SITE INSPECTION REPORT

CAMP GORDON ARTILLERY RANGE
MARIETTA, COBB COUNTY, GEORGIA
EPA ID No. GA0000407895
VOLUME 2

10949441

Appendix D

Laboratory Analytical Results

Chain of Custody Record

Georgia Department of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition: **S** = Soil or Semi Solid, **W** = Water (Aqueous), **A** = Air, **NA** = Non Aqueous Liquid (Oil, Solvent, Etc.)

Facility: Camp Gordon Artillery Range	Location: Marietta	Analysis Requested
Sampler Name: Larry Paretti	Phone: (404) 656-2833	
Address:	FAX:	

Analysis Requested	
VOCs	
SVOCs	
Pesticides	
Metals	
HS	

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers.)	Matrix Type S	W	A	NA	Number of Containers Submitted						
7/12/06	1330	10401					5	2	1	1	1		
7/12/06	1030	10411					5	2	1	1	1		
7/12/06	1055	10412					5	2	1	1	1		
7/12/06	1310	10423					5	2	1	1	1		
		10418 Trip Blank					1	2	1	1	1		

Relinquished By (Signature)	Date	Time	Relinquished By (Signature)	Date	Time	Relinquished By (Signature)	Date	Time
[signature]	7/13/06	1432						
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Robert Price	7/13/06	1432	☑ Yes ☐ No		Rec'd on Ice

Chain of Custody Record

Georgia Department Of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition: S=Soil or Semi Solid
W=Water (Aqueous), A=Air, NA=Non Aqueous Liq. (Oil, Solvent, Etc.)

Facility: Camp Gordon Artillery Range	Location: Marietta, GA	Analysis Requested
Sampler Name: Lawrence Papetti Address: 1154 Floyd Towers East	Phone: FAX:	Semi-Volatiles, VOCs, Pesticides/PCBs, Metals + Hg, Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted						
		Surface Water											
7/10/06	0800	10381 Larry		✓			3	3	3	1	1		
7/10/06	0825	10383 Chris		✓			3	3	3	1	1		
7/10/06	0912	10385 Larry		✓			3	3	3	1	1		
7/10/06	1005	10387 Larry		✓			3	3	3	1	1		
7/10/06	1032	10388 Chris		✓			3	3	3	1	1		
7/10/06	1115	10391 Chris		✓			3	3	3	1	1		
~~7/ /06~~		~~10393 Larry~~		~~✓~~			~~3~~	~~3~~	~~3~~	~~1~~	~~1~~		

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
[illegible]	7/10/06	1355	[illegible]	7/10/06	1446			
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**
[illegible]	7/10/06	1355						

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Robert Price	7/10/06	1446	Yes No		Rec'd on ice

Chain of Custody Record

Georgia Department Of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition: S=Soil or Semi Solid
W=Water (Aqueous), A=Air, NA=Non Aqueous Liq. (Oil, Solvent, Etc.)

Facility: Camp Gordon Artillery Range	Location: Marietta, GA	Analysis Requested
Sampler Name: Lawrence Papetti Address: 1154 Floyd Towers East	Phone: FAX:	Semi-Volatiles / VOCs / Pesticides/PCBs / Metals + Hg / Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers) Surface Water	Matrix Type S	W	A	NA	Number of Containers Submitted					
~~7/10/06~~		~~10395 DCT~~		~~✓~~			~~3~~	~~3~~	~~3~~	~~1~~	~~1~~	
7/10/06	1300	10397 CHRIS		✓			3	3	3	1	1	
~~7/10/06~~		~~10399 DRY~~		~~✓~~			~~3~~	~~3~~	~~3~~	~~1~~	~~1~~	
7/10/06	1005	~~10419~~ 10420 SW Duplicate Lars		✓			3	3	3	1	1	
7/10/06		10413 Trip Blank		✓			~~3~~	~~3~~ 1	3	x	x	
7/10/06		10414 Trip Blank		✓			~~3~~	~~3~~ 1	3	x	x	
~~7/10/06~~		~~10387~~										

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
[signature]	7/10/06	1355	[signature]	7/10/06	1446			
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**
[signature]	7/10/06	1355						

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Robert Price	7/10/06	1446	Yes No		Rec'd on Ice

Chain of Custody Record

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Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition: S=Soil or Semi Solid
W=Water (Aqueous), A=Air, NA=Non Aqueous Liq. (Oil, Solvent, Etc.)

Facility:	Location:	Analysis Requested
Camp Gordon Artillery Range	Marietta, GA	
Sampler Name: Lawrence Papetti	Phone:	
Address: 1154 Floyd Towers East	FAX:	

Analysis Requested: Semi-Volatiles; VOCs; Pesticides/PCBs; Metals + Hg; Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted						
		Sediment											
7/10/06	0815	10382 Larry	✓				2	5	1	1	1		
7/10/06	0828	10384 Chris	✓				2	5	1	1	1		
7/10/06	0925	10386 Larry	✓				2	5	1	1	1		
7/10/06	1010	10388 Larry	✓				2	5	1	1	1		
7/10/06	1046	10390 Chris	✓				2	6	1	1	1		
7/10/06	1225	10392 Chris	✓				2	5	1	1	1		
7/10/06	0929	10394 Chris	✓				2	5	1	1	1		

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
[signature]	7/10/06	1355	[signature]	7/10/06	1446			
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**
[signature]	7/10/06	1355						

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
[signature]	7/10/06	1446	Yes No		Rec'd on Ice

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Environmental Protection Division Laboratories
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Atlanta, GA 30318

Matrix Type Definition: S=Soil or Semi Solid
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Facility: Camp Gordon Artillery Range	Location: Marietta, GA	Analysis Requested
Sampler Name: Lawrence Papetti Address: 1154 Floyd Towers East	Phone: FAX:	Semi-Volatiles / VOCs / Pesticides/PCB / Metals + Hg / Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers) Sediment	Matrix Type S	W	A	NA	Number of Containers Submitted						
7/10/06	1200	10396 Lari 2	✓				2	5	1	1	1		
7/10/06	1310	10398 Chri 1	✓				2	5	1	1	1		
7/10/06	1332	10400 Chri 1	✓				2	5	1	1	1		
7/10/06		10415 Tele Blank		✓				1					
7/10/06		10416 Tele Blank		✓				1					
7/10/06		10422 Rinsate		✓			2	5	1	1	1		
7/10/06	1010	10421 Sediment Duplicate Lari 2	✓				2	5	1	1	1		

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
[illegible]	7/10/06	13:55	[illegible]	7/10/06	1446			
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**
[illegible]	7/10/06	1355						

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Robert Price	7/10/06	1446	Yes / No		Rec'd on Ice

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Environmental Protection Division Laboratories
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Atlanta, GA 30318

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W=Water (Aqueous), A=Air, NA=Non Aqueous Liq. (Oil, Solvent, Etc.)

Facility: Camp Gordon Artillery Range	Location: Marietta, GA	Analysis Requested
Sampler Name: Lawrence Papetti Address: 1154 Floyd Towers East	Phone: FAX:	Semi-Volatiles / VOCs / Pesticides/PCB / Metals + Hg / Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers) Soil	Matrix Type S	W	A	NA	Number of Containers Submitted						
7/11/06	1445	~~10401~~ 10402	✓				2	5	1	1	1		
7/11/06	1100	10402	✓				2	5	1	1	1		
7/11/06	1120	10403	✓				2	5	1	1	1		
7/11/06	1515	10404	✓				2	5	1	1	1		
7/11/06	1235	10405	✓				2	5	1	1	1		
7/11/06	1315	10406	✓				2	5	1	1	1		
7/11/06	1420	10407	✓				2	5	1	1	1		

Relinquished By(Signature)	Date	Time	Relinquished by(Signature)	Date	Time	Relinquished by(Signature)	Date	Time
[signature]	7/12/06	0940						
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Linda Bailey	7-12-06	9:40	(Yes) No		Temp 0.0

Chain of Custody Record

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Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

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Facility: Camp Gordon Artillery Range	Location: Marietta, GA	Analysis Requested
Sampler Name: Lawrence Papetti Address: 1154 Floyd Towers East	Phone: FAX:	Semi-Volatiles, VOCs, Pesticides/PCBs, Metals + Hg, Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers) Soil	Matrix Type S	W	A	NA	Number of Containers Submitted						
7/11/06	1245	10408	✓				2	5	1	1	1		
7/11/06	1300	10409	✓				2	5	1	1	1		
7/11/06	0810	10410	✓				2	5	1	1	1		
7/ /06		10411	✓				2	5	1	1	1		
7/ /06		10412	✓				2	5	1	1	1		
7/ /06		10423	✓				2	5	1	1	1		
7/11/06	1010	10424	✓				2	5	1	1	1		

Relinquished By(Signature)	Date	Time	Relinquished by(Signature)	Date	Time	Relinquished by(Signature)	Date	Time
	7/12/06	09:10						
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Louis Bailey	7-12-06	9:40	Yes No		

Chain of Custody Record

Georgia Department Of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition: S=Soil or Semi Solid
W=Water (Aqueous), A=Air, NA=Non Aqueous Liq. (Oil, Solvent, Etc.)

Facility: Camp Gordon Artillery Range	Location: Marietta, GA
Sampler Name: Lawrence Papetti Address: 1154 Floyd Towers East	Phone: FAX:

Analysis Requested: Semi-Volatiles, VOCs, Pesticides/PCBs, Metals + Hg, Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted						
		Soil											
7/11/06	1020	10425	✓				2	5	1	1	1		
7/ /06		~~10417~~ Trip Blank 10415		✓				1					
~~7/ /06~~		~~10418 Trip Blank~~		~~✓~~				~~1~~					
7/11/06	0810	10419 Duplicate Soil	✓				2	5	1	1	1		
7/11/06	0730	Rinsate 10422											
~~7/11/06~~		~~10432~~					~~2~~	~~5~~	~~1~~	~~1~~	~~1~~		
~~7/ /06~~													

Relinquished By(Signature)	Date	Time	Relinquished by(Signature)	Date	Time	Relinquished by(Signature)	Date	Time
[signature]	7/11/06	0940						
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Trish Bailey	7-12-06	9:40	Yes No		

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 **LAB No.**

Date Submitted To Lab: 7/10/06 Larry Papetti

HWMB LOG NUMBER: HW10381 Time: 0800

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ___ Sludge ___
Ground Water ___ Surface Water ✓ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Sample ID AF37385
Location: HWMB
Description: CAMP GORDON/HW10381
Collector: L. PAPETTI
Site:

Applicable Hazardous Waste Codes (If known)

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base/Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon
Organics Special Requests:

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests:

1 HALF GALLONS CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:
Pesticides
Herbicides

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury
Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): Date: Reviewed By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:53

AYR

Preservative Confirmed
Ph <2 Met >12 CN
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	8:00
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/07/06
Received Temperature:	0.0 C

Sample ID:	AF37385
Facility Name:	CAMP GORDON/HW10381
Site ID:	HWMB
Location ID:	
Location Descr:	HW10381

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*48 t 57.5*
1 ?-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	49	ug/L	5	VK	07/13/06	*47.5 t 57.5*
ene-d8(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected	ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
'g/g: micrograms/gram
pm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
lutanone	81595		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
ɪromochloromethane	77297		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
,lbenzene	34371		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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utylbenzene	77342		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	45		ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	54		ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	54		ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	53		ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	56		ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	81		ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
zyl Alcohol	77147		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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[illegible]prolactam			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
[illegible]thylphthalate	34336		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
[illegible]rene	34381		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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ne	34469		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
drin	39380		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
-DDE	39320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
QC Batch 87014										
Total Cyanide	00720		EPA 335.4	Not Detected		ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140										
Beryllium 9	01012		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected		ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected		ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected		ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	

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107	01077		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected	ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected	ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected	ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978									
Aluminum	01105		EPA 6010B	Not Detected	ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	9100	ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	1200	ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	83	ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
QC Batch 87064									
Mercury	71900		EPA 7470A	Not Detected	ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037									
TCMX surr std			EPA 8081A	0.413	ug/L		JGD	07/17/06	0.160 t 0.480
DCB surr std			EPA 8081A	0.542	ug/L		JGD	07/17/06	0.320 t 1.16
a-BHC			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
b-BHC			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/17/06	
d-BHC			EPA 8081A	Not Detected	ug/L	0.15	JGD	07/17/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
CHLORDANE			EPA 8081A	Not Detected	ug/L	2.0	JGD	07/17/06	
4,4-DDD			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
DDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
4,4-DDT			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/17/06	
DIELDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
ENDRIN			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/L	3.0	JGD	07/17/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/L	0.20	JGD	07/17/06	
MIREX			EPA 8081A	Not Detected	ug/L	0.30	JGD	07/17/06	
ALDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/17/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/17/06	
PCBs in Water QC Batch 87038									
TCMX surr std			EPA 8082	0.413	ug/L		JGD	07/17/06	0.200 t 0.480
DCB surr std			EPA 8082	0.542	ug/L		JGD	07/17/06	0.520 t 1.00

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
I .016			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1221			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	

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JHM

...WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 LAB No.

Date Submitted To Lab: 7/10/06 Larry Papetti

HWMB LOG NUMBER: HW10382 Time: 0815

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ✓ Sludge ___
Ground Water ___ Surface Water ___ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known)

Special Precautions:

Sample ID AF37394
Location: HWMB
Description: CAMP GORDON/HW10382
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests:

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

RECEIVED
EPD LABORATORIES
2006 JUL 10 PM 2:51
RECEIVING LAB

3. TCLP ORGANICS

Volatiles ___ Pesticides ___
Semi-Volatiles (Acid & Base/Neutral) ___ Herbicides ___
Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ___ Additional Metals for TCLP:
Mercury ___

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): ___ Date: ___ Reviewed By (EPD Lab): ___
Approved By:(HWMB): ___ Date: ___ Date (EPD Lab): ___

Preservative Confirmed

Ph <2 ___ >12 ___
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	8:15
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37394
Facility Name:	CAMP GORDON/HW10382
Site ID:	HWMB
Location ID:	
Location Descr:	HW10382/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/kg (dw)	5.6	KD	07/19/06	*46.5 t 60.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	57	ug/kg (dw)	5.6	KD	07/19/06	*45 t 62*
ene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	5.6	KD	07/19/06	*43.5 t 51.5*
romofluorobenzene(Surrogate QC Std.)			EPA 8260B	45	ug/kg (dw)	5.6	KD	07/19/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.2	KD	07/19/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Acetone	81552		EPA 8260B	Not Detected	ug/kg (dw)	110	KD	07/19/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	56	KD	07/19/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	110	KD	07/19/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
nochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	56	KD	07/19/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	56	KD	07/19/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
'benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	

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-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	07/19/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	61	ug/kg (dw)	0.00	GG	07/18/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	63	ug/kg (dw)	0.00	GG	07/18/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	59	ug/kg (dw)	0.00	GG	07/18/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	65	ug/kg (dw)	0.00	GG	07/18/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	73	ug/kg (dw)	0.00	GG	07/18/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	90	ug/kg (dw)	0.00	GG	07/18/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
' 'hylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
L ,-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
oro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
2-methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
/ 'orophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
·. .oaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
ɔenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	3100	GG	07/18/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
' ı	39390		EPA 8270C	Not Detected		ug/kg (dw)	3000	GG	07/18/06	
E..ɔsulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	6100	GG	07/18/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	3100	GG	07/18/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
QC Batch 87019										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	1800000		ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	Not Detected		ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	18000		ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	3200		ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	8500000		ug/kg (dw)	10000	PSB	07/14/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
[illegible]sium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	150000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	32000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	8900	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	16.5	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	36.0	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
[illegible]DT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
[illegible]DRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	16.5	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	36.0	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

COMMENTS $R_TAL_S-6010B: ICP Metals - Matrix Spike had three analytes, Aluminum (1620% recovery, limits 75-125%), Iron (0.0% recovery, limits 75-125%), and Manganese (60.0 % recovery, limits 75-125%) with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. LCS results acceptable for all analytes. 2-071406-315

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

LAB No.

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10383 Time: 0825

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ___ Sludge ___
Ground Water ___ Surface Water ✓ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Sample ID AF37386
Location: HWMB
Description: CAMP GORDON/HW10383
Collector: C. HURST
Site:

Applicable Hazardous Waste Codes (If known)

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
- Semi-Volatiles (Acid & Base\Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides
- Organophosphorous Pesticides
- PCB ✓
- BETX
- Total Petroleum Hydrocarbon

Organics Special Requests:

2. TOTAL METALS
- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests:

1 HALF GALLONS/CYANIDE Cn
NUTRIENTS/SULFATES
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS
- Volatiles
- Semi-Volatiles (Acid & Base/Neutral)
- Additional Specific Organics for TCLP:
- Pesticides
- Herbicides

4. TCLP METALS ANALYSIS
- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
- Mercury
- Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): Date: Reviewed By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:53 RECEIVING LAB

AYR

Preservative Confirmed
Ph <2 Met >12 CN
Temp 0-0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	8:25
Sample Collector:	C. HURST
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37386
Facility Name:	CAMP GORDON/HW10383
Site ID:	HWMB
Location ID:	
Location Descr:	HW10383

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/L	5	VK	07/13/06	*48 t 57.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*47.5 t 57.5*
ene-d8(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*45.5 t 55.5*
inofluorobenzene(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected		ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
romochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
benzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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Butylbenzene	77342		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
,,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	47		ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	51		ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	50		ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	46		ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	53		ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	59		ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
[illegible]zyl Alcohol	77147		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
[illegible]ichlorobenzene	34536		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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prolactam			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
D thylphthalate	34336		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
ene	34381		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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ene	34469		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
DDE	39320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
QC Batch 87014										
Total Cyanide	00720		EPA 335.4	Not Detected		ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140										
Beryllium 9	01012		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected		ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected		ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected		ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Silver 107	01077		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected		ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected		ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected		ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978										
Aluminum	01105		EPA 6010B	Not Detected		ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	17000		ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	470		ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	51		ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	12000		ug/L	5000	PSB	07/20/06	
QC Batch 87064										
Mercury	71900		EPA 7470A	Not Detected		ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037										
TCMX surr std			EPA 8081A	0.408		ug/L		JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.526		ug/L		JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected		ug/L	0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected		ug/L	0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
CHLORDANE			EPA 8081A	Not Detected		ug/L	2.0	JGD	07/18/06	
4,4-DDD			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
DDE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
DDT			EPA 8081A	Not Detected		ug/L	0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected		ug/L	3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/L	0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected		ug/L	0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038										
TCMX surr std			EPA 8082	0.408		ug/L		JGD	07/18/06	*0.200 t 0.480*
DCB surr std			EPA 8082	0.526		ug/L		JGD	07/18/06	*0.520 t 1.00*

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PCB-1016			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1221			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	

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...MANAGEMENT BRANCH (HWMB)

REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

Date Submitted To Lab: 7/10/06

LAB No. Chris Hurst Time: 0828

HWMB LOG NUMBER: HW10384

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Sample ID AF37395
Location: HWMB
Description: CAMP GORDON/HW10384
Collector: C. HURST
Site:

Applicable Hazardous Waste Codes (If known) ____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

- Semi-Volatiles (Acid & Base/Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides ____
- Organophosphorous Pesticides ____
- PCB ✓
- BETX ____
- Total Petroleum Hydrocarbon ____

Organics Special Requests: ____

2. TOTAL METALS

- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51 RECEIVING LAB

3. TCLP ORGANICS

- Volatiles ____
- Semi-Volatiles (Acid & Base/Neutral) ____
- Pesticides ____
- Herbicides ____
- Additional Specific Organics for TCLP: ____

4. TCLP METALS ANALYSIS

- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____
- Mercury ____
- Additional Metals for TCLP: ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): ____
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): ____

Preservative Confirmed

Pb <2 ____ >12 ____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	8:28
Sample Collector:	C. HURST
Chlorination:	
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37395
Facility Name:	CAMP GORDON/HW10384
Site ID:	HWMB
Location ID:	
Location Descr:	HW10384/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	6.3	KD	07/18/06	*46.5 t 60.5*
1 2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52	ug/kg (dw)	6.3	KD	07/18/06	*45 t 62*
ne-d8(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)	6.3	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	47	ug/kg (dw)	6.3	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.5	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Acetone	81552		EPA 8260B	Not Detected	ug/kg (dw)	130	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	130	KD	07/18/06	

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mochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
m,p-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	66		ug/kg (dw)	0.00	GG	07/18/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	68		ug/kg (dw)	0.00	GG	07/18/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	67		ug/kg (dw)	0.00	GG	07/18/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	71		ug/kg (dw)	0.00	GG	07/18/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	75		ug/kg (dw)	0.00	GG	07/18/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	86		ug/kg (dw)	0.00	GG	07/18/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
Aniline	77089		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Phenol	34694		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
[illegible] thylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
[illegible]-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Caprolactam			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	

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oro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
2-methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4 'orophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4 .oaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	

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›enzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/18/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	2800	GG	07/18/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	5600	GG	07/18/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
[illegible]	39390		EPA 8270C	Not Detected	ug/kg (dw)	2700	GG	07/18/06	
E[illegible]sulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	5600	GG	07/18/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	2800	GG	07/18/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	2700000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	5300	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	15000	ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	9900	ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	13000000	ug/kg (dw)	20000	PSB	07/14/06	

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ıssium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	120000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	40000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	39000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	17.8	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	37.4	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ʼDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
L _DRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	17.8	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	37.4	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
CB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

COMMENTS $TAL_S-6010B: ICP Metals - Reporting limits for Iron raised due to elevated levels of target analyte in sample.

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mg/kg: milligrams/kilogram
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: micrograms/gram
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WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

Date Submitted To Lab: 7/10/06

LAB No. Larry Papetti

HWMB LOG NUMBER: HW10385

Time: 0915

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste ____ Soil/Sediment ____ Sludge ____
Ground Water ____ Surface Water ✓ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration)

Sample ID AF37387
Location: HWMB
Description: CAMP GORDON/HW10385
Collector: L. PAPETTI
Site:

Applicable Hazardous Waste Codes (if known) ____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
- Semi-Volatiles (Acid & Base\Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides ____
- Organophosphorous Pesticides ____
- PCB ✓
- BETX ____
- Total Petroleum Hydrocarbon ____
- Organics Special Requests: ____

2. TOTAL METALS
- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests: ____

1 HALF GALLONS/CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS
- Volatiles ____
- Semi-Volatiles (Acid & Base/Neutral) ____
- Additional Specific Organics for TCLP: ____
- Pesticides ____
- Herbicides ____

4. TCLP METALS ANALYSIS
- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____
- Mercury ____
- Additional Metals for TCLP: ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): ____
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): ____

Preservative Confirmed
Ph <2 MET >12 CN
Temp 0.0

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:53 RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 07/10/06 Time Collected: 9:15 Sample Collector: L. PAPETTI Chlorination: Sample Type:
Sample ID: AF37387 Facility Name: CAMP GORDON/HW10385 Site ID: HWMB Location ID: Location Descr: HW10385	Received By: AYR Date Received: 07/10/06 Time Received: 2:53 PM Project: HW Reporting Date: 08/04/06 Received Temperature: 0.0 C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/L	5	VK	07/13/06	*48 t 57.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52		ug/L	5	VK	07/13/06	*47.5 t 57.5*
ne-d8(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*45.5 t 55.5*
romofluorobenzene(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected		ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
utanone	81595		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
omochloromethane	77297		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
benzene	34371		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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lutylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
,,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	40	ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	48	ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	47	ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	48	ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	58	ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	86	ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
·yl Alcohol	77147		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Jichlorobenzene	34536		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	

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rolactam			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
..vitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
D' 'hylphthalate	34336		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
ene	34381		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
ıe	34469		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
r drin	39380		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
DDE	39320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
QC Batch 87014										
Total Cyanide	00720		EPA 335.4	Not Detected		ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140										
Beryllium 9	01012		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected		ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected		ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected		ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
r 107	01077		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected		ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected		ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected		ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978										
Aluminum	01105		EPA 6010B	530		ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	9700		ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	2600		ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	380		ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
QC Batch 87064										
Mercury	71900		EPA 7470A	Not Detected		ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037										
TCMX surr std			EPA 8081A	0.423		ug/L		JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.560		ug/L		JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected		ug/L	0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected		ug/L	0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
CHLORDANE			EPA 8081A	Not Detected		ug/L	2.0	JGD	07/18/06	
⁄ ⁻DD			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
DE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
4,4-DDT			EPA 8081A	Not Detected		ug/L	0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected		ug/L	3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/L	0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected		ug/L	0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038										
TCMX surr std			EPA 8082	0.423		ug/L		JGD	07/18/06	*0.200 t 0.480*
DCB surr std			EPA 8082	0.560		ug/L		JGD	07/18/06	*0.520 t 1.00*

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·1016			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1221			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1232			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1242			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1248			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1254			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1260			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1262			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	

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... MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 LAB No. _____

Date Submitted To Lab: 7/10/06 Larry Papetti

HWMB LOG NUMBER: HW10386 Time 0925

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37396
Location: HWMB
Description: CAMP GORDON/HW10386
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51 RECEIVING LAB

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles _____ Pesticides _____
Semi-Volatiles (Acid & Base/Neutral) _____ Herbicides _____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ Additional Metals for TCLP: _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 07/10/06 Time Collected: 9:25 Sample Collector: L. PAPETTI Chlorination: Sample Type:
Sample ID: AF37396 Facility Name: CAMP GORDON/HW10386 Site ID: HWMB Location ID: Location Descr: HW10386/CAMP GORDON	Received By: JHM Date Received: 07/10/06 Time Received: 2:51 PM Project: HW Reporting Date: 08/04/06 Received Temperature: 0.0 C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	5.8	KD	07/18/06	46.5 t 60.5
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	5.8	KD	07/18/06	45 t 62
;ne-d8(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	5.8	KD	07/18/06	43.5 t 51.5
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	47		ug/kg (dw)	5.8	KD	07/18/06	38 t 52.5
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.3	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Acetone	81552		EPA 8260B	140		ug/kg (dw)	120	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	58	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	120	KD	07/18/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
nochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	58	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	58	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1 1 1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
›enzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	5.8	KD	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	74	ug/kg (dw)	0.00	GG	07/18/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	74	ug/kg (dw)	0.00	GG	07/18/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	77	ug/kg (dw)	0.00	GG	07/18/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	79	ug/kg (dw)	0.00	GG	07/18/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	81	ug/kg (dw)	0.00	GG	07/18/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	97	ug/kg (dw)	0.00	GG	07/18/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
[illegible]nylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	

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4 .oro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
.orophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	

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B[illegible]oenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/18/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
p-' DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
[illegible]	39390		EPA 8270C	Not Detected	ug/kg (dw)	2900	GG	07/18/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/18/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/18/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	2100000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	11000	ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	3000	ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	8700000	ug/kg (dw)	10000	PSB	07/14/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	180000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	34000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	8900	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	16.6	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	33.3	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
4 4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
DT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	16.6	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	33.3	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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A' YTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

COMMENTS $R_8081S - EPA 8081A - MS had three compounds, Heptachlor Epoxide (172% recovery), g-Chlordane (162% recovery) and a-Chlordane (189% recovery)(limits 50-150% for all) with recoveries outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 1-080106-366

COMMENTS $P_8081S - EPA 8081A - MSD had three compounds, Heptachlor Epoxide (68.0% RPD), a-Chlordane (69.8% RPD) and DDE (44.6% RPD) (limits 30% for all) with precisions outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 1-080106-366

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

LAB No.: Larry Papetti

Date Submitted To Lab: 7/10/06

HWMB LOG NUMBER: HW10387 Time: 1095

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste ____ Soil/Sediment ____ Sludge ____
Ground Water ____ Surface Water ✓ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ____ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known) ____

Special Precautions:

Sample ID AF37388
Location: HWMB
Description: CAMP GORDON/ HW10387
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides ____
Organophosphorous Pesticides ____
PCB ✓
BETX ____
Total Petroleum Hydrocarbon ____

Organics Special Requests: ____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: ____

1 HALF GALLONS/~~CYANIDE~~ CN
____ NUTRIENTS/~~SULFATES~~
____ FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
____ SULFIDES/PHENOLS
____ OIL AND GREASE

3. TCLP ORGANICS

Volatiles ____
Semi-Volatiles (Acid & Base/Neutral) ____
Additional Specific Organics for TCLP: ____
Pesticides ____
Herbicides ____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____
Mercury ____
Additional Metals for TCLP: ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): ____
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): ____

RECEIVED
EPD LABORATORIES
2006 JUL 10 PM 2:53
RECEIVING LAB

Preservative Confirmed
Ph <2 MET >12 CN
Temp 2.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	10:05
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37388
Facility Name:	CAMP GORDON/ HW10387
Site ID:	HWMB
Location ID:	
Location Descr:	HW10387

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/L	5	VK	07/13/06	*48 t 57.5*
' ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*47.5 t 57.5*
' ene-d8(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected		ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
utanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-butylbenzene	77342		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	49	ug/L		10	JZ	07/17/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	55	ug/L		10	JZ	07/17/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	57	ug/L		10	JZ	07/17/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	49	ug/L		10	JZ	07/17/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	55	ug/L		10	JZ	07/17/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	93	ug/L		10	JZ	07/17/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/L		20	JZ	07/17/06	
Aniline	77089		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Phenol	34694		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/L		20	JZ	07/17/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/L		20	JZ	07/17/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/L	J	50	JZ	07/17/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/L		20	JZ	07/17/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/L		10	JZ	07/17/06	

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Caprolactam			EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/L	20	JZ	07/17/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
[illegible],6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
[illegible]ylphthalate	34336		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/L	20	JZ	07/17/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/L	20	JZ	07/17/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/L	20	JZ	07/17/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/L	20	JZ	07/17/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	

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Pyrene	34469		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/L	20	JZ	07/17/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/L	25	JZ	07/17/06	
F sulfan 1	34361		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
L .in	39380		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Endrin	39390		EPA 8270C	Not Detected	ug/L	20	JZ	07/17/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/L	50	JZ	07/17/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/L	25	JZ	07/17/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/L	10	JZ	07/17/06	
QC Batch 87014									
Total Cyanide	00720		EPA 335.4	Not Detected	ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140									
Beryllium 9	01012		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected	ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected	ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected	ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected	ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected	ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	

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Silver 107	01077		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected	ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected	ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected	ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978									
Aluminum	01105		EPA 6010B	Not Detected	ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	9300	ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	1500	ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	100	ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
QC Batch 87064									
Mercury	71900		EPA 7470A	Not Detected	ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037									
TCMX surr std			EPA 8081A	0.439	ug/L		JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.568	ug/L		JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected	ug/L	0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
C ORDANE			EPA 8081A	Not Detected	ug/L	2.0	JGD	07/18/06	
4 DD			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
4,4-DDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
4,4-DDT			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/L	3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/L	0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected	ug/L	0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038									
TCMX surr std			EPA 8082	0.439	ug/L		JGD	07/18/06	*0.200 t 0.480*
DCB surr std			EPA 8082	0.568	ug/L		JGD	07/18/06	*0.520 t 1.00*

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

AI TE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1221			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	

COMMENTS $827CW - EPA 8270C - "J" - Estimated value, all results flagged with "J" are considered estimated values. CCV had one compound, Benzoic acid (47.5% %Dev, limits -20%-+20%) with a deviation outside acceptable limits. 7-071906-184

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mg/kg: milligrams/kilogram
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ug/g: micrograms/gram
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org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
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VIOL: Violation (result exceeds MCL)

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JHM

...MANAGEMENT BRANCH (HWMB)

REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 **LAB No.**

Date Submitted To Lab: 7/10/06 Lawrence Papetti

HWMB LOG NUMBER: HW10388 Time: 1010

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known)

Special Precautions:

Sample ID AF37397
Location: HWMB
Description: CAMP GORDON/HW10388
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

Organics Special Requests:

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP:
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): ____
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): ____

Preservative Confirmed

Ph <2 ____ >12 ____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	10:10
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37397
Facility Name:	CAMP GORDON/HW10388
Site ID:	HWMB
Location ID:	
Location Descr:	HW10388/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51	ug/kg (dw)	5.2	KD	07/18/06	*46.5 t 60.5*
1 ?-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51	ug/kg (dw)	5.2	KD	07/18/06	*45 t 62*
:ne-d8(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	5.2	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	46	ug/kg (dw)	5.2	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.1	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Acetone	81552		EPA 8260B	Not Detected	ug/kg (dw)	100	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	52	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	100	KD	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
omochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	10	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	10	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	52	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	52	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
'benzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
·Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	10	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	07/18/06	

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1,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	62	ug/kg (dw)	0.00	GG	07/18/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	63	ug/kg (dw)	0.00	GG	07/18/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	62	ug/kg (dw)	0.00	GG	07/18/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	63	ug/kg (dw)	0.00	GG	07/18/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	70	ug/kg (dw)	0.00	GG	07/18/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	88	ug/kg (dw)	0.00	GG	07/18/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/18/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/18/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5600	GG	07/18/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/18/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/18/06	

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ıloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
lorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
., ..troaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
lbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/18/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	2800	GG	07/18/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
'n	39390		EPA 8270C	Not Detected		ug/kg (dw)	2700	GG	07/18/06	
E...osulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	5600	GG	07/18/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	2800	GG	07/18/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/18/06	
QC Batch 87019										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	4300000		ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	25000		ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	12000		ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	5700		ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	9600000		ug/kg (dw)	10000	PSB	07/14/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
assium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	220000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	32000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	10000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	17.5	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	38.1	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	17.5	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	38.1	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1248			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

LAB No. CHU Hurst

Date Submitted To Lab: 7/10/06

HWMB LOG NUMBER: HW10389

Time: 1034

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment		Sludge	
Ground Water		Surface Water	✓	Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37389
Location: HWMB
Description: CAMP GORDON/HW 10389
Collector: C. HURST
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base/Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓

Metals Special Requests: _____

1 HALF GALLONS CYANIDE
___ NUTRIENTS/SULFATES
___ FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
___ SULFIDES/PHENOLS
___ OIL AND GREASE

3. TCLP ORGANICS

Volatiles	
Semi-Volatiles (Acid & Base/Neutral)	
Pesticides	
Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	
Mercury	

Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

Preservative Confirmed
Ph <2 MET >12 CN
Temp 0.0

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:53 RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	10:34
Sample Collector:	C. HURST
Chlorination:	-
Sample Type:	
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37389
Facility Name:	CAMP GORDON/HW 10389
Site ID:	HWMB
Location ID:	
Location Descr:	HW10389

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/L	5	VK	07/13/06	*48 t 57.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52	ug/L	5	VK	07/13/06	*47.5 t 57.5*
ne-d8(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected	ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
utanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
L. ,ıbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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utylbenzene	77342		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	50		ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	55		ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	54		ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	54		ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	64		ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	55		ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1 4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
yl Alcohol	77147		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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rolactam			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
ylphthalate	34336		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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[illegible]ne	34469		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	29		ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
E[illegible]osulfan 1	34361		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
[illegible]rin	39380		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
QC Batch 87014										
Total Cyanide	00720		EPA 335.4	Not Detected		ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140										
Beryllium 9	01012		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected		ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected		ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected		ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	

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[illegible]g/kg: micrograms/kilogram
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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
er 107	01077		EPA 6020	Not Detected	ug/L		10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected	ug/L		5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected	ug/L		60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected	ug/L		200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected	ug/L		10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected	ug/L		3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978										
Aluminum	01105		EPA 6010B	Not Detected	ug/L		200	PSB	07/20/06	
Calcium	00916		EPA 6010B	9300	ug/L		5000	PSB	07/20/06	
Iron	01045		EPA 6010B	1800	ug/L		100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected	ug/L		5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected	ug/L		5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	160	ug/L		15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected	ug/L		5000	PSB	07/20/06	
QC Batch 87064										
Mercury	71900		EPA 7470A	Not Detected	ug/L		0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037										
TCMX surr std			EPA 8081A	0.421	ug/L			JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.526	ug/L			JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected	ug/L		0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected	ug/L		0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
CHLORDANE			EPA 8081A	Not Detected	ug/L		2.0	JGD	07/18/06	
DD			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
DDE			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
4,4-DDT			EPA 8081A	Not Detected	ug/L		0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/L		3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/L		0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected	ug/L		0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected	ug/L		0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/L		0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038										
TCMX surr std			EPA 8082	0.421	ug/L			JGD	07/18/06	*0.200 t 0.480*
DCB surr std			EPA 8082	0.526	ug/L			JGD	07/18/06	*0.520 t 1.00*

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PCB-1016			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1221			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1232			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1242			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1248			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1254			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1260			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	
PCB-1262			EPA 8082	Not Detected		ug/L	1.0	JGD	07/18/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

JHM

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

LAB No.

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10390 Time: 1046

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Sample ID AF37398
Location: HWMB
Description: CAMP GORDON/HW10390
Collector: C. HURST
Site:

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

Organics Special Requests: _____

2. TOTAL METALS

RCRA Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): ____
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): ____

Preservative Confirmed

Ph <2 ____ >12 ____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	10:46
Sample Collector:	C. HURST
Chlorination:	-
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37398
Facility Name:	CAMP GORDON/HW10390
Site ID:	HWMB
Location ID:	
Location Descr:	HW10390/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	6.3	KD	07/18/06	*46.5 t 60.5*
chloroethane-d4(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	6.3	KD	07/18/06	*45 t 62*
1[illegible]ene-d8(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	6.3	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	47		ug/kg (dw)	6.3	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.5	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Acetone	81552		EPA 8260B	Not Detected		ug/kg (dw)	130	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	64	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	130	KD	07/18/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	6.3	KD	07/18/06	

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1,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	6.3	KD	07/18/06	
Hexanal			EPA 8260B	74	TIE	ug/kg (dw)		KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	77		ug/kg (dw)	0.00	GG	07/18/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	77		ug/kg (dw)	0.00	GG	07/18/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	78		ug/kg (dw)	0.00	GG	07/18/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	81		ug/kg (dw)	0.00	GG	07/18/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	81		ug/kg (dw)	0.00	GG	07/18/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	81		ug/kg (dw)	0.00	GG	07/18/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
Aniline	77089		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Phenol	34694		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
[illegible]yl Alcohol	77147		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
[illegible]ichlorobenzene	34536		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/kg (dw)	6200	GG	07/18/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Caprolactam			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
...itroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	6200	GG	07/18/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	6200	GG	07/18/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	6200	GG	07/18/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	6200	GG	07/18/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Di...thylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
...ene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	6200	GG	07/18/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	6200	GG	07/18/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/18/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/18/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/18/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/18/06	
[illegible]drin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
[illegible]DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/18/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/18/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/18/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	3600000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	33000	ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	6600	ug/kg (dw)	2500	PSB	07/14/06	

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Iron	01170		6010 B	9200000	ug/kg (dw)	10000	PSB	07/14/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	150000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	34000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	17000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	21.1	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std		U	EPA 8081A	50.5	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
DD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	21.1	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std		U	EPA 8082	50.5	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

COMMENTS $8081S - EPA 8081A - Sample had one surrogate, DCB (126% recovery, limits 55-120%) with a recovery outside acceptable control limits due to matrix interferences. TCMX results are within acceptable control limits. 1-080106-365

COMMENTS $8082S - EPA 8082 - Sample had one surrogate, DCB (126% recovery, limits 65-120%) with a recovery outside acceptable control limits due to matrix interferences. TCMX results are within acceptable control limits. 1-080106-365

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mg/kg: milligrams/kilogram
g/kg: micrograms/kilogram
g/g: micrograms/gram
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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 LAB No.

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10391 Time: 1115

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ___ Sludge ___
Ground Water ___ Surface Water ✓ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known)

Special Precautions:

Sample ID AF37390
Location: HWMB
Description: CAMP GORDON/ HW 10391
Collector: C. HURST
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
- Semi-Volatiles (Acid & Base\Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides
- Organophosphorous Pesticides
- PCB ✓
- BETX
- Total Petroleum Hydrocarbon

Organics Special Requests:

2. TOTAL METALS
- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests:

1 HALF GALLONS/~~CYANIDE~~ Cn
NUTRIENTS/SULFATES
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS
- Volatiles
- Semi-Volatiles (Acid & Base/Neutral)
- Pesticides
- Herbicides

Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS
- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
- Mercury

Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): Date: Reviewed By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:53 RECEIVING LAB

AYR

Preservative Confirmed
Ph <2 MET >12 CN
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	11:15
Sample Collector:	C. HURST
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37390
Facility Name:	CAMP GORDON/ HW 10391
Site ID:	HWMB
Location ID:	
Location Descr:	HW10391

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53		ug/L	5	VK	07/13/06	*48 t 57.5*
'chloroethane-d4(Surrogate QC Std.)			EPA 8260B	53		ug/L	5	VK	07/13/06	*47.5 t 57.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	50		ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected		ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
-Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
C robenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	46	ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	47	ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	48	ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	45	ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	51	ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	53	ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	

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Caprolactam			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
[illegible] 6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
[illegible]ylphthalate	34336		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
ene	34469		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
F sulfan 1	34361		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
in	39380		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
QC Batch 87014										
Total Cyanide	00720		EPA 335.4	Not Detected		ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140										
Beryllium 9	01012		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected		ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected		ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected		ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Silver 107	01077		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected	ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected	ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected	ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978									
Aluminum	01105		EPA 6010B	Not Detected	ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	9700	ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	2200	ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	180	ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
QC Batch 87064									
Mercury	71900		EPA 7470A	Not Detected	ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037									
TCMX surr std			EPA 8081A	0.402	ug/L		JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.528	ug/L		JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected	ug/L	0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
CHLORDANE			EPA 8081A	Not Detected	ug/L	2.0	JGD	07/18/06	
DDD			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
4,4-DDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
4,4-DDT			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/L	3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/L	0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected	ug/L	0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038									
TCMX surr std			EPA 8082	0.402	ug/L		JGD	07/18/06	*0.200 t 0.480*
DCB surr std			EPA 8082	0.528	ug/L		JGD	07/18/06	*0.520 t 1.00*

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1221			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

JHM

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 LAB No.

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10392 TIME: 1225

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ✓ Sludge ___
Ground Water ___ Surface Water ___ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known) ___

Special Precautions:

Sample ID AF37399
Location: HWMB
Description: CAMP GORDON/HW10392
Collector: C. HURST
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
- Semi-Volatiles (Acid & Base/Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides
- Organophosphorous Pesticides
- PCB ✓
- BETX
- Total Petroleum Hydrocarbon

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

2. TOTAL METALS
- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests: Cn

Organics Special Requests:

3. TCLP ORGANICS
- Volatiles
- Semi-Volatiles (Acid & Base/Neutral)
- Pesticides
- Herbicides
- Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS
- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
- Mercury
- Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): Date: Reviewed By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51 RECEIVING LAB

Preservative Confirmed
Ph <2 ___ >12 ___
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	12:25
Sample Collector:	C. HURST
Chlorination:	
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37399
Facility Name:	CAMP GORDON/HW10392
Site ID:	HWMB
Location ID:	
Location Descr:	HW10392/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	6.5	KD	07/18/06	*46.5 t 60.5*
1 hloroethane-d4(Surrogate QC Std.)			EPA 8260B	54		ug/kg (dw)	6.5	KD	07/18/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	6.5	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	47		ug/kg (dw)	6.5	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.6	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Acetone	81552		EPA 8260B	300		ug/kg (dw)	130	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Iodomethane	77424		EPA 8260B	11		ug/kg (dw)	6.5	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	66	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	130	KD	07/18/06	

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Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	66	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	66	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1 2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
E enzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	13	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	6.5	KD	07/18/06	

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/ .YTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	6.5	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	6.5	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	6.5	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	6.5	KD	07/18/06	
Acetaldehyde			EPA 8260B	73 TIE	ug/kg (dw)		KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	59	ug/kg (dw)	0.00	GG	07/18/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	61	ug/kg (dw)	0.00	GG	07/18/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	61	ug/kg (dw)	0.00	GG	07/18/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	63	ug/kg (dw)	0.00	GG	07/18/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	65	ug/kg (dw)	0.00	GG	07/18/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	76	ug/kg (dw)	0.00	GG	07/18/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
[ ] Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
[illegible]lphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	

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p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/18/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/18/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
[n	39380		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
p,p -DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/18/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/18/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/18/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/18/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	3100000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	21000	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	16000	ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	5200	ug/kg (dw)	2500	PSB	07/14/06	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Iron	01170		6010 B	9100000	ug/kg (dw)	10000	PSB	07/14/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	650000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	31000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	13000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	16.9	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	36.4	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
[illegible]DD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	16.9	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	36.4	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	

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JHM

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 **LAB No.** _____

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10394 Time: 0920

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Sample ID AF37400
Location: HWMB
Description: CAMP GORDON/HW10394
Collector: C. HURST
Site:

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cr

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
7 encores

Organics Special Requests: _____

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51 RECEIVING LAB

3. TCLP ORGANICS

Volatiles _____ Pesticides _____
Semi-Volatiles (Acid & Base/Neutral) _____ Herbicides _____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ Additional Metals for TCLP: _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

Preservative Confirmed

Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	9:29
Sample Collector:	C. HURST
Chlorination:	
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37400
Facility Name:	CAMP GORDON/HW10394
Site ID:	HWMB
Location ID:	
Location Descr:	HW10394/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS		RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)		6.4	KD	07/18/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52	ug/kg (dw)		6.4	KD	07/18/06	*45 t 62*
..ene-d8(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)		6.4	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	46	ug/kg (dw)		6.4	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)		2.6	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
Acetone	81552		EPA 8260B	1300	ug/kg (dw)	E	130	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/18/06	
Iodomethane	77424		EPA 8260B	65	ug/kg (dw)		6.4	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)		64	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/18/06	
2-Butanone	81595		EPA 8260B	130	ug/kg (dw)		130	KD	07/18/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	

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1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/18/06	
Total aldehydes			EPA 8260B	550 TIE	ug/kg (dw)		KD	07/18/06	
Pentane			EPA 8260B	92 TIE	ug/kg (dw)		KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	66	ug/kg (dw)	0.00	GG	07/18/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	GG	07/18/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	75	ug/kg (dw)	0.00	GG	07/18/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	GG	07/18/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	59	ug/kg (dw)	0.00	GG	07/18/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	86	ug/kg (dw)	0.00	GG	07/18/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/18/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/18/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/18/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/18/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Caprolactam			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/18/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5200	GG	07/18/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5200	GG	07/18/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5200	GG	07/18/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5200	GG	07/18/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
[illegible]ylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/18/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5200	GG	07/18/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5200	GG	07/18/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/18/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/18/06	

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ene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/18/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	2600	GG	07/18/06	
F sulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/18/06	
in	39380		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/18/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/18/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	2600	GG	07/18/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/18/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	9400	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	4800000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	91000	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	760000	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	6200	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	12000	ug/kg (dw)	1000	PSB	07/14/06	

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Copper	01043		6010 B	6400	ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	11000000	ug/kg (dw)	10000	PSB	07/14/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	2100000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	31000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	17000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	22.1	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	47.1	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
DE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	22.1	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	47.1	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1232			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	

COMMENTS $826BS- EPA 8260B- "E", Estimated value, amount above calibration curve limits. Unable to performed dilution on Encore sample, calculated amount is above calibration curve limits. 7-073106-193

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mg/L: milligrams/liter
mg/kg: milligrams/kilogram
·/kg: micrograms/kilogram
,/g: micrograms/gram
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ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
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VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

JHN

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

LAB No.

Date Submitted To Lab: 7/10/06

Larry Papetti, Time: 1200

HWMB LOG NUMBER: HW10396

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify)

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Sample ID AF37401
Location: HWMB
Description: CAMP GORDON/HW10396
Collector: L. PAPETTI
Site:

Applicable Hazardous Waste Codes (if known)

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

- Semi-Volatiles (Acid & Base\Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides
- Organophosphorous Pesticides
- PCB ✓
- BETX
- Total Petroleum Hydrocarbon

2. TOTAL METALS

- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests: Cr

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

Organics Special Requests:

3. TCLP ORGANICS

- Volatiles
- Semi-Volatiles (Acid & Base/Neutral)
- Pesticides
- Herbicides
- Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS

- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
- Mercury
- Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): Date: Reviewed By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51

Preservative Confirmed

Ph <2 ____ >12 ____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	12:00
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37401
Facility Name:	CAMP GORDON/HW10396
Site ID:	HWMB
Location ID:	
Location Descr:	HW10396/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	6.8	KD	07/18/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	6.8	KD	07/18/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	6.8	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	47		ug/kg (dw)	6.8	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.7	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Acetone	81552		EPA 8260B	160		ug/kg (dw)	140	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	68	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	140	KD	07/18/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	68	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	68	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
E ,benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Hexanal			EPA 8260B	68 TIE	ug/kg (dw)	0.00	KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	82	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	83	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	87	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	93	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
[illegible]yl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
[illegible]ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	

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N-nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
[illegible]ylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
[illegible]ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
r 'rin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
) DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	6200	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	3800000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	11000	ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	5300	ug/kg (dw)	2500	PSB	07/14/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
[illegible]	01170		6010 B	8700000	ug/kg (dw)	10000	PSB	07/14/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	240000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	32000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	14000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	18.3	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	37.6	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
[illegible]DD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
[illegible]DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	18.3	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	37.6	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 **LAB No.**

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10397 Time: 1300

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ___ Sludge ___
Ground Water ___ Surface Water ✓ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known)

Special Precautions:

Sample ID AF37391
Location: HWMB
Description: CAMP GORDON/ HW10397
Collector: C. HURST
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests:

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	

1 HALF GALLONS/ ~~CYANIDE~~
~~NUTRIENTS/SULFATES~~ n
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS

Volatiles	
Semi-Volatiles (Acid & Base/Neutral)	
Pesticides	
Herbicides	

Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	
Mercury	

Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): Date: Reviewed By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:53 RECEIVING LAB

AYR

Preservative Confirmed
Ph <2 MET >12 CN
Temp 0-0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	13:00
Sample Collector:	C. HURST
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37391
Facility Name:	CAMP GORDON/ HW10397
Site ID:	HWMB
Location ID:	
Location Descr:	HW10397

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53		ug/L	5	VK	07/13/06	*48 t 57.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	53		ug/L	5	VK	07/13/06	*47.5 t 57.5*
luene-d8(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected		ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
-Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
robenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	44		ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	50		ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	49		ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	47		ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	51		ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	91		ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
[illegible]-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
[illegible]yl Alcohol	77147		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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Caprolactam			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
? ' 6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
L ylphthalate	34336		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	

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Pyrene	34469		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
QC Batch 87014										
Total Cyanide	00720		EPA 335.4	Not Detected		ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140										
Beryllium 9	01012		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected		ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected		ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected		ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected		ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Silver 107	01077		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected	ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected	ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected	ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978									
Aluminum	01105		EPA 6010B	Not Detected	ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	8300	ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	250	ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	20	ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
QC Batch 87064									
Mercury	71900		EPA 7470A	Not Detected	ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037									
TCMX surr std			EPA 8081A	0.418	ug/L		JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.550	ug/L		JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected	ug/L	0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
CHLORDANE			EPA 8081A	Not Detected	ug/L	2.0	JGD	07/18/06	
DD			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
4,4-DDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
4,4-DDT			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/L	3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/L	0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected	ug/L	0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038									
TCMX surr std			EPA 8082	0.418	ug/L		JGD	07/17/06	*0.200 t 0.480*
DCB surr std			EPA 8082	0.550	ug/L		JGD	07/17/06	*0.520 t 1.00*

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\LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1221			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JGD	07/17/06	

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UHM

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 **LAB No.** _____

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10398 TIME: 1310

File a seperate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37402
Location: HWMB
Description: CAMP GORDON/HW10398
Collector: C. HURST
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

Organics Special Requests:

TOTAL METALS

TCP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51 RECEIVING LAB

2. TCLP ORGANICS

Volatiles _____ Pesticides _____
Semi-Volatiles (Acid & Base/Neutral) _____ Herbicides _____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ Additional Metals for TCLP: _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

Preservative Confirmed

Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	13:10
Sample Collector:	C. HURST
Chlorination:	-
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37402
Facility Name:	CAMP GORDON/HW10398
Site ID:	HWMB
Location ID:	
Location Descr:	HW10398/CAMP GORDON

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	6.8	KD	07/18/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	6.8	KD	07/18/06	*45 t 62*
ene-d8(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	6.8	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	46		ug/kg (dw)	6.8	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.7	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Acetone	81552		EPA 8260B	Not Detected		ug/kg (dw)	140	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	68	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	140	KD	07/18/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dichloroethane	*32103*		*EPA 8260B*	*Not Detected*	*ug/kg (dw)*	*6.8*	*KD*	*07/18/06*	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	68	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	68	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
E[illegible]benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	

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1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	55	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	55	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	55	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	59	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	59	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	69	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
1 [illegible]ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2 [illegible]hylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
F ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4 orophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	

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Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
[illegible]DE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
[illegible]n	39390		EPA 8270C	Not Detected	ug/kg (dw)	2900	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	6100	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	5100000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	24000	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	12000	ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	6400	ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	9200000	ug/kg (dw)	10000	PSB	07/14/06	

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Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	120000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	25000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	20000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	18.4	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	39.0	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	18.4	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	39.0	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/27/06	

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Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

JHM

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

LAB No.

Date Submitted To Lab: 7/10/06 Chris Hurst

HWMB LOG NUMBER: HW10400 Time: 1330

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known)

Special Precautions:

Sample ID AF37403
Location: HWMB
Description: CAMP GORDON/HW10400
Collector: C. HURST
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

- Semi-Volatiles (Acid & Base\Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides
- Organophosphorous Pesticides
- PCB ✓
- BETX
- Total Petroleum Hydrocarbon

2. TOTAL METALS

- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

Organics Special Requests:

3. TCLP ORGANICS

- Volatiles
- Semi-Volatiles (Acid & Base/Neutral)
- Pesticides
- Herbicides
- Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS

- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
- Mercury
- Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): Date: Reviewed By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51 RECEIVING LAB

Preservative Confirmed

Ph <2 ____ >12 ____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 07/10/06 Time Collected: 13:30 Sample Collector: C. HURST Chlorination: Sample Type:
Sample ID: AF37403 Facility Name: CAMP GORDON/HW10400 Site ID: HWMB Location ID: Location Descr: HW10400/CAMP GORDON	Received By: JHM Date Received: 07/10/06 Time Received: 2:51 PM Project: HW Reporting Date: 08/04/06 Received Temperature: 0.0 C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/kg (dw)	5.1	KD	07/18/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	55	ug/kg (dw)	5.1	KD	07/18/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	5.1	KD	07/18/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	46	ug/kg (dw)	5.1	KD	07/18/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.0	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Acetone	81552		EPA 8260B	180	ug/kg (dw)	100	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	51	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	100	KD	07/18/06	

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Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	10	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	10	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	51	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	51	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	10	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	5.1	KD	07/18/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.1	KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	53	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	54	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	52	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	57	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	62	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	71	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/19/06	
[illegible]ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
[illegible]thylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5500	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	5500	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	5500	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	5500	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	5500	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
F[illegible]ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
[illegible]orophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	5500	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	5500	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2200	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1100	GG	07/19/06	

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Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2200	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	2800	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	5500	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
' DDE	39320		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
' n	39390		EPA 8270C	Not Detected		ug/kg (dw)	2700	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	5500	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	2800	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	1100	GG	07/19/06	
QC Batch 87019										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	10000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	21000000		ug/kg (dw)	40000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	29000		ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	4200000		ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	6500		ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	27000		ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	14000		ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	26000000		ug/kg (dw)	20000	PSB	07/14/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	620000	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	2500000	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	230000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	63000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	19000	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	19.0	ug/kg (dw)		JSM	07/27/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	36.6	ug/kg (dw)		JSM	07/27/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	65	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	19.0	ug/kg (dw)		JSM	07/27/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	36.6	ug/kg (dw)		JSM	07/27/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

COMMENTS $TAL_S-6010B: ICP Metals - Reporting limits for Aluminum and Iron raised due to elevated levels of target analytes in sample.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/12/06 **LAB No.** _____

Date Submitted To Lab: 7/13/06

HWMB LOG NUMBER: HW10401 TJML 1330

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (

Sample ID AF3S083
Location: HWMB
Description: CAMP GORDON HW10401
Collector: L. PAPETTI
Site:

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides _____
Organophosphorous Pesticides _____
PCB ✓
BETX _____
Total Petroleum Hydrocarbon _____

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles _____ Pesticides _____
Semi-Volatiles (Acid & Base/Neutral) _____ Herbicides _____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ Additional Metals for TCLP: _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL -3 PM 2:30
RECEIVING LAB

Preservative Confirmed

Ph <2 _____ >12 _____
Temp 0.0

TNB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/12/06
Time Collected:	13:30
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	TNB
Date Received:	07/13/06
Time Received:	2:30 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF38083
Facility Name:	CAMP GORDON / HW10401
Site ID:	HWMB
Location ID:	
Location Descr:	HW10401

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	5.5	KD	07/19/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	5.5	KD	07/19/06	*45 t 62*
ene-d8(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	5.5	KD	07/19/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	44		ug/kg (dw)	5.5	KD	07/19/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.2	KD	07/19/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
Acetone	81552		EPA 8260B	Not Detected		ug/kg (dw)	110	KD	07/19/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	55	KD	07/19/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	5.5	KD	07/19/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	110	KD	07/19/06	

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Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	55	KD	07/19/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	55	KD	07/19/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	

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Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.5	KD	07/19/06	
8270 Semi-Vol in SOIL QC Batch 87330									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	62	ug/kg (dw)	0.00	CLA	07/24/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	66	ug/kg (dw)	0.00	CLA	07/24/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	63	ug/kg (dw)	0.00	CLA	07/24/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	68	ug/kg (dw)	0.00	CLA	07/24/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	CLA	07/24/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	CLA	07/24/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5300	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
DDE	39320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
n	39390		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	9300	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 87150										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/24/06	
Aluminum	01108		6010 B	7200000		ug/kg (dw)	20000	PSB	07/24/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/24/06	
Barium	01008		6010 B	33000		ug/kg (dw)	20000	PSB	07/24/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/24/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	5000	PSB	07/24/06	
Chromium	01029		6010 B	5700		ug/kg (dw)	1000	PSB	07/24/06	
Copper	01043		6010 B	6000		ug/kg (dw)	2500	PSB	07/24/06	
Iron	01170		6010 B	6200000		ug/kg (dw)	10000	PSB	07/24/06	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/24/06	
Magnesium	00924		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/24/06	
Manganese	01053		6010 B	61000		ug/kg (dw)	1500	PSB	07/24/06	
Sodium	00934		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/24/06	
Nickel	01068		6010 B	Not Detected		ug/kg (dw)	4000	PSB	07/24/06	
Lead	01052		6010 B	Not Detected		ug/kg (dw)	9000	PSB	07/24/06	
Antimony	01098		6010 B	Not Detected		ug/kg (dw)	6000	PSB	07/24/06	
Selenium	01148		6010 B	Not Detected		ug/kg (dw)	19000	PSB	07/24/06	
Thallium	34480		6010 B	Not Detected		ug/kg (dw)	20000	PSB	07/24/06	
Vanadium	01088		6010 B	13000		ug/kg (dw)	5000	PSB	07/24/06	
Zinc	01093		6010 B	7500		ug/kg (dw)	2000	PSB	07/24/06	
QC Batch 87328										
Mercury			EPA 7471A	Not Detected		ug/kg (dw)	100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255										
TCMX surr std			EPA 8081A	14.3		ug/kg (dw)		JGD	07/29/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	37.5		ug/kg (dw)		JGD	07/29/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected		ug/kg (dw)	3.5	JGD	07/29/06	
a-BHC			EPA 8081A	Not Detected		ug/kg (dw)	2.0	JGD	07/29/06	
b-BHC			EPA 8081A	Not Detected		ug/kg (dw)	3.0	JGD	07/29/06	
d-BHC			EPA 8081A	Not Detected		ug/kg (dw)	4.5	JGD	07/29/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/kg (dw)	1.0	JGD	07/29/06	
CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	50	JGD	07/29/06	
4,4-DDE			EPA 8081A	Not Detected		ug/kg (dw)	3.0	JGD	07/29/06	
4,4-DDD			EPA 8081A	Not Detected		ug/kg (dw)	7.5	JGD	07/29/06	
DDT			EPA 8081A	Not Detected		ug/kg (dw)	6.5	JGD	07/29/06	
DIELDRIN			EPA 8081A	Not Detected		ug/kg (dw)	2.0	JGD	07/29/06	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JGD	07/29/06	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/kg (dw)	7.5	JGD	07/29/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/kg (dw)	8.0	JGD	07/29/06	
ENDRIN			EPA 8081A	Not Detected		ug/kg (dw)	7.5	JGD	07/29/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/kg (dw)	3.5	JGD	07/29/06	
HEPTACHLOR			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JGD	07/29/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/kg (dw)	4.0	JGD	07/29/06	
TOXAPHENE			EPA 8081A	Not Detected		ug/kg (dw)	130	JGD	07/29/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JGD	07/29/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/kg (dw)	1.0	JGD	07/29/06	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/kg (dw)	20	JGD	07/29/06	
MIREX			EPA 8081A	Not Detected		ug/kg (dw)	3.5	JGD	07/29/06	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JGD	07/29/06	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JGD	07/29/06	
PCBs in Sediments or Soils QC Batch 87256										
TCMX surr std			EPA 8082	14.3		ug/kg (dw)		JGD	07/29/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	37.5		ug/kg (dw)		JGD	07/29/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1221			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1232			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10402 TIME 1100

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37604
Location: HWMB
Description: CAMP GORDON/ HW10402
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP: _____
Pesticides
Herbicides

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury
Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	11:00
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37604
Facility Name:	CAMP GORDON/ HW10402
Site ID:	HWMB
Location ID:	
Location Descr:	HW10402

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/kg (dw)		9.9	KD	07/19/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	58	ug/kg (dw)		9.9	KD	07/19/06	*45 t 62*
luene-d8(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)		9.9	KD	07/19/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	41	ug/kg (dw)		9.9	KD	07/19/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)		3.9	KD	07/19/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Acetone	81552		EPA 8260B	390	ug/kg (dw)	E	200	KD	07/19/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)		98	KD	07/19/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)		200	KD	07/19/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)		98	KD	07/19/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)		98	KD	07/19/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)		20	KD	07/19/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)		9.9	KD	07/19/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	

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1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	J	9.9	KD	07/19/06	
8270 Semi-Vol in SOIL QC Batch 87270										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	68	ug/kg (dw)		0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	70	ug/kg (dw)		0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	65	ug/kg (dw)		0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)		0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	77	ug/kg (dw)		0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	81	ug/kg (dw)		0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)		2000	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)		2000	GG	07/19/06	
1 Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
thylphenol			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)		2000	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)		5000	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)		2000	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	

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-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
F[illegible]rene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
[illegible]orophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	

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Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
[illegible]	39390		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Alnulin			EPA 8270C	14000 TIE	ug/kg (dw)		GG	07/19/06	
Lup-20(29)-en-3-one			EPA 8270C	39000 TIE	ug/kg (dw)		GG	07/19/06	
Hop-22-(29)-en-3beta-ol			EPA 8270C	76000 TIE	ug/kg (dw)		GG	07/19/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	9100	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86996									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/20/06	
Aluminum	01108		6010 B	4200000	ug/kg (dw)	20000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/20/06	
Barium	01008		6010 B	41000	ug/kg (dw)	20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/20/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/20/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/20/06	

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Chromium	01029		6010 B	3900		ug/kg (dw)	1000	PSB	07/20/06	
Copper	01043		6010 B	2700		ug/kg (dw)	2500	PSB	07/20/06	
Iron	01170		6010 B	4700000		ug/kg (dw)	10000	PSB	07/20/06	
Potassium	00938		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/20/06	
Magnesium	00924		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/20/06	
Manganese	01053		6010 B	23000		ug/kg (dw)	1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/20/06	
Nickel	01068		6010 B	Not Detected		ug/kg (dw)	4000	PSB	07/20/06	
Lead	01052		6010 B	27000		ug/kg (dw)	9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected		ug/kg (dw)	6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected		ug/kg (dw)	19000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected		ug/kg (dw)	20000	PSB	07/20/06	
Vanadium	01088		6010 B	12000		ug/kg (dw)	5000	PSB	07/20/06	
Zinc	01093		6010 B	9300		ug/kg (dw)	2000	PSB	07/20/06	
QC Batch 87315										
Mercury			EPA 7471A	Not Detected		ug/kg (dw)	100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175										
TCMX surr std			EPA 8081A	21.6		ug/kg (dw)		JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	35.7		ug/kg (dw)		JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected		ug/kg (dw)	3.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected		ug/kg (dw)	2.0	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected		ug/kg (dw)	3.0	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected		ug/kg (dw)	4.5	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/kg (dw)	1.0	JSM	07/28/06	
RDANE			EPA 8081A	Not Detected		ug/kg (dw)	50	JSM	07/28/06	
4,4-DDE			EPA 8081A	4.4		ug/kg (dw)	3.0	JSM	07/28/06	
4,4-DDD			EPA 8081A	Not Detected		ug/kg (dw)	7.5	JSM	07/28/06	
4,4-DDT			EPA 8081A	Not Detected		ug/kg (dw)	6.5	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected		ug/kg (dw)	2.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/kg (dw)	7.5	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/kg (dw)	8.0	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected		ug/kg (dw)	7.5	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/kg (dw)	3.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	6.0		ug/kg (dw)	4.0	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected		ug/kg (dw)	130	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/kg (dw)	1.0	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/kg (dw)	20	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected		ug/kg (dw)	3.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	5.0	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176										
TCMX surr std			EPA 8082	21.6		ug/kg (dw)		JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	35.7		ug/kg (dw)		JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	

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Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	

COMMENTS $826BS-EPA 8260B- Sample had one internal compound, 1,4-Dichlorobenzene-d4 (38% response, limits 50-200%) with a response outside acceptable control limits due to sample matrix interferences. All associated compounds will be "J" , as estimated values. "E", Estimated value. Mid-level CCV had one compound, Acetone (-37% Deviation, limits ± 20% Deviation) with a % Deviation outside acceptable control limits. Compound present in sample will be "E", as estimated value. 7-080106-195

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mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
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ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
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LSPC: result less than lower specification
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TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10403 Time 1120

File a separate Request Sheet for each sample point)

Sample ID AF37605
Location: HWMB
Description: CAMP GORDON/ HW 10403
Collector: L. PAPETTI

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions: One en Core Cap broken Couldn't set to latch

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:
Pesticides
Herbicides

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury
Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
LABORATORIES
JUL 12 AM 9:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	11:20
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37605
Facility Name:	CAMP GORDON/ HW 10403
Site ID:	HWMB
Location ID:	
Location Descr:	HW10403

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	54	ug/kg (dw)	6.0	KD	07/25/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	61	ug/kg (dw)	6.0	KD	07/25/06	*45 t 62*
ene-d8(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	6.0	KD	07/25/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	44	ug/kg (dw)	6.0	KD	07/25/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	07/25/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.4	KD	07/25/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	07/25/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	07/25/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Acetone	81552		EPA 8260B	160	ug/kg (dw)	120	KD	07/25/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	07/25/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	07/25/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	60	KD	07/25/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	120	KD	07/25/06	

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Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/25/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/25/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	60	KD	07/25/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	60	KD	07/25/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	07/25/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	07/25/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	07/25/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	67	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	69	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	68	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	73	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	73	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	82	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
1 ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2 hylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5000	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5000	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5000	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5000	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
F[illegible]ene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
[illegible]orophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5000	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5000	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	

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Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
]DE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
L .in	39390		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	5000	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	2500	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Alnulin			EPA 8270C	7000 TIE	ug/kg (dw)		GG	07/19/06	
Lup-20(29)-en-3-one			EPA 8270C	17000 TIE	ug/kg (dw)		GG	07/19/06	
Lup-20(29)-en-3-ol			EPA 8270C	37000 TIE	ug/kg (dw)		GG	07/19/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	9100	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86996									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/20/06	
Aluminum	01108		6010 B	3600000	ug/kg (dw)	20000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/20/06	
Barium	01008		6010 B	25000	ug/kg (dw)	20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/20/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/20/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/20/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Chromium	01029		6010 B	5100	ug/kg (dw)	1000	PSB	07/20/06	
Copper	01043		6010 B	Not Detected	ug/kg (dw)	2500	PSB	07/20/06	
Iron	01170		6010 B	4400000	ug/kg (dw)	10000	PSB	07/20/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/20/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/20/06	
Manganese	01053		6010 B	17000	ug/kg (dw)	1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/20/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/20/06	
Lead	01052		6010 B	17000	ug/kg (dw)	9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/20/06	
Vanadium	01088		6010 B	12000	ug/kg (dw)	5000	PSB	07/20/06	
Zinc	01093		6010 B	7400	ug/kg (dw)	2000	PSB	07/20/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	22.7	ug/kg (dw)		JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	35.1	ug/kg (dw)		JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/28/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/28/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/28/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/28/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	22.7	ug/kg (dw)		JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	35.1	ug/kg (dw)		JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1221			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10404 TIME 1515

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37606
Location: HWMB
Description: CAMP GORDON/ HW 10404
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides _____
Organophosphorous Pesticides _____
PCB ✓
BETX _____
Total Petroleum Hydrocarbon _____

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1/4 16 OZ. JARS
Encores

3. TCLP ORGANICS

Volatiles _____
Semi-Volatiles (Acid & Base/Neutral) _____
Additional Specific Organics for TCLP: _____
Pesticides _____
Herbicides _____

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.10

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
Mercury _____
Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
JUL 12 AM 9:42
RECEIVING LAB

AYP

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	15:15
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37606
Facility Name:	CAMP GORDON/ HW 10404
Site ID:	HWMB
Location ID:	
Location Descr:	HW10404

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53		ug/kg (dw)	18	KD	07/25/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	53		ug/kg (dw)	18	KD	07/25/06	*45 t 62*
luene-d8(Surrogate QC Std.)			EPA 8260B	47		ug/kg (dw)	18	KD	07/25/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	41		ug/kg (dw)	18	KD	07/25/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	35	KD	07/25/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/25/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	35	KD	07/25/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	35	KD	07/25/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
Acetone	81552		EPA 8260B	2300	E	ug/kg (dw)	350	KD	07/25/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	35	KD	07/25/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	35	KD	07/25/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	180	KD	07/25/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	18	KD	07/25/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	350	KD	07/25/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	35	KD	07/25/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	35	KD	07/25/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	180	KD	07/25/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	180	KD	07/25/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	35	KD	07/25/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
..,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	18	KD	07/25/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	55	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	60	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	60	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	70	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	95	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
' Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
ethylphenol			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
·ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
·lorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	

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Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	18000	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	18000	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	37000	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	18000	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	7300	GG	07/19/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	12000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86996									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/20/06	
Aluminum	01108		6010 B	12000000	ug/kg (dw)	20000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/20/06	
Barium	01008		6010 B	270000	ug/kg (dw)	20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/20/06	
Calcium	00917		6010 B	19000000	ug/kg (dw)	1000000	PSB	07/20/06	
Cadmium	01028		6010 B	540	ug/kg (dw)	500	PSB	07/20/06	
Cobalt	01038		6010 B	5900	ug/kg (dw)	5000	PSB	07/20/06	
Chromium	01029		6010 B	19000	ug/kg (dw)	1000	PSB	07/20/06	
Copper	01043		6010 B	33000	ug/kg (dw)	2500	PSB	07/20/06	
Iron	01170		6010 B	14000000	ug/kg (dw)	10000	PSB	07/20/06	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	1500000	ug/kg (dw)	500000	PSB	07/20/06	
Magnesium	00924		6010 B	2200000	ug/kg (dw)	500000	PSB	07/20/06	
Manganese	01053		6010 B	1500000	ug/kg (dw)	1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/20/06	
Nickel	01068		6010 B	9600	ug/kg (dw)	4000	PSB	07/20/06	
Lead	01052		6010 B	56000	ug/kg (dw)	9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/20/06	
Vanadium	01088		6010 B	30000	ug/kg (dw)	5000	PSB	07/20/06	
Zinc	01093		6010 B	330000	ug/kg (dw)	2000	PSB	07/20/06	
QC Batch 87315									
Mercury			EPA 7471A	140	ug/kg (dw)	100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	16.4	ug/kg (dw)	0.00	JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	38.1	ug/kg (dw)	0.00	JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	5.2	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/28/06	
b-BHC			EPA 8081A	6.3	ug/kg (dw)	4.4	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	6.7	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.5	JSM	07/28/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	74	JSM	07/28/06	
4,4-DDE			EPA 8081A	6.1	ug/kg (dw)	4.4	JSM	07/28/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	11	JSM	07/28/06	
DDT			EPA 8081A	Not Detected	ug/kg (dw)	9.6	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	7.4	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	11	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	12	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	11	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	5.2	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	7.4	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	5.9	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	190	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	7.4	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.5	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	30	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	5.2	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	7.4	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	10	ug/kg (dw)	7.4	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	16.4	ug/kg (dw)	0.00	JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	38.1	ug/kg (dw)	0.00	JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	49	JSM	07/28/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	49	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	49	JSM	07/28/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	49	JSM	07/28/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	49	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	49	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	49	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	49	JSM	07/28/06	

COMMENTS TAL_S-6010B: ICP Metals - Reporting limits for Calcium raised due to high concentration of target analyte in the sample.

COMMENTS $827CS - EPA 8270C - Reporting limits raised due to elevated concentrations of non-target compounds.

COMMENTS $826BS- EPA 8260B- "E", estimated value, amount above calibration curve limits. Unable to performed dilution on Encore sample, calculated amount is above calibration curve limits. 7-080106-195

COMMENTS $8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in the sample.

COMMENTS $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in the sample.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06 Larry

HWMB LOG NUMBER: HW10405 TIME: 1235

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37607
Location: HWMB
Description: CAMP GORDON/ HW10405
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓		
Volatiles	✓	2	4 OZ. JARS
Pesticides	✓	3	8 OZ. JARS
Herbicides			
Organophosphorous Pesticides			
PCB	✓	1	16 OZ. JARS
BETX			
Total Petroleum Hydrocarbon		4	Encores

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:

Pesticides
Herbicides

Preservative Confirmed
Pb <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
Mercury _____

Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 8:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	12:35
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37607
Facility Name:	CAMP GORDON/ HW10405
Site ID:	HWMB
Location ID:	
Location Descr:	HW10405

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	54	ug/kg (dw)	5.3	KD	07/25/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	59	ug/kg (dw)	5.3	KD	07/25/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	5.3	KD	07/25/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	46	ug/kg (dw)	5.3	KD	07/25/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.1	KD	07/25/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Acetone	81552		EPA 8260B	120	ug/kg (dw)	110	KD	07/25/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	53	KD	07/25/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	110	KD	07/25/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	53	KD	07/25/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	53	KD	07/25/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
' ',2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
. .benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/25/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	5.3	KD	07/25/06	

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Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	07/25/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	07/25/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	07/25/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	07/25/06	
Hexanal			EPA 8260B	53	TIE	ug/kg (dw)		KD	07/25/06	
8270 Semi-Vol in SOIL QC Batch 87270										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	63		ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	63		ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	63		ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	66		ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	71		ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	72		ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/kg (dw)	2100	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
F[illegible]yl Alcohol	77147		EPA 8270C	Not Detected		ug/kg (dw)	2100	GG	07/19/06	
[illegible]ichlorobenzene	34536		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/kg (dw)	2100	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/kg (dw)	5200	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/kg (dw)	2100	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	

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org/L: organisms/liter

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RL: Reporting Limit
LSPC: result less than lower specification
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TIE: Tentatively Identified or Estimated
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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2100	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
r ylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
, .ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2100	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2100	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)		2100	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)		2600	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)		5200	GG	07/19/06	
[illegible]in	39380		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
[illegible]DE	39320		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)		2500	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)		5200	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)		2600	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)		9300	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 86996										
Silver	01078		6010 B	Not Detected	ug/kg (dw)		2000	PSB	07/20/06	
Aluminum	01108		6010 B	16000000	ug/kg (dw)		40000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)		8000	PSB	07/20/06	
Barium	01008		6010 B	310000	ug/kg (dw)		20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)		500	PSB	07/20/06	
Calcium	00917		6010 B	4800000	ug/kg (dw)		500000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	D	5000	PSB	07/20/06	
Cobalt	01038		6010 B	12000	ug/kg (dw)		5000	PSB	07/20/06	
Chromium	01029		6010 B	31000	ug/kg (dw)		1000	PSB	07/20/06	
Copper	01043		6010 B	27000	ug/kg (dw)		2500	PSB	07/20/06	

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Iron	01170		6010 B	24000000	ug/kg (dw)		20000	PSB	07/20/06	
Potassium	00938		6010 B	7300000	ug/kg (dw)		500000	PSB	07/20/06	
Magnesium	00924		6010 B	8700000	ug/kg (dw)		500000	PSB	07/20/06	
Manganese	01053		6010 B	310000	ug/kg (dw)		1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		500000	PSB	07/20/06	
Nickel	01068		6010 B	15000	ug/kg (dw)		4000	PSB	07/20/06	
Lead	01052		6010 B	19000	ug/kg (dw)		9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	D	190000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		20000	PSB	07/20/06	
Vanadium	01088		6010 B	62000	ug/kg (dw)		5000	PSB	07/20/06	
Zinc	01093		6010 B	61000	ug/kg (dw)		2000	PSB	07/20/06	
QC Batch 87315										
Mercury			EPA 7471A	Not Detected	ug/kg (dw)		100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175										
TCMX surr std			EPA 8081A	15.4	ug/kg (dw)			JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	41.3	ug/kg (dw)			JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.0	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.0	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		50	JSM	07/28/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		3.0	JSM	07/28/06	
DD			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)		2.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		8.0	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		4.0	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		130	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		20	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	7.0	ug/kg (dw)		5.0	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	6.0	ug/kg (dw)		5.0	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176										
TCMX surr std			EPA 8082	15.4	ug/kg (dw)			JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	41.3	ug/kg (dw)			JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	

COMMENTS TAL_S-6010B: ICP Metals - Reporting limits for Aluminum and Iron raised due to high concentration of target analytes in the sample.Reporting limits for Silver, Selenium and Cadmium was raised due to interference. 'D' flag: Dilution was done on 7/24/06 with all QC acceptable.

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mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10406 TIME 1315

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37608
Location: HWMB
Description: CAMP GORDON/ HW 10406
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:
Pesticides
Herbicides

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury
Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	13:15
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37608
Facility Name:	CAMP GORDON/ HW 10406
Site ID:	HWMB
Location ID:	
Location Descr:	HW10406

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/kg (dw)	7.1	KD	07/19/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	59	ug/kg (dw)	7.1	KD	07/19/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	7.1	KD	07/19/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	44	ug/kg (dw)	7.1	KD	07/19/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.8	KD	07/19/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Acetone	81552		EPA 8260B	140	ug/kg (dw)	140	KD	07/19/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	71	KD	07/19/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	140	KD	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	71	KD	07/19/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	71	KD	07/19/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
E...benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/19/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	7.1	KD	07/19/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	74	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	74	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	73	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	75	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	74	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	75	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/19/06	
ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
ethylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	7800	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	3100	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1600	GG	07/19/06	

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4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	3100	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	7800	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	7800	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	7800	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	7800	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
' ene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
4 ..orophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	3100	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	7800	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	7800	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	3100	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1600	GG	07/19/06	

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\LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)		3100	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)		3900	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)		7800	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
›DE	39320		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
E ..in	39390		EPA 8270C	Not Detected	ug/kg (dw)		3800	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)		7800	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)		3900	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)		1600	GG	07/19/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)		13800	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 86996										
Silver	01078		6010 B	Not Detected	ug/kg (dw)		10000	PSB	07/20/06	
Aluminum	01108		6010 B	29000000	ug/kg (dw)		200000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)		80000	PSB	07/20/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)		200000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)		5000	PSB	07/20/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	D	50000	PSB	07/20/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)		50000	PSB	07/20/06	
Chromium	01029		6010 B	50000	ug/kg (dw)		10000	PSB	07/20/06	
Copper	01043		6010 B	81000	ug/kg (dw)		25000	PSB	07/20/06	
Iron	01170		6010 B	68000000	ug/kg (dw)		100000	PSB	07/20/06	

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\LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	07/20/06	
Magnesium	00924		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	07/20/06	
Manganese	01053		6010 B	250000		ug/kg (dw)	15000	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	07/20/06	
Nickel	01068		6010 B	Not Detected		ug/kg (dw)	40000	PSB	07/20/06	
Lead	01052		6010 B	Not Detected		ug/kg (dw)	90000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected		ug/kg (dw)	60000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected		ug/kg (dw)	190000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected		ug/kg (dw)	200000	PSB	07/20/06	
Vanadium	01088		6010 B	190000		ug/kg (dw)	50000	PSB	07/20/06	
Zinc	01093		6010 B	48000		ug/kg (dw)	20000	PSB	07/20/06	
QC Batch 87315										
Mercury			EPA 7471A	Not Detected		ug/kg (dw)	100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175										
TCMX surr std			EPA 8081A	16.3		ug/kg (dw)	0.00	JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	34.1		ug/kg (dw)	0.00	JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected		ug/kg (dw)	5.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected		ug/kg (dw)	3.2	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected		ug/kg (dw)	4.7	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected		ug/kg (dw)	7.1	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/kg (dw)	1.6	JSM	07/28/06	
CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	79	JSM	07/28/06	
4,4-DDE			EPA 8081A	Not Detected		ug/kg (dw)	4.7	JSM	07/28/06	
4,4-DDD			EPA 8081A	Not Detected		ug/kg (dw)	12	JSM	07/28/06	
DDT			EPA 8081A	Not Detected		ug/kg (dw)	10	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected		ug/kg (dw)	3.2	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/kg (dw)	7.9	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/kg (dw)	12	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/kg (dw)	13	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected		ug/kg (dw)	12	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/kg (dw)	5.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected		ug/kg (dw)	7.9	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/kg (dw)	6.3	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected		ug/kg (dw)	210	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/kg (dw)	7.9	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/kg (dw)	1.6	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/kg (dw)	32	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected		ug/kg (dw)	5.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	7.9	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	7.9	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176										
TCMX surr std			EPA 8082	16.3		ug/kg (dw)	0.00	JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	34.1		ug/kg (dw)	0.00	JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected		ug/kg (dw)	52	JSM	07/28/06	
PCB-1221			EPA 8082	Not Detected		ug/kg (dw)	52	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected		ug/kg (dw)	52	JSM	07/28/06	
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	52	JSM	07/28/06	

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.YTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	52	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	52	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	52	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	52	JSM	07/28/06	

COMMENTS $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interference in the sample.'D' flag: Reporting limits for Cadmium raised due to matrix interference. 'D' flag: Dilution was done on 7/24/06 with all QC acceptable.

COMMENTS $8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in the sample.

COMMENTS $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in the sample.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10407 Time: 1420

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37609
Location: HWMB
Description: CAMP GORDON/ HW 10407
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:

Pesticides
Herbicides

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
Mercury _____

Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	14:20
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37609
Facility Name:	CAMP GORDON/ HW 10407
Site ID:	HWMB
Location ID:	
Location Descr:	HW10407

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	29	KD	07/24/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	29	KD	07/24/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	47		ug/kg (dw)	29	KD	07/24/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	44		ug/kg (dw)	29	KD	07/24/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	57	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	57	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	57	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
Acetone	81552		EPA 8260B	1100		ug/kg (dw)	570	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	57	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	57	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	290	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	29	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	570	KD	07/24/06	

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Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	57	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	57	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	290	KD	07/24/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	290	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,1,2,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	57	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	

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1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	29	KD	07/24/06	
Pentane			EPA 8260B	1200 TIE	ug/kg (dw)		KD	07/24/06	
Hexanal			EPA 8260B	2100 TIE	ug/kg (dw)		KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	77	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	75	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	84	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
ichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
b...zyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	

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Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
[illegible]6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Di[illegible]ylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	

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Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	14000	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	17000	GG	07/19/06	
sulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	35000	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Endrin	39390		EPA 8270C	Not Detected		ug/kg (dw)	17000	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	35000	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	17000	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	7000	GG	07/19/06	
Stigmast-5-en-3-ol			EPA 8270C	33000 TIE		ug/kg (dw)		GG	07/19/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	13000	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 86996										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/20/06	
Aluminum	01108		6010 B	9600000		ug/kg (dw)	20000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/20/06	
Barium	01008		6010 B	290000		ug/kg (dw)	20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/20/06	
Calcium	00917		6010 B	26000000		ug/kg (dw)	2000000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/20/06	
Cobalt	01038		6010 B	6600		ug/kg (dw)	5000	PSB	07/20/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Chromium	01029		6010 B	18000	ug/kg (dw)		1000	PSB	07/20/06	
Copper	01043		6010 B	38000	ug/kg (dw)		2500	PSB	07/20/06	
Iron	01170		6010 B	12000000	ug/kg (dw)		10000	PSB	07/20/06	
Potassium	00938		6010 B	1600000	ug/kg (dw)		500000	PSB	07/20/06	
Magnesium	00924		6010 B	3000000	ug/kg (dw)		500000	PSB	07/20/06	
Manganese	01053		6010 B	1500000	ug/kg (dw)		1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		500000	PSB	07/20/06	
Nickel	01068		6010 B	8100	ug/kg (dw)		4000	PSB	07/20/06	
Lead	01052		6010 B	50000	ug/kg (dw)		9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)		19000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		20000	PSB	07/20/06	
Vanadium	01088		6010 B	28000	ug/kg (dw)		5000	PSB	07/20/06	
Zinc	01093		6010 B	270000	ug/kg (dw)		2000	PSB	07/20/06	
QC Batch 87315										
Mercury			EPA 7471A	Not Detected	ug/kg (dw)		100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175										
TCMX surr std			EPA 8081A	16.6	ug/kg (dw)			JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	41.3	ug/kg (dw)			JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.0	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.0	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JSM	07/28/06	
L[illegible]ANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
[illegible]RDANE			EPA 8081A	150	ug/kg (dw)	J	50	JSM	07/28/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		3.0	JSM	07/28/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JSM	07/28/06	
DIELDRIN			EPA 8081A	6.0	ug/kg (dw)		2.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		8.0	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	6.0	ug/kg (dw)		4.0	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		130	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		20	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	16	ug/kg (dw)		5.0	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	12	ug/kg (dw)		5.0	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176										
TCMX surr std			EPA 8082	16.6	ug/kg (dw)			JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	41.3	ug/kg (dw)			JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1221			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	

COMMENTS TAL_S-6010B: ICP Metals - Reporting limits for Calcium raised due to high concentration of target analyte in sample.

COMMENTS $827CS - EPA 8270C - Reporting limits raised due to elevated concentrations of non-target compounds.

COMMENTS $8081S - EPA 8081A - "J" - Estimated value. Pattern exhibited signs of weathering with some early peaks missing or very low.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10408 Time: 1243

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37610
Location: HWMB
Description: CAMP GORDON/ HW 10408
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cr

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles	
Semi-Volatiles (Acid & Base/Neutral)	
Additional Specific Organics for TCLP	
Pesticides	
Herbicides	

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)		Additional Metals for TCLP:	
Mercury			

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 PM 3:42
RECEIVING LAB

Reviewed By: (HWMB):		Date:		Reviewed By (EPD Lab):	
Approved By:(HWMB):		Date:		Date (EPD Lab):	

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	12:45
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37610
Facility Name:	CAMP GORDON/ HW 10408
Site ID:	HWMB
Location ID:	
Location Descr:	HW10408

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	54	ug/kg (dw)		5.2	KD	07/19/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	59	ug/kg (dw)		5.2	KD	07/19/06	*45 t 62*
ıuene-d8(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)		5.2	KD	07/19/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	44	ug/kg (dw)		5.2	KD	07/19/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)		10	KD	07/19/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)		2.1	KD	07/19/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)		10	KD	07/19/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)		10	KD	07/19/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
Acetone	81552		EPA 8260B	180	ug/kg (dw)	E	100	KD	07/19/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)		10	KD	07/19/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)		10	KD	07/19/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)		52	KD	07/19/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)		5.2	KD	07/19/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)		100	KD	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/19/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/19/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	52	KD	07/19/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	52	KD	07/19/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
' '.2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
. .benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	07/19/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	07/19/06	
Total aldehydes			EPA 8260B	430 TIE	ug/kg (dw)		KD	07/19/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	70	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	70	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	73	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	75	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	76	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	74	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
yl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5100	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	

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N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5100	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5100	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5100	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5100	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
ıylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
, ɔrene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5100	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5100	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2000	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1000	GG	07/19/06	

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p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)		2000	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)		2500	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)		5100	GG	07/19/06	
Irin	39380		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)		2500	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)		5100	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)		2500	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)		9300	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 86996										
Silver	01078		6010 B	Not Detected	ug/kg (dw)		2000	PSB	07/20/06	
Aluminum	01108		6010 B	15000000	ug/kg (dw)		40000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)		8000	PSB	07/20/06	
Barium	01008		6010 B	290000	ug/kg (dw)		20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)		500	PSB	07/20/06	
Calcium	00917		6010 B	6600000	ug/kg (dw)		500000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	D	5000	PSB	07/20/06	
Cobalt	01038		6010 B	14000	ug/kg (dw)		5000	PSB	07/20/06	
Chromium	01029		6010 B	24000	ug/kg (dw)		1000	PSB	07/20/06	
Copper	01043		6010 B	39000	ug/kg (dw)		2500	PSB	07/20/06	

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Iron	01170		6010 B	21000000	ug/kg (dw)	20000	PSB	07/20/06	
Potassium	00938		6010 B	7800000	ug/kg (dw)	500000	PSB	07/20/06	
Magnesium	00924		6010 B	7600000	ug/kg (dw)	500000	PSB	07/20/06	
Manganese	01053		6010 B	480000	ug/kg (dw)	1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/20/06	
Nickel	01068		6010 B	11000	ug/kg (dw)	4000	PSB	07/20/06	
Lead	01052		6010 B	14000	ug/kg (dw)	9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	38000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/20/06	
Vanadium	01088		6010 B	71000	ug/kg (dw)	5000	PSB	07/20/06	
Zinc	01093		6010 B	130000	ug/kg (dw)	2000	PSB	07/20/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std			EPA 8081A	17.7	ug/kg (dw)		JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	44.4	ug/kg (dw)		JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/28/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/28/06	
DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/28/06	
DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/28/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std			EPA 8082	17.7	ug/kg (dw)		JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	44.4	ug/kg (dw)		JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JSM	07/28/06	

COMMENTS TAL_S-6010B: ICP Metals - Reporting limits for Aluminum and Iron raised due to high concentration of target analytes in the sample.Reporting limits for Silver , Selenium and Cadmium was raised due to matrix interference.'D' flag: Dilution was done on 7/24/06 with all the QC accepteble.

COMMENTS $826BS- EPA 8260B- "E", Estimated value. Mid-level CCV had one compound, Acetone (-37% Deviation, limits ± 20% Deviation) with a % Deviation outside acceptable control limits. Compound present in sample will be "E", as estimated value. 7-080106-195

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10409 Time 1300

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37611
Location: HWMB
Description: CAMP GORDON. HW 10409
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	
Additional Specific Organics for TCLP:			

Preservative Confirmed
Pb <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)		Additional Metals for TCLP:	
Mercury			

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):** _____

RECEIVED
2006 JUL 12 AM 9:42
RECEIVING LAB
LABORATORIES

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	13:00
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37611
Facility Name:	CAMP GORDON/ HW 10409
Site ID:	HWMB
Location ID:	
Location Descr:	HW10409

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	5.4	KD	07/19/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	54		ug/kg (dw)	5.4	KD	07/19/06	*45 t 62*
...ene-d8(Surrogate QC Std.)			EPA 8260B	50		ug/kg (dw)	5.4	KD	07/19/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	45		ug/kg (dw)	5.4	KD	07/19/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.2	KD	07/19/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
Acetone	81552		EPA 8260B	Not Detected		ug/kg (dw)	110	KD	07/19/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/19/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	54	KD	07/19/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	5.4	KD	07/19/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	110	KD	07/19/06	

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'ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	54	KD	07/19/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	54	KD	07/19/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
[illegible] 2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
[illegible] benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	07/19/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.4	KD	07/19/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	65	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	66	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	68	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	68	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	71	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
[illegible]ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
[illegible]thylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
[illegible]ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
[illegible]orophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	5200	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2000	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1000	GG	07/19/06	

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Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)		2000	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)		2600	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)		5200	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
)DE	39320		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
L. .in	39390		EPA 8270C	Not Detected	ug/kg (dw)		2500	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)		5200	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)		2600	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)		1000	GG	07/19/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)		9400	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 86996										
Silver	01078		6010 B	Not Detected	ug/kg (dw)		2000	PSB	07/20/06	
Aluminum	01108		6010 B	18000000	ug/kg (dw)		40000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)		8000	PSB	07/20/06	
Barium	01008		6010 B	370000	ug/kg (dw)		20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)		500	PSB	07/20/06	
Calcium	00917		6010 B	5300000	ug/kg (dw)		500000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	D	5000	PSB	07/20/06	
Cobalt	01038		6010 B	15000	ug/kg (dw)		5000	PSB	07/20/06	
Chromium	01029		6010 B	29000	ug/kg (dw)		1000	PSB	07/20/06	
Copper	01043		6010 B	22000	ug/kg (dw)		2500	PSB	07/20/06	
Iron	01170		6010 B	24000000	ug/kg (dw)		20000	PSB	07/20/06	

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Potassium	00938		6010 B	10000000	ug/kg (dw)		500000	PSB	07/20/06	
Magnesium	00924		6010 B	11000000	ug/kg (dw)		500000	PSB	07/20/06	
Manganese	01053		6010 B	340000	ug/kg (dw)		1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		500000	PSB	07/20/06	
Nickel	01068		6010 B	14000	ug/kg (dw)		4000	PSB	07/20/06	
Lead	01052		6010 B	9100	ug/kg (dw)		9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	D	190000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		20000	PSB	07/20/06	
Vanadium	01088		6010 B	73000	ug/kg (dw)		5000	PSB	07/20/06	
Zinc	01093		6010 B	39000	ug/kg (dw)		2000	PSB	07/20/06	
QC Batch 87315										
Mercury			EPA 7471A	Not Detected	ug/kg (dw)		100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175										
TCMX surr std			EPA 8081A	17.8	ug/kg (dw)			JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	37.2	ug/kg (dw)			JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.0	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.0	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		50	JSM	07/28/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		3.0	JSM	07/28/06	
4 ' DDD			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
DT			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)		2.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		8.0	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		4.0	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		130	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		20	JSM	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176										
TCMX surr std			EPA 8082	17.8	ug/kg (dw)			JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	37.2	ug/kg (dw)			JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	

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PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	

COMMENTS TAL_S-6010B: ICP Metals - Reporting limits for Aluminum and Iron raised due to high concentration of target analytes in the sample.Reporting limits for Silver, Selenium and Cadmium raised due to matrix interference.'D' flag: Dilution was done on 7/24/06 .

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10410 Time 0810

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37612
Location: HWMB
Description: CAMP GORDON/ HW 10410
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:

Preservative Confirmed
Ph <2 _____ >12 _____
Temp O.D

Pesticides
Herbicides

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury

Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

AYF

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	8:10
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37612
Facility Name:	CAMP GORDON/ HW 10410
Site ID:	HWMB
Location ID:	
Location Descr:	HW10410

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)		7.6	KD	07/24/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51	ug/kg (dw)		7.6	KD	07/24/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)		7.6	KD	07/24/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	43	ug/kg (dw)		7.6	KD	07/24/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)		15	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)		3.1	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)		15	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)		15	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
Acetone	81552		EPA 8260B	670	ug/kg (dw)	E	150	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)		15	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)		15	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)		76	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)		7.6	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)		150	KD	07/24/06	

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LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	15	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	15	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	76	KD	07/24/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	76	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
.oenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	15	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	7.6	KD	07/24/06	

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1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	7.6	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	7.6	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	7.6	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	7.6	KD	07/24/06	
Pentane			EPA 8260B	110	TIE	ug/kg (dw)		KD	07/24/06	
Total aldehydes			EPA 8260B	390	TIE	ug/kg (dw)		KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87330										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	62		ug/kg (dw)	0.00	CLA	07/24/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	62		ug/kg (dw)	0.00	CLA	07/24/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	60		ug/kg (dw)	0.00	CLA	07/24/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	70		ug/kg (dw)	0.00	CLA	07/24/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	80		ug/kg (dw)	0.00	CLA	07/24/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	90		ug/kg (dw)	0.00	CLA	07/24/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/kg (dw)	11000	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Phenol	34694		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
[illegible]ichlorobenzene	34571		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
[illegible]yl Alcohol	77147		EPA 8270C	Not Detected		ug/kg (dw)	11000	CLA	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/kg (dw)	11000	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/kg (dw)	29000	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/kg (dw)	11000	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/kg (dw)	5800	CLA	07/24/06	

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ɔaprolactam			EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	29000	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	29000	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	29000	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	29000	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
⁻ '.6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
. ,ylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	29000	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	29000	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	5800	CLA	07/24/06	

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Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)		11000	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)		15000	CLA	07/24/06	
sulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)		29000	CLA	07/24/06	
L..drin	39380		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)		14000	CLA	07/24/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)		29000	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)		15000	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)		5800	CLA	07/24/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)		10000	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 86996										
Silver	01078		6010 B	Not Detected	ug/kg (dw)		2000	PSB	07/20/06	
Aluminum	01108		6010 B	16000000	ug/kg (dw)		80000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)		8000	PSB	07/20/06	
Barium	01008		6010 B	130000	ug/kg (dw)		20000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)		500	PSB	07/20/06	
Calcium	00917		6010 B	6000000	ug/kg (dw)		500000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	D	5000	PSB	07/20/06	
Cobalt	01038		6010 B	10000	ug/kg (dw)		5000	PSB	07/20/06	
Chromium	01029		6010 B	30000	ug/kg (dw)		1000	PSB	07/20/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Copper	01043		6010 B	26000	ug/kg (dw)		2500	PSB	07/20/06	
Iron	01170		6010 B	22000000	ug/kg (dw)		40000	PSB	07/20/06	
Potassium	00938		6010 B	2800000	ug/kg (dw)		500000	PSB	07/20/06	
Magnesium	00924		6010 B	3000000	ug/kg (dw)		500000	PSB	07/20/06	
Manganese	01053		6010 B	450000	ug/kg (dw)		1500	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		500000	PSB	07/20/06	
Nickel	01068		6010 B	11000	ug/kg (dw)		4000	PSB	07/20/06	
Lead	01052		6010 B	40000	ug/kg (dw)		9000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		6000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	D	190000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		20000	PSB	07/20/06	
Vanadium	01088		6010 B	51000	ug/kg (dw)		5000	PSB	07/20/06	
Zinc	01093		6010 B	130000	ug/kg (dw)		2000	PSB	07/20/06	
QC Batch 87328										
Mercury			EPA 7471A	Not Detected	ug/kg (dw)		100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255										
TCMX surr std			EPA 8081A	13.3	ug/kg (dw)		0.00	JGD	07/29/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	47.5	ug/kg (dw)		0.00	JGD	07/29/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		18	JGD	07/29/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		10	JGD	07/29/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		15	JGD	07/29/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		22	JGD	07/29/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JGD	07/29/06	
C[illegible]ORDANE			EPA 8081A	Not Detected	ug/kg (dw)		250	JGD	07/29/06	
[illegible]DE			EPA 8081A	Not Detected	ug/kg (dw)		15	JGD	07/29/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)		38	JGD	07/29/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		32	JGD	07/29/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)		10	JGD	07/29/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		25	JGD	07/29/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		38	JGD	07/29/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		40	JGD	07/29/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		38	JGD	07/29/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		18	JGD	07/29/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		25	JGD	07/29/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		20	JGD	07/29/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		650	JGD	07/29/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		25	JGD	07/29/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JGD	07/29/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		100	JGD	07/29/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		18	JGD	07/29/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		25	JGD	07/29/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		25	JGD	07/29/06	
PCBs in Sediments or Soils QC Batch 87256										
TCMX surr std			EPA 8082	13.3	ug/kg (dw)		0.00	JGD	07/29/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	47.5	ug/kg (dw)		0.00	JGD	07/29/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)		170	JGD	07/29/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)		170	JGD	07/29/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1232			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/29/06	
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/29/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/29/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/29/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/29/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/29/06	

COMMENTS TAL_S-6010B: ICP Metals - Reporting limits for Aluminum and Iron raised due to high concentration of target analytes in the sample.Reporting limits for Silver, Selenium and Cadmiun raised due to matrix interference.'D' flag: Dilution was done on 7/24/06.

COMMENTS $827CS - EPA 8270C - Reporting limits raised due to elevated concentrations of non-target compounds.

COMMENTS $826BS- EPA 8260B- "E", estimated value, amount above calibration curve limits. Unable to performed dilution on Encore sample; calculated amount is above calibration curve limits. 7-080106-195

COMMENTS $8081S - EPA 8081A - Sample required dilution due to high concentrations of target and/or non-target compounds. Reporting Limits elevated due to high levels of target and/or non-target compounds in the sample.

COMMENTS $8082S - EPA 8082 - Sample required dilution due to high concentrations of target and/or non-target compounds. Reporting limits elevated due to high levels of target and/or non-target compounds in the sample.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/12/06 **LAB No.** _____

Date Submitted To Lab: 7/13/06

HWMB LOG NUMBER: HW10411 Time 1030

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Propert'

Sample ID AF38084
Location: HWMB
Description: CAMP GORDON / HW10411
Collector: L. PAPETTI
Site:

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral) ✓
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: Cn

2/3 4 OZ. JARS
8 OZ. JARS
1/4 16 OZ. JARS
Encores

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Pesticides
Herbicides
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury
Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
2006 JUL 13 PM 2:30
RECEIVING LAB
LABORATORIES

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

TNB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/12/06
Time Collected:	10:30
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	TNB
Date Received:	07/13/06
Time Received:	2:30 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF38084
Facility Name:	CAMP GORDON / HW10411
Site ID:	HWMB
Location ID:	
Location Descr:	HW10411

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/kg (dw)		6.4	KD	07/24/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52	ug/kg (dw)		6.4	KD	07/24/06	*45 t 62*
luene-d8(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)		6.4	KD	07/24/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)		6.4	KD	07/24/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)		2.6	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
Acetone	81552		EPA 8260B	1000	ug/kg (dw)	E	130	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)		13	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)		64	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)		6.4	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)		130	KD	07/24/06	

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Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/24/06	
Toluene	34010		EPA 8260B	40	ug/kg (dw)	6.4	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	64	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
' '.2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
. .oenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	13	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	57	ug/kg (dw)	6.4	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	6.4	KD	07/24/06	

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Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	6.4	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	6.4	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	6.4	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	6.4	KD	07/24/06	
Pentane			EPA 8260B	74	TIE	ug/kg (dw)		KD	07/24/06	
Hexanal			EPA 8260B	170	TIE	ug/kg (dw)		KD	07/24/06	
.Alpha.-Pinene			EPA 8260B	420	TIE	ug/kg (dw)		KD	07/24/06	
Camphene			EPA 8260B	78	TIE	ug/kg (dw)		KD	07/24/06	
1-Limonene			EPA 8260B	170	TIE	ug/kg (dw)		KD	07/24/06	
D-Fenchyl alcohol			EPA 8260B	68	TIE	ug/kg (dw)		KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87330										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	63		ug/kg (dw)	0.00	CLA	07/24/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	*68*		*ug/kg (dw)*	*0.00*	CLA	*07/24/06*	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	65		ug/kg (dw)	0.00	CLA	07/24/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	72		ug/kg (dw)	0.00	CLA	07/24/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	71		ug/kg (dw)	0.00	CLA	07/24/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	75		ug/kg (dw)	0.00	CLA	07/24/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
' 'ol	34694		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
. _-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/kg (dw)	5600	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
' achlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
₄ Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	

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Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
[illegible]-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
[illegible]achlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	2800	CLA	07/24/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	5600	CLA	07/24/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endrin	39390		EPA 8270C	Not Detected		ug/kg (dw)	2700	CLA	07/24/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	5600	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	2800	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	9900	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 87150										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	10000	PSB	07/24/06	
Aluminum	01108		6010 B	11000000		ug/kg (dw)	200000	PSB	07/24/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	80000	PSB	07/24/06	
Barium	01008		6010 B	Not Detected		ug/kg (dw)	200000	PSB	07/24/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	5000	PSB	07/24/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/24/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	50000	PSB	07/24/06	
Chromium	01029		6010 B	40000	ug/kg (dw)	10000	PSB	07/24/06	
Copper	01043		6010 B	59000	ug/kg (dw)	25000	PSB	07/24/06	
Iron	01170		6010 B	46000000	ug/kg (dw)	100000	PSB	07/24/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Manganese	01053		6010 B	1000000	ug/kg (dw)	15000	PSB	07/24/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	40000	PSB	07/24/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	90000	PSB	07/24/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	60000	PSB	07/24/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	190000	PSB	07/24/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	200000	PSB	07/24/06	
Vanadium	01088		6010 B	150000	ug/kg (dw)	50000	PSB	07/24/06	
Zinc	01093		6010 B	31000	ug/kg (dw)	20000	PSB	07/24/06	
QC Batch 87328									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255									
TCMX surr std			EPA 8081A	16.2	ug/kg (dw)		JGD	07/29/06	*9.00 t 24.0*
DCB surr std		U	EPA 8081A	49.5	ug/kg (dw)		JGD	07/29/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
[illegible]			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JGD	07/29/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JGD	07/29/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JGD	07/29/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JGD	07/29/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JGD	07/29/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JGD	07/29/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JGD	07/29/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCBs in Sediments or Soils QC Batch 87256									
TCMX surr std			EPA 8082	16.2	ug/kg (dw)		JGD	07/29/06	*12.0 t 24.0*
DCBP surr std		U	EPA 8082	49.5	ug/kg (dw)		JGD	07/29/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	

COMMENTS TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes in sample.

COMMENTS $826BS- EPA 8260B- "E", estimated value, amount above calibration curve limits. Unable to performed dilution on Encore sample, calculated amount is above calibration curve limits. 7-080106-195

COMMENTS $8081S - EPA 8081 - Sample had one surrogate, DCB (124% recovery, limits 55-120%) with a recovery outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 1-080306-374

COMMENTS $8082S - EPA 8082 - Sample had one surrogate, DCB (124% recovery, limits 60-120%) with a recovery outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 1-080306-374

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/12/06 **LAB No.** _____

Date Submitted To Lab: 7/13/06 Time 1055

HWMB LOG NUMBER: HW10412

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

Sample ID AF38085
Location: HWMB
Description: CAMP GORDON / HW10412
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)		Additional Metals for TCLP:	
Mercury			

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB):		Date:		Reviewed By (EPD Lab):	
Approved By:(HWMB):		Date:		Date (EPD Lab):	

RECEIVED
EPD LABORATORIES
2006 JUL 13 PM 2:30
RECEIVING LAB

Preservative Confirmed

Ph <2 _____ >12 _____

Temp 0.0

TNB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/12/06
Time Collected:	10:55
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	TNB
Date Received:	07/13/06
Time Received:	2:30 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF38085
Facility Name:	CAMP GORDON / HW10412
Site ID:	HWMB
Location ID:	
Location Descr:	HW10412

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50		ug/kg (dw)	8.3	KD	07/24/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	50		ug/kg (dw)	8.3	KD	07/24/06	*45 t 62*
ene-d8(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	8.3	KD	07/24/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	48		ug/kg (dw)	8.3	KD	07/24/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	17	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	3.3	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	17	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	17	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Acetone	81552		EPA 8260B	770	E	ug/kg (dw)	170	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	17	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	17	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	84	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	170	KD	07/24/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
omochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	84	KD	07/24/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	84	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	8.3	KD	07/24/06	

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1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	8.3	KD	07/24/06	
Hexanal			EPA 8260B	190	TIE	ug/kg (dw)		KD	07/24/06	
Alpha.Piene			EPA 8260B	220	TIE	ug/kg (dw)		KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87330										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	63		ug/kg (dw)	0.00	CLA	07/24/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	68		ug/kg (dw)	0.00	CLA	07/24/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	59		ug/kg (dw)	0.00	CLA	07/24/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	67		ug/kg (dw)	0.00	CLA	07/24/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	81		ug/kg (dw)	0.00	CLA	07/24/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	80		ug/kg (dw)	0.00	CLA	07/24/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Phenol	34694		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/kg (dw)	5600	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/kg (dw)	2200	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	

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Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
',6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
.ıylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	

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Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2200	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	2800	CLA	07/24/06	
sulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	2700	CLA	07/24/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	2800	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Eicosane			EPA 8270C	5100 TIE	ug/kg (dw)		CLA	07/24/06	
Stigmast-4-en-3-one			EPA 8270C	5700 TIE	ug/kg (dw)		CLA	07/24/06	
QC Batch 87020									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	10000	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 87150									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	10000	PSB	07/24/06	
Aluminum	01108		6010 B	24000000	ug/kg (dw)	200000	PSB	07/24/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	80000	PSB	07/24/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)	200000	PSB	07/24/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/24/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/24/06	

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Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	50000	PSB	07/24/06	
Chromium	01029		6010 B	32000	ug/kg (dw)	10000	PSB	07/24/06	
Copper	01043		6010 B	31000	ug/kg (dw)	25000	PSB	07/24/06	
Iron	01170		6010 B	43000000	ug/kg (dw)	100000	PSB	07/24/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Manganese	01053		6010 B	480000	ug/kg (dw)	15000	PSB	07/24/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	07/24/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	40000	PSB	07/24/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	90000	PSB	07/24/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	60000	PSB	07/24/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	190000	PSB	07/24/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	200000	PSB	07/24/06	
Vanadium	01088		6010 B	130000	ug/kg (dw)	50000	PSB	07/24/06	
Zinc	01093		6010 B	40000	ug/kg (dw)	20000	PSB	07/24/06	
QC Batch 87328									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255									
TCMX surr std			EPA 8081A	19.2	ug/kg (dw)		JGD	07/29/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	44.5	ug/kg (dw)		JGD	07/29/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JGD	07/29/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JGD	07/29/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JGD	07/29/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JGD	07/29/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JGD	07/29/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JGD	07/29/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JGD	07/29/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
PCBs in Sediments or Soils QC Batch 87256									
TCMX surr std			EPA 8082	19.2	ug/kg (dw)		JGD	07/29/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	44.5	ug/kg (dw)		JGD	07/29/06	*26.0 t 48.0*

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

.YTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1221			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1232			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	

COMMENTS TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes in sample.

COMMENTS $826BS- EPA 8260B- "E", estimated value, amount above calibration curve limits. Unable to performed dilution on Encore sample, calculated amount is above calibration curve limits. 7-080106-195

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
g/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 **LAB No.** _____

Date Submitted To Lab: 7/10/06

HWMB LOG NUMBER: HW10413

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment _____ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) Trip Blank

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

Sample ID AF37393
Location: HWMB
Description: CAMP GORDON/HW10413 TRIP BLANK
Collector: EPD LABORATORY
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base/Neutral) _____
Volatiles ✓
Pesticides _____
Herbicides _____
Organophosphorous Pesticides _____
PCB _____
BETX _____
Total Petroleum Hydrocarbon _____

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
Mercury _____
Metals Special Requests: _____

1 HALF GALLONS/CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
METAL BOTTLES
AMBER BOTTLES
1 3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS

Volatiles _____
Semi-Volatiles (Acid & Base/Neutral) _____
Pesticides _____
Herbicides _____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
Mercury _____
Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 10 PM 2:53
RECEIVING LAB

AYR

Preservative Confirmed

Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/06/06
Time Collected:	0:00
Sample Collector:	EPD LABORAT
Chlorination:	
Sample Type:	T
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37393
Facility Name:	CAMP GORDON/HW10413 TRIP BLANK
Site ID:	HWMB
Location ID:	
Location Descr:	HW10413 TRIP BLANK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	07/13/06	*48 t 57.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	07/13/06	*47.5 t 57.5*
uene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L		2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected	ug/L		100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected	ug/L		200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L		50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	*Pat Sammons*	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
/kg: micrograms/kilogram
g/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

JHM

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 LAB No.

Date Submitted To Lab: 7/10/06

HWMB LOG NUMBER: HW10414

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ____ Soil/Sediment ____ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) Trip Blank

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known)

Special Precautions:

Sample ID AF37405
Location: HWMB
Description: CAMP GORDON/HW10414 TRIP BLANK
Collector: EPD LABS
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
Semi-Volatiles (Acid & Base\Neutral)
Volatiles ✓
Pesticides
Herbicides
Organophosphorous Pesticides
PCB
BETX
Total Petroleum Hydrocarbon

Organics Special Requests:

2. TOTAL METALS
ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury
Metals Special Requests:

7/10/06
4 OZ. JARS
8 OZ. JARS
16 OZ. JARS

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:51 RECEIVING LAB

3. TCLP ORGANICS
Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:
Pesticides
Herbicides

4. TCLP METALS ANALYSIS
TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury
Additional Metals for TCLP:

HALF GALLONS/CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
METAL BOTTLES
AMBER BOTTLES
1 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

5. ADDITIONAL ANALYSIS REQUESTED (see list on back)

Reviewed By: (HWMB): Date: Received By (EPD Lab):
Approved By:(HWMB): Date: Date (EPD Lab):

Preservative Confirmed
Ph <2 ____ >12 ____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	0:00
Sample Collector:	EPD LABS
Chlorination:	
Sample Type:	T
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37405
Facility Name:	CAMP GORDON/HW10414 TRIP BLANK
Site ID:	HWMB
Location ID:	
Location Descr:	HW10414 TRIP BLANK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52		ug/L	5	VK	07/13/06	*48 t 57.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*47.5 t 57.5*
ı ene-d8(Surrogate QC Std.)			EPA 8260B	50		ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected		ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
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<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
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Organics:	Danny Reed	404-206-5252
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Microbiology:	Viola Reynolds	404-206-5210

'ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
' -robenzene	34301		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
.,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
'kg: micrograms/kilogram
g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
g/kg: micrograms/kilogram
g/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

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MCL: Maximum Contaminant Level
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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/5/06 **LAB No.** _____

Date Submitted To Lab: 7/ /06

HWMB LOG NUMBER: HW10415

File a separate Request Sheet for each sample point)

Sample ID AF37616
Location: HWMB
Description: CAMP GORDON/ HW 10415 TRIP BLANK
Collector: EPD LABORATORY

Analysis Needed By: Routine ✓ **Other (specify)**

Sample Description (check one)

Waste _____ Soil/Sediment _____ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) Trip Blank

Describe Sample Including Source and Known Properties (e.g. pH, concentration):

Applicable Hazardous Waste Codes (If known)

Special Precautions:

___HALF GALLONS/CYANIDE
___NUTRIENTS/SULFATES
___FCOL BOTTLES
___METAL BOTTLES
___AMBER BOTTLES
___VOC VIALS
___SULFIDES/PHENOLS
___OIL AND GREASE

ANALYSIS REQUESTED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
   - Semi-Volatiles (Acid & Base/Neutral) _____
   - Volatiles ✓
   - Pesticides _____
   - Herbicides _____
   - Organophosphorous Pesticides _____
   - PCB _____
   - BETX _____
   - Total Petroleum Hydrocarbon _____

2. TOTAL METALS
   - ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
   - Mercury _____
   - Metals Special Requests _____

Organics Special Requests: _____

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

3. TCLP ORGANICS
   - Volatiles _____
   - Semi-Volatiles (Acid & Base/Neutral) _____
   - Pesticides _____
   - Herbicides _____
   - Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS
   - TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
   - Mercury _____
   - Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED LABORATORIES 2006 JUL 12 AM 8:42 RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/05/06
Time Collected:	0:00
Sample Collector:	EPD LABORAT
Chlorination:	
Sample Type:	T
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37616
Facility Name:	CAMP GORDON/ HW 10415 TRIP BLANK
Site ID:	HWMB
Location ID:	
Location Descr:	HW10415 BK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	07/13/06	*48 t 57.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	07/13/06	*47.5 t 57.5*
ʔ.ɹene-d8(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L		2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected	ug/L		100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected	ug/L		200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L		50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ʼʼg: micrograms/kilogram
,: micrograms/gram
ppm: parts per million
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org/L: organisms/liter

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MCL: Maximum Contaminant Level
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TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methylcyclohexane	-		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
C obenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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MCL: Maximum Contaminant Level
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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
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Microbiology:	Viola Reynolds	404-206-5210

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/5/06 **LAB No.** _____

Date Submitted To Lab: 7/13/06

HWMB LOG NUMBER: HW10418

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Oth

Sample ID AT38087
Location: HWMB
Description: CAMP GORDON : HW10418 SEDBK
Collector: L. PAPETTI
Site:

Sample Description (check one)

Waste _____ Soil/Sediment
Ground Water _____ Surface Water

Concentration of Organics Requested (estimated): High ___ Low ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

HALF GALLONS/CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
METAL BOTTLES
AMBER BOTTLES
1 VOC VIALS Blank
~~SULFIDES/PHENOLS~~
OIL AND GREASE

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	
Volatiles	✓
Pesticides	
Herbicides	
Organophosphorous Pesticides	
PCB	
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	
Mercury	
Metals Special Requests:	

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)		Additional Metals for TCLP:	
Mercury			

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):** _____

Preservative Confirmed
Pb <2 _____ >12 _____
Temp 0.0

RECEIVED
2006 JUL 13 PM 2:30
RECEIVING LAB
EPD LABORATORIES

TNB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/05/06
Time Collected:	0:00
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	T
Received By:	TNB
Date Received:	07/13/06
Time Received:	2:30 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF38087
Facility Name:	CAMP GORDON / HW10418 SEDBK
Site ID:	HWMB
Location ID:	
Location Descr:	HW10418 SED BK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53		ug/L	5	VK	07/13/06	*48 t 57.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*47.5 t 57.5*
luene-d8(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51		ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected		ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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mg/kg: milligrams/kilogram
'kg: micrograms/kilogram
g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
C[illegible]obenzene	34301		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,[illegible],2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-butylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10419 Time 0810

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37615
Location: HWMB
Description: CAMP GORDON/ HW 10419
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles ✓
(Acid & Base\Neutral)
Volatiles ✓
Pesticides ✓
Herbicides
Organophosphorous Pesticides
PCB ✓
BETX
Total Petroleum Hydrocarbon

2. TOTAL METALS

ICP Metals Scan ✓
(Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury ✓
Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP
Pesticides
Herbicides

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
Mercury _____
Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	8:10
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37615
Facility Name:	CAMP GORDON/ HW 10419
Site ID:	HWMB
Location ID:	
Location Descr:	HW10419

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	7.0	KD	07/24/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52	ug/kg (dw)	7.0	KD	07/24/06	*45 t 62*
ene-d8(Surrogate QC Std.)			EPA 8260B	47	ug/kg (dw)	7.0	KD	07/24/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	44	ug/kg (dw)	7.0	KD	07/24/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.8	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Acetone	81552		EPA 8260B	550	ug/kg (dw)	140	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	70	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	140	KD	07/24/06	

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...nochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	70	KD	07/24/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	70	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
...enzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	7.0	KD	07/24/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
,,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	7.0	KD	07/24/06	
Hexanal			EPA 8260B	220 TIE	ug/kg (dw)		KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87330									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	69	ug/kg (dw)	0.00	CLA	07/24/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	CLA	07/24/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	67	ug/kg (dw)	0.00	CLA	07/24/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	CLA	07/24/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	85	ug/kg (dw)	0.00	CLA	07/24/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	87	ug/kg (dw)	0.00	CLA	07/24/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
ᴾ ᵀyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
,ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	

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/ LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
N-nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
r ylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
ı .ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	11000	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	14000	CLA	07/24/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
·in	39380		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
p,p -DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	14000	CLA	07/24/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	28000	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	14000	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	5600	CLA	07/24/06	
QC Batch 87020									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	10000	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 87150									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/24/06	
Aluminum	01108		6010 B	14000000	ug/kg (dw)	20000	PSB	07/24/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/24/06	
Barium	01008		6010 B	110000	ug/kg (dw)	20000	PSB	07/24/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/24/06	
Calcium	00917		6010 B	5500000	ug/kg (dw)	500000	PSB	07/24/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/24/06	
Cobalt	01038		6010 B	7700	ug/kg (dw)	5000	PSB	07/24/06	
Chromium	01029		6010 B	24000	ug/kg (dw)	1000	PSB	07/24/06	
Copper	01043		6010 B	23000	ug/kg (dw)	2500	PSB	07/24/06	

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Iron	01170		6010 B	19000000	ug/kg (dw)	20000	PSB	07/24/06	
Potassium	00938		6010 B	2500000	ug/kg (dw)	500000	PSB	07/24/06	
Magnesium	00924		6010 B	2600000	ug/kg (dw)	500000	PSB	07/24/06	
Manganese	01053		6010 B	380000	ug/kg (dw)	1500	PSB	07/24/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Nickel	01068		6010 B	9100	ug/kg (dw)	4000	PSB	07/24/06	
Lead	01052		6010 B	33000	ug/kg (dw)	9000	PSB	07/24/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/24/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/24/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/24/06	
Vanadium	01088		6010 B	43000	ug/kg (dw)	5000	PSB	07/24/06	
Zinc	01093		6010 B	130000	ug/kg (dw)	2000	PSB	07/24/06	
QC Batch 87328									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255									
TCMX surr std			EPA 8081A	11.2	ug/kg (dw)	0.00	JGD	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	35.3	ug/kg (dw)	0.00	JGD	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	18	JGD	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	10	JGD	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	15	JGD	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	22	JGD	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/28/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	250	JGD	07/28/06	
[illegible]DE			EPA 8081A	Not Detected	ug/kg (dw)	15	JGD	07/28/06	
[illegible]DD			EPA 8081A	Not Detected	ug/kg (dw)	38	JGD	07/28/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	32	JGD	07/28/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	10	JGD	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	25	JGD	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	38	JGD	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	40	JGD	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	38	JGD	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	18	JGD	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	25	JGD	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	20	JGD	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	650	JGD	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	25	JGD	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	100	JGD	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	18	JGD	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	25	JGD	07/28/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	25	JGD	07/28/06	
PCBs in Sediments or Soils QC Batch 87256									
TCMX surr std		L	EPA 8082	11.2	ug/kg (dw)	0.00	JGD	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	35.3	ug/kg (dw)	0.00	JGD	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	170	JGD	07/28/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	170	JGD	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	170	JGD	07/28/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1242			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/28/06	
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/28/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/28/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/28/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	170	JGD	07/28/06	

COMMENTS $827CS - EPA 8270C - Reporting limits raised due to elevated concentrations of non-target compounds.

COMMENTS $TAL_S-6010B: ICP Metals -Reporting limits of Iron raised due to elevated levels of target analyte in sample.

COMMENTS $8081S - EPA 8081A - Sample required dilution due to high concentrations of target and/or non-target compounds. Reporting Limits elevated due to high levels of target and/or non-target compounds in the sample.

COMMENTS $8082S - EPA 8082 - Sample had one surrogate, TCMX (56.1% recovery, limits 60-120%) with a recovery outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 1-080206-372
$8082S - EPA 8082 - Sample required dilution due to high concentrations of target and/or non-target compounds. Reporting limits elevated due to high levels of target and/or non-target compounds in the sample.

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mg/L: milligrams/liter
mg/kg: milligrams/kilogram
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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06 **LAB No.**

Date Submitted To Lab: 7/10/06 Larry Papetti

HWMB LOG NUMBER: HW10420

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ___ Sludge ___
Ground Water ___ Surface Water ✓ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify)

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (If known)

Special Precautions:

Sample ID AF37392
Location: HWMB
Description: CAMP GORDON/ HW10420
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

- Semi-Volatiles (Acid & Base\Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides ___
- Organophosphorous Pesticides ___
- PCB ✓
- BETX ___
- Total Petroleum Hydrocarbon ___

Organics Special Requests:

2. TOTAL METALS

- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests:

1 HALF GALLONS/CYANIDE n
NUTRIENTS/SULFATES
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS

- Volatiles ___
- Semi-Volatiles (Acid & Base/Neutral) ___
- Pesticides ___
- Herbicides ___
- Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS

- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ___
- Mercury ___
- Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): ___ Date: ___ Reviewed By (EPD Lab): ___
Approved By:(HWMB): ___ Date: ___ Date (EPD Lab): ___

RECEIVED EPD LABORATORIES 2006 JUL 10 PM 2:53 RECEIVING LAB

AYR

Preservative Confirmed
Ph <2 MET >12 CN
Temp 0-0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	10:05
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/10/06
Time Received:	2:53 PM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37392
Facility Name:	CAMP GORDON/ HW10420
Site ID:	HWMB
Location ID:	
Location Descr:	HW10420

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/L	5	VK	07/13/06	*48 t 57.5*
'chloroethane-d4(Surrogate QC Std.)			EPA 8260B	53	ug/L	5	VK	07/13/06	*47.5 t 57.5*
1..ene-d8(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected	ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
C[illegible]robenzene	34301		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
[illegible],2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	48		ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	52		ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	54		ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	50		ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	51		ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	54		ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
ichlorobenzene	34571		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
yl Alcohol	77147		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Caprolactam			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
[illegible],6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
[illegible]ylphthalate	34336		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Fluorene	34381		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Pyrene	34469		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/L	25	JZ	07/14/06	
[illegible]sulfan 1	34361		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
L[illegible]rin	39380		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
QC Batch 87014									
Total Cyanide	00720		EPA 335.4	Not Detected	ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140									
Beryllium 9	01012		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected	ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected	ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected	ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected	ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected	ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	

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/ ·LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Silver 107	01077		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected	ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected	ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected	ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978									
Aluminum	01105		EPA 6010B	Not Detected	ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	9500	ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	1500	ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	100	ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected	ug/L	5000	PSB	07/20/06	
QC Batch 87064									
Mercury	71900		EPA 7470A	Not Detected	ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037									
TCMX surr std			EPA 8081A	0.395	ug/L		JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.467	ug/L		JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected	ug/L	0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
C' " ORDANE			EPA 8081A	Not Detected	ug/L	2.0	JGD	07/18/06	
DD			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
4,4-DDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
4,4-DDT			EPA 8081A	Not Detected	ug/L	0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/L	3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/L	0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected	ug/L	0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected	ug/L	0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038									
TCMX surr std			EPA 8082	0.395	ug/L		JGD	07/18/06	*0.200 t 0.480*
DCB surr std		L	EPA 8082	0.467	ug/L		JGD	07/18/06	*0.520 t 1.00*

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1221			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	

COMMENTS $8082H - EPA 8082 - Sample surrogate DCB (58.4% recovery, limits 65-125%) was outside acceptable control limits due to matrix interferences. Surrogate TCMX result is within acceptable control limits. 1-072606-347

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JHM

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/10/06

Date Submitted To Lab: 7/10/06

LAB No. Larry Papetti

HWMB LOG NUMBER: HW10421

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Sample ID AF37404
Location: HWMB
Description: CAMP GORDON/HW10421
Collector: L. PAPETTI
Site:

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

- Semi-Volatiles (Acid & Base\Neutral) ✓
- Volatiles ✓
- Pesticides ✓
- Herbicides
- Organophosphorous Pesticides
- PCB ✓
- BETX
- Total Petroleum Hydrocarbon

2. TOTAL METALS

- ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
- Mercury ✓
- Metals Special Requests: Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 encores

Organics Special Requests:

3. TCLP ORGANICS

- Volatiles
- Semi-Volatiles (Acid & Base/Neutral)
- Pesticides
- Herbicides
- Additional Specific Organics for TCLP:

4. TCLP METALS ANALYSIS

- TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
- Mercury
- Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

Preservative Confirmed

Ph <2 _____ >12 _____
Temp 6.0

RECEIVED
EPD LABORATORIES
2006 JUL 10 PM 2:51
RECEIVING LAB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/10/06
Time Collected:	10:10
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	JHM
Date Received:	07/10/06
Time Received:	2:51 PM
Project:	HW
Reporting Date:	08/10/06
Received Temperature:	0.0 C

Sample ID:	AF37404
Facility Name:	CAMP GORDON/HW10421
Site ID:	HWMB
Location ID:	
Location Descr:	HW10421/CAMP GORDON

ANALYTE	PARAMETER CODE	QUALIFIER NOTE	EPA METHOD	RESULT	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87357									
Dibromofluoromethane(Surrogate QC Std.)		L	EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	46.5 t 60.5
1,2-Dichloroethane-d4(Surrogate QC Std.)		L	EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	45 t 62
ene-d8(Surrogate QC Std.)		L	EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	43.5 t 51.5
Bromofluorobenzene(Surrogate QC Std.)		L	EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	38 t 52.5
Dichlorodifluoromethane	34668		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Chloromethane	34418		EPA 8260B	Not Analyzed	ug/kg (dw)	10	KD	07/18/06	
Vinyl chloride	39175		EPA 8260B	Not Analyzed	ug/kg (dw)	2	KD	07/18/06	
Bromomethane	34413		EPA 8260B	Not Analyzed	ug/kg (dw)	10	KD	07/18/06	
Chloroethane	34311		EPA 8260B	Not Analyzed	ug/kg (dw)	10	KD	07/18/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Acetone	81552		EPA 8260B	Not Analyzed	ug/kg (dw)	100	KD	07/18/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Analyzed	ug/kg (dw)	10	KD	07/18/06	
Iodomethane	77424		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Carbon disulfide	77041		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Methyl acetate	77032		EPA 8260B	Not Analyzed	ug/kg (dw)	10	KD	07/18/06	
Methylene chloride	34423		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Vinyl acetate	77057		EPA 8260B	Not Analyzed	ug/kg (dw)	50	KD	07/18/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
2-Butanone	81595		EPA 8260B	Not Analyzed	ug/kg (dw)	100	KD	07/18/06	

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nochloromethane	77297		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Chloroform	32106		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Cyclohexane	81570		EPA 8260B	Not Analyzed		ug/kg (dw)	10	KD	07/18/06	
Carbon tetrachloride	32102		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Benzene	34030		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Trichloroethene	39180		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Methylcyclohexane			EPA 8260B	Not Analyzed		ug/kg (dw)	10	KD	07/18/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Dibromomethane	77596		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Bromodichloromethane	32101		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Analyzed		ug/kg (dw)	50	KD	07/18/06	
Toluene	34010		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Tetrachloroethene	34475		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
2-Hexanone	77103		EPA 8260B	Not Analyzed		ug/kg (dw)	50	KD	07/18/06	
Dibromochloromethane	32105		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Chlorobenzene	34301		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1 1 1,2-Tetrachloroethane	77562		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
benzene	34371		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
p,m-Xylene	77135		EPA 8260B	Not Analyzed		ug/kg (dw)	10	KD	07/18/06	
o-Xylene	77135		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Styrene	77128		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Bromoform	32104		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Isopropylbenzene	77223		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
Bromobenzene	81555		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
N-Propylbenzene	77224		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
2-Chlorotoluene	77275		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
4-Chlorotoluene	77277		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
tert-Butylbenzene	77353		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
sec-Butylbenzene	77350		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
n-Butylbenzene	77342		EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Analyzed		ug/kg (dw)	5	KD	07/18/06	

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,2,4-Trichlorobenzene	34551		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
Naphthalene	34696		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Analyzed	ug/kg (dw)	5	KD	07/18/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	58	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	60	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	60	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	67	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	76	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
1,2 Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
;thylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	

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.lloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	6000	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	6000	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	6000	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	6000	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
orophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	6000	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	6000	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2400	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1200	GG	07/19/06	

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/lbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	2400	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/19/06	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
in	39390		EPA 8270C	Not Detected	ug/kg (dw)	2900	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	6000	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	3000	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)	1200	GG	07/19/06	
QC Batch 87019									
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)	11000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86979									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	1000	PSB	07/14/06	
Aluminum	01108		6010 B	4000000	ug/kg (dw)	20000	PSB	07/14/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	8000	PSB	07/14/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	500	PSB	07/14/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	5000	PSB	07/14/06	
Chromium	01029		6010 B	12000	ug/kg (dw)	1000	PSB	07/14/06	
Copper	01043		6010 B	5500	ug/kg (dw)	2500	PSB	07/14/06	
Iron	01170		6010 B	9100000	ug/kg (dw)	10000	PSB	07/14/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

·YTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Manganese	01053		6010 B	210000	ug/kg (dw)	1500	PSB	07/14/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/14/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/14/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/14/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/14/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/14/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/14/06	
Vanadium	01088		6010 B	31000	ug/kg (dw)	5000	PSB	07/14/06	
Zinc	01093		6010 B	9600	ug/kg (dw)	2000	PSB	07/14/06	
QC Batch 87315									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/25/06	
Pesticides in Sediment/Soil QC Batch 87175									
TCMX surr std		L	EPA 8081A	6.65	ug/kg (dw)		JSM	07/27/06	9.00 t 24.0
DCB surr std			EPA 8081A	38.7	ug/kg (dw)		JSM	07/27/06	22.0 t 48.0
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JSM	07/27/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JSM	07/27/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JSM	07/27/06	
' ' DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
/DT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JSM	07/27/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JSM	07/27/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JSM	07/27/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JSM	07/27/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JSM	07/27/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JSM	07/27/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JSM	07/27/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JSM	07/27/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JSM	07/27/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JSM	07/27/06	
PCBs in Sediments or Soils QC Batch 87176									
TCMX surr std		L	EPA 8082	6.65	ug/kg (dw)		JSM	07/27/06	12.0 t 24.0
DCBP surr std			EPA 8082	38.7	ug/kg (dw)		JSM	07/27/06	26.0 t 48.0
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/27/06	

COMMENTS $826BS- EPA 8260B- Sample "Not Analyzed" due to very low internal standard and surrogate recoveries, unknown instrument failure maybe poor sample purging. Unable to re-analyzed sample because the other encore samples were used for the MS/MSD analysis. The MS/MSD recoveries were within acceptable control limits with no detects other than the matrix spike compounds. 7-073106-193

COMMENTS $8081S - EPA 8081A - Sample had one surrogate, TCMX (33.3% recovery, limits 45-120%) with a recovery outside acceptable control limits due to matrix interferences. DCB results are within acceptable control limits. 1-080106-365

COMMENTS $8082S - EPA 8082 - Sample had one surrogate, TCMX (33.3% recovery, limits 60-120%) with a recovery outside acceptable control limits due to matrix interferences. DCB results are within acceptable control limits. 1-080106-365

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 LAB No. _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10422 Time 0730

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment _____ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) Rinsate

Describe Sample Including Source and Known Properties

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37592
Location: HWMB
Description: CAMP GORDON HW10422
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
   - Semi-Volatiles (Acid & Base/Neutral) ✓
   - Volatiles ✓
   - Pesticides ✓
   - Herbicides
   - Organophosphorous Pesticides
   - PCB ✓
   - BETX
   - Total Petroleum Hydrocarbon

   Organics Special Requests:

2. TOTAL METALS
   - ICP Metals Scan ✓
   - [illegible] ✓
   - Metals Special Requests:

1 HALF GALLONS/CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES/PHENOLS
OIL AND GREASE

3. TCLP ORGANICS
   - Volatiles
   - Semi-Volatiles (Acid & Base/Neutral)
   - Additional Specific Organics for TCLP:
   - Pesticides
   - Herbicides

4. TCLP METALS ANALYSIS
   - TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
   - Mercury
   - Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

Preservative Confirmed
Ph <2 met >12 CN
Temp 0.0

TNB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	7:30
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	TNB
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37592
Facility Name:	CAMP GORDON HW10422
Site ID:	HWMB
Location ID:	
Location Descr:	HW10422

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53	ug/L	5	VK	07/13/06	*48 t 57.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52	ug/L	5	VK	07/13/06	*47.5 t 57.5*
ene-d8(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected	ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
C[illegible]obenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
[illegible],2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
8270 Semi-Vol in Water QC Batch 87148									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	53	ug/L	10	JZ	07/14/06	*10 t 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	56	ug/L	10	JZ	07/14/06	*12 t 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	56	ug/L	10	JZ	07/14/06	*29 t 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	57	ug/L	10	JZ	07/14/06	*28 t 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	55	ug/L	10	JZ	07/14/06	*20 t 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	97	ug/L	10	JZ	07/14/06	*10 t 100*
Pyridine	77045		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Aniline	77089		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Phenol	34694		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
[illegible]-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
[illegible]yl Alcohol	77147		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	

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Caprolactam			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
[illegible] 6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
L [illegible]ylphthalate	34336		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/L	50	JZ	07/14/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/L	20	JZ	07/14/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/L	10	JZ	07/14/06	

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Pyrene	34469		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/L	25	JZ	07/14/06	
F sulfan 1	34361		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
L .in	39380		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Endrin	39390		EPA 8270C	Not Detected	ug/L	20	JZ	07/14/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/L	50	JZ	07/14/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/L	25	JZ	07/14/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/L	10	JZ	07/14/06	
QC Batch 87014									
Total Cyanide	00720		EPA 335.4	Not Detected	ug/L	20	JRA	07/13/06	
Target analyte list Metals\ICPMS QC Batch 87140									
Beryllium 9	01012		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	
Vanadium 51	01087		EPA 6020	Not Detected	ug/L	50	SAM	07/27/06	
Chromium 52	01034		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Cobalt 59	01037		EPA 6020	Not Detected	ug/L	50	SAM	07/27/06	
Nickel 60	01067		EPA 6020	Not Detected	ug/L	40	SAM	07/27/06	
Copper 65	01042		EPA 6020	Not Detected	ug/L	25	SAM	07/27/06	
Zinc 68	01092		EPA 6020	Not Detected	ug/L	20	SAM	07/27/06	
Arsenic 75	01002		EPA 6020	Not Detected	ug/L	10	SAM	07/27/06	
Selenium 82	01147		EPA 6020	Not Detected	ug/L	5	SAM	07/27/06	

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Silver 107	01077		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Cadmium 111	01027		EPA 6020	Not Detected		ug/L	5	SAM	07/27/06	
Antimony 121	01097		EPA 6020	Not Detected		ug/L	60	SAM	07/27/06	
Barium 137	01007		EPA 6020	Not Detected		ug/L	200	SAM	07/27/06	
Thallium 205	01059		EPA 6020	Not Detected		ug/L	10	SAM	07/27/06	
Lead 207	01051		EPA 6020	Not Detected		ug/L	3	SAM	07/27/06	
ICP TAL Metals in Water QC Batch 86978										
Aluminum	01105		EPA 6010B	Not Detected		ug/L	200	PSB	07/20/06	
Calcium	00916		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
Iron	01045		EPA 6010B	Not Detected		ug/L	100	PSB	07/20/06	
Potassium	00937		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
Magnesium	00927		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
Manganese	01055		EPA 6010B	Not Detected		ug/L	15	PSB	07/20/06	
Sodium	00929		EPA 6010B	Not Detected		ug/L	5000	PSB	07/20/06	
QC Batch 87064										
Mercury	71900		EPA 7470A	Not Detected		ug/L	0.2	HM	07/17/06	
Pesticides in Water QC Batch 87037										
TCMX surr std			EPA 8081A	0.355		ug/L		JGD	07/18/06	*0.160 t 0.480*
DCB surr std			EPA 8081A	0.739		ug/L		JGD	07/18/06	*0.320 t 1.16*
a-BHC			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
b-BHC			EPA 8081A	Not Detected		ug/L	0.06	JGD	07/18/06	
d-BHC			EPA 8081A	Not Detected		ug/L	0.15	JGD	07/18/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
CHLORDANE			EPA 8081A	Not Detected		ug/L	2.0	JGD	07/18/06	
DDD			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
4,4-DDE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
4,4-DDT			EPA 8081A	Not Detected		ug/L	0.06	JGD	07/18/06	
DIELDRIN			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDRIN			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
HEPTACHLOR			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
TOXAPHENE			EPA 8081A	Not Detected		ug/L	3.0	JGD	07/18/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/L	0.20	JGD	07/18/06	
MIREX			EPA 8081A	Not Detected		ug/L	0.30	JGD	07/18/06	
ALDRIN			EPA 8081A	Not Detected		ug/L	0.05	JGD	07/18/06	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/L	0.10	JGD	07/18/06	
PCBs in Water QC Batch 87038										
TCMX surr std			EPA 8082	0.355		ug/L		JGD	07/18/06	*0.200 t 0.480*
DCB surr std			EPA 8082	0.739		ug/L		JGD	07/18/06	*0.520 t 1.00*

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/kg: micrograms/kilogram
g/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1221			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JGD	07/18/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/12/06 **LAB No.** _____

Date Submitted To Lab: 7/13/06

HWMB LOG NUMBER: HW[redacted] Time: 1310
File a separate Request Sheet for each sample point) 10423

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

Sample ID AF38086
Location: HWMB
Description: CAMP GORDON / HW10423
Collector: L. PAPETTI
Site:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	

Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)		Additional Metals for TCLP:	
Mercury			

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):** _____

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

RECEIVED
2006 JUL 13 PM 2:30
RECEIVING LAB
LABORATORIES

TNB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 07/12/06 Time Collected: 13:10 Sample Collector: L. PAPETTI Chlorination: Sample Type:
Sample ID: AF38086 Facility Name: CAMP GORDON / HW10423 Site ID: HWMB Location ID: Location Descr: HW10423	Received By: TNB Date Received: 07/13/06 Time Received: 2:30 PM Project: HW Reporting Date: 08/09/06 Received Temperature: 0.0 C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS		RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51	ug/kg (dw)		6.9	KD	07/24/06	*46.5 to 60.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	54	ug/kg (dw)		6.9	KD	07/24/06	*45 to 62*
ne-d8(Surrogate QC Std.)			EPA 8260B	47	ug/kg (dw)		6.9	KD	07/24/06	*43.5 to 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	43	ug/kg (dw)		6.9	KD	07/24/06	*38 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)		14	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)		2.8	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)		14	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)		14	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
Acetone	81552		EPA 8260B	760	ug/kg (dw)	E	140	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)		14	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)		14	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)		70	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)		6.9	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)		140	KD	07/24/06	

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E ochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	70	KD	07/24/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	70	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1 1 1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
enzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	14	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	6.9	KD	07/24/06	

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4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	6.9	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	6.9	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	6.9	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	6.9	KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87330										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	64		ug/kg (dw)	0.00	CLA	07/24/06	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	67		ug/kg (dw)	0.00	CLA	07/24/06	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	66		ug/kg (dw)	0.00	CLA	07/24/06	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	70		ug/kg (dw)	0.00	CLA	07/24/06	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	77		ug/kg (dw)	0.00	CLA	07/24/06	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	77		ug/kg (dw)	0.00	CLA	07/24/06	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Phenol	34694		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
hylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
b..,2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Naphthalene	34696		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Caprolactam			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	

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hloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Fluorene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
orophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
oaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	

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Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
tylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
enzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
F in	39390		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
sulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/9012	Not Detected		ug/kg (dw)	9500	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 87150										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/24/06	
Aluminum	01108		6010 B	5000000		ug/kg (dw)	20000	PSB	07/24/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/24/06	
Barium	01008		6010 B	40000		ug/kg (dw)	20000	PSB	07/24/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/24/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	5000	PSB	07/24/06	
Chromium	01029		6010 B	4500		ug/kg (dw)	1000	PSB	07/24/06	
Copper	01043		6010 B	7000		ug/kg (dw)	2500	PSB	07/24/06	
Iron	01170		6010 B	4700000		ug/kg (dw)	10000	PSB	07/24/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
'assium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
...agnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Manganese	01053		6010 B	290000	ug/kg (dw)	1500	PSB	07/24/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/24/06	
Lead	01052		6010 B	60000	ug/kg (dw)	9000	PSB	07/24/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/24/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/24/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/24/06	
Vanadium	01088		6010 B	11000	ug/kg (dw)	5000	PSB	07/24/06	
Zinc	01093		6010 B	8800	ug/kg (dw)	2000	PSB	07/24/06	
QC Batch 87328									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255									
TCMX surr std			EPA 8081A	22.3	ug/kg (dw)		JGD	07/28/06	*9.00 to 24.0*
DCB surr std			EPA 8081A	45.8	ug/kg (dw)		JGD	07/28/06	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JGD	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/28/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JGD	07/28/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/28/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/28/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JGD	07/28/06	
DRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JGD	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JGD	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JGD	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JGD	07/28/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/28/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/28/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/28/06	
PCBs in Sediments or Soils QC Batch 87256									
TCMX surr std			EPA 8082	22.3	ug/kg (dw)		JGD	07/28/06	*12.0 to 24.0*
DCBP surr std			EPA 8082	45.8	ug/kg (dw)		JGD	07/28/06	*26.0 to 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/28/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/28/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/28/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1248			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/28/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/28/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/28/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/28/06	

COMMENTS: $826BS- EPA 8260B- "E", estimated value, amount above calibration curve limits. Unable to performed dilution on Encore sample, calculated amount is above calibration curve limits. 7-080106-195

COMMENTS: $P_8082S - EPA 8082 - MS/MSD had both compounds, PCB 1016 (48.3% RPD, limits 30%) and PCB 1260 (71.3% RPD, limits 30%), with a precision ouside acceptable control limits. LCS/LCSD were within control limits.1-080206-372

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW [redacted] Time 1010

File a separate Request Sheet for each sample point) 10424

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37613
Location: HWMB
Description: CAMP GORDON/ HW 10424
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	
Additional Specific Organics for TCLP:			

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)		Additional Metals for TCLP:	
Mercury			

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

Reviewed By: (HWMB):		Date:		Reviewed By (EPD Lab):	
Approved By:(HWMB):		Date:		Date (EPD Lab):	

AYP

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	10:10
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37613
Facility Name:	CAMP GORDON/ HW 10424
Site ID:	HWMB
Location ID:	
Location Descr:	HW10424

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52	ug/kg (dw)	8.5	KD	07/24/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	55	ug/kg (dw)	8.5	KD	07/24/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)	8.5	KD	07/24/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	43	ug/kg (dw)	8.5	KD	07/24/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	3.4	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Acetone	81552		EPA 8260B	290	ug/kg (dw)	170	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	84	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	170	KD	07/24/06	

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\LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	84	KD	07/24/06	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	84	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
' 2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
E .benzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	17	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	

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1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	8.5	KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87330									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	55	ug/kg (dw)	0.00	CLA	07/24/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	56	ug/kg (dw)	0.00	CLA	07/24/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	52	ug/kg (dw)	0.00	CLA	07/24/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	60	ug/kg (dw)	0.00	CLA	07/24/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	CLA	07/24/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	CLA	07/24/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2000	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2000	CLA	07/24/06	
ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2 ethylphenol			EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2000	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5000	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2000	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	

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4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	2000	CLA	07/24/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	5000	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	5000	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	5000	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	5000	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
F ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
4 orophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	2000	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	5000	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	5000	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	2000	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	990	CLA	07/24/06	

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Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2000	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	2500	CLA	07/24/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	5000	CLA	07/24/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
[illegible]DE	39320		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
[illegible]	39390		EPA 8270C	Not Detected		ug/kg (dw)	2400	CLA	07/24/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	5000	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	2500	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	990	CLA	07/24/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	9500	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 87150										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/24/06	
Aluminum	01108		6010 B	5400000		ug/kg (dw)	20000	PSB	07/24/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/24/06	
Barium	01008		6010 B	27000		ug/kg (dw)	20000	PSB	07/24/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/24/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	5000	PSB	07/24/06	
Chromium	01029		6010 B	7100		ug/kg (dw)	1000	PSB	07/24/06	
Copper	01043		6010 B	5300		ug/kg (dw)	2500	PSB	07/24/06	
Iron	01170		6010 B	7400000		ug/kg (dw)	10000	PSB	07/24/06	

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Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Manganese	01053		6010 B	72000	ug/kg (dw)	1500	PSB	07/24/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/24/06	
Lead	01052		6010 B	31000	ug/kg (dw)	9000	PSB	07/24/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/24/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/24/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/24/06	
Vanadium	01088		6010 B	17000	ug/kg (dw)	5000	PSB	07/24/06	
Zinc	01093		6010 B	13000	ug/kg (dw)	2000	PSB	07/24/06	
QC Batch 87328									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255									
TCMX surr std			EPA 8081A	18.6	ug/kg (dw)		JGD	07/29/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	43.4	ug/kg (dw)		JGD	07/29/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JGD	07/29/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JGD	07/29/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
4 4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
DT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JGD	07/29/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JGD	07/29/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JGD	07/29/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JGD	07/29/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JGD	07/29/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
PCBs in Sediments or Soils QC Batch 87256									
TCMX surr std			EPA 8082	18.6	ug/kg (dw)		JGD	07/29/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	43.4	ug/kg (dw)		JGD	07/29/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1254			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1260			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	
PCB-1262			EPA 8082	Not Detected		ug/kg (dw)	33	JGD	07/29/06	

COMMENTS $R_TAL_S-6010B: ICP Metals - Matrix Spike had two analytes, Aluminum (2760% recovery, limits 75-125%), and Iron (240% recovery, limits 75-125%), with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. Matrix spike had one analyte, Antimony (34.6% recovery, limits 75-125%), with a percent recovery outside acceptable control limits due to matrix interference. LCS results acceptable for all analytes. 2-072406-340

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW10425 Time 1020

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine ✓ **Other (specify)** _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37614
Location: HWMB
Description: CAMP GORDON/ HW 10425
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

2 4 OZ. JARS
3 8 OZ. JARS
1 16 OZ. JARS
4 Encores

3. TCLP ORGANICS

Volatiles
Semi-Volatiles (Acid & Base/Neutral)
Additional Specific Organics for TCLP:

Pesticides
Herbicides

Preservative Confirmed
Ph <2 ___ >12 ___
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)
Mercury

Additional Metals for TCLP:

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	10:20
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37614
Facility Name:	CAMP GORDON/ HW 10425
Site ID:	HWMB
Location ID:	
Location Descr:	HW10425

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	5.7	KD	07/24/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	53		ug/kg (dw)	5.7	KD	07/24/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	46		ug/kg (dw)	5.7	KD	07/24/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	42		ug/kg (dw)	5.7	KD	07/24/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.3	KD	07/24/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Acetone	81552		EPA 8260B	110		ug/kg (dw)	110	KD	07/24/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	56	KD	07/24/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	110	KD	07/24/06	

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LYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	56	KD	07/24/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	56	KD	07/24/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1 2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
L benzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	07/24/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	07/24/06	

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'ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	07/24/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	07/24/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	07/24/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	07/24/06	
8270 Semi-Vol in SOIL QC Batch 87330									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	CLA	07/24/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	73	ug/kg (dw)	0.00	CLA	07/24/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	70	ug/kg (dw)	0.00	CLA	07/24/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	CLA	07/24/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	CLA	07/24/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	79	ug/kg (dw)	0.00	CLA	07/24/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
ethylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	5300	CLA	07/24/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	2100	CLA	07/24/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	1100	CLA	07/24/06	

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4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
[illegible]ene	34381		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
[illegible]orophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Phenacetin	62018		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Atrazine	39033		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Pronamide	39080		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Anthracene	34220		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Carbazole	82618		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzidine	39120		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Pyrene	34469		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	

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butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/kg (dw)	2100	CLA	07/24/06	
Chyrsene	34320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor	39410		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Aldrin	39330		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
Dieldrin	39380		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
r]DE	39320		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
ι .n	39390		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/kg (dw)	5300	CLA	07/24/06	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/kg (dw)	2600	CLA	07/24/06	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
1,4-Dioxane			EPA 8270C	Not Detected		ug/kg (dw)	1100	CLA	07/24/06	
QC Batch 87020										
Cyanide in Sediment	00721		9010B/901	Not Detected		ug/kg (dw)	9700	BS	07/17/06	
Target analyte list for solids by ICP QC Batch 87150										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	07/24/06	
Aluminum	01108		6010 B	5800000		ug/kg (dw)	20000	PSB	07/24/06	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	07/24/06	
Barium	01008		6010 B	21000		ug/kg (dw)	20000	PSB	07/24/06	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	500000	PSB	07/24/06	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	07/24/06	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	5000	PSB	07/24/06	
Chromium	01029		6010 B	5300		ug/kg (dw)	1000	PSB	07/24/06	
Copper	01043		6010 B	5700		ug/kg (dw)	2500	PSB	07/24/06	
Iron	01170		6010 B	5900000		ug/kg (dw)	10000	PSB	07/24/06	

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Potassium	00938		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Manganese	01053		6010 B	19000	ug/kg (dw)	1500	PSB	07/24/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)	500000	PSB	07/24/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)	4000	PSB	07/24/06	
Lead	01052		6010 B	Not Detected	ug/kg (dw)	9000	PSB	07/24/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)	6000	PSB	07/24/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)	19000	PSB	07/24/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)	20000	PSB	07/24/06	
Vanadium	01088		6010 B	13000	ug/kg (dw)	5000	PSB	07/24/06	
Zinc	01093		6010 B	6600	ug/kg (dw)	2000	PSB	07/24/06	
QC Batch 87328									
Mercury			EPA 7471A	Not Detected	ug/kg (dw)	100	HAM	07/27/06	
Pesticides in Sediment/Soil QC Batch 87255									
TCMX surr std			EPA 8081A	15.0	ug/kg (dw)		JGD	07/29/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	36.8	ug/kg (dw)		JGD	07/29/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)	4.5	JGD	07/29/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	50	JGD	07/29/06	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)	3.0	JGD	07/29/06	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
DDT			EPA 8081A	Not Detected	ug/kg (dw)	6.5	JGD	07/29/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	2.0	JGD	07/29/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)	8.0	JGD	07/29/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)	7.5	JGD	07/29/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)	4.0	JGD	07/29/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)	130	JGD	07/29/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)	1.0	JGD	07/29/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)	20	JGD	07/29/06	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)	3.5	JGD	07/29/06	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)	5.0	JGD	07/29/06	
PCBs in Sediments or Soils QC Batch 87256									
TCMX surr std			EPA 8082	15.0	ug/kg (dw)		JGD	07/29/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	36.8	ug/kg (dw)		JGD	07/29/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	

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org/L: organisms/liter

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RL: Reporting Limit
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VIOL: Violation (result exceeds MCL)

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Microbiology:	Viola Reynolds	404-206-5210

.YTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1260			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JGD	07/29/06	

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: Lawrence Papetti

Collection Date: 7/11/06 **LAB No.** _____

Date Submitted To Lab: 7/12/06

HWMB LOG NUMBER: HW[redacted] Time: 1445
File a separate Request Sheet for each sample point) 10432

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste _____ Soil/Sediment ✓ Sludge _____
Ground Water _____ Surface Water _____ Drinking Water Well _____

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Sample ID AF37603
Location: HWMB
Description: CAMP GORDON/ HW10432
Collector: L. PAPETTI

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	Cn

2	4 OZ. JARS
3	8 OZ. JARS
1	16 OZ. JARS
4	Encores

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles _____
Semi-Volatiles (Acid & Base/Neutral) _____
Additional Specific Organics for TCLP: _____

Pesticides _____
Herbicides _____

Preservative Confirmed
Pb <2 _____ >12 _____
Temp 0.0

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
Mercury _____

Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

RECEIVED
EPD LABORATORIES
2006 JUL 12 AM 9:42
RECEIVING LAB

AYR

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/11/06
Time Collected:	14:45
Sample Collector:	L. PAPETTI
Chlorination:	
Sample Type:	
Received By:	AYR
Date Received:	07/12/06
Time Received:	9:42 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37603
Facility Name:	CAMP GORDON/ HW10432
Site ID:	HWMB
Location ID:	
Location Descr:	HW10432

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 87359										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	54		ug/kg (dw)	6.8	KD	07/25/06	*46.5 t 60.5*
ichloroethane-d4(Surrogate QC Std.)			EPA 8260B	55		ug/kg (dw)	6.8	KD	07/25/06	*45 t 62*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	48		ug/kg (dw)	6.8	KD	07/25/06	*43.5 t 51.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	44		ug/kg (dw)	6.8	KD	07/25/06	*38 t 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.7	KD	07/25/06	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Acetone	81552		EPA 8260B	170		ug/kg (dw)	140	KD	07/25/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	68	KD	07/25/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	140	KD	07/25/06	

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'ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
ɒromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	68	KD	07/25/06	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	68	KD	07/25/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
' '.2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
. .oenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	14	KD	07/25/06	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	6.8	KD	07/25/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/25/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/25/06	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/25/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	6.8	KD	07/25/06	
Hexanal			EPA 8260B	110 TIE	ug/kg (dw)		KD	07/25/06	
8270 Semi-Vol in SOIL QC Batch 87270									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	70	ug/kg (dw)	0.00	GG	07/19/06	*26 t 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	76	ug/kg (dw)	0.00	GG	07/19/06	*27 t 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	75	ug/kg (dw)	0.00	GG	07/19/06	*25 t 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	77	ug/kg (dw)	0.00	GG	07/19/06	*34 t 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	75	ug/kg (dw)	0.00	GG	07/19/06	*33 t 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	93	ug/kg (dw)	0.00	GG	07/19/06	*55 t 114*
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
[illegible]yl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
[illegible]ichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
D[illegible]ylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
[illegible]ene	34381		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	35000	GG	07/19/06	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	14000	GG	07/19/06	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	
Pyrene	34469		EPA 8270C	Not Detected	ug/kg (dw)	7000	GG	07/19/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)		14000	GG	07/19/06	
Chyrsene	34320		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)		17000	GG	07/19/06	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)		35000	GG	07/19/06	
rin	39380		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)		17000	GG	07/19/06	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)		35000	GG	07/19/06	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)		17000	GG	07/19/06	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
1,4-Dioxane			EPA 8270C	Not Detected	ug/kg (dw)		7000	GG	07/19/06	
QC Batch 87019										
Cyanide in Sediment	00721		9010B/901	Not Detected	ug/kg (dw)		13000	BS	07/14/06	
Target analyte list for solids by ICP QC Batch 86996										
Silver	01078		6010 B	Not Detected	ug/kg (dw)		10000	PSB	07/20/06	
Aluminum	01108		6010 B	24000000	ug/kg (dw)		200000	PSB	07/20/06	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)		80000	PSB	07/20/06	
Barium	01008		6010 B	Not Detected	ug/kg (dw)		200000	PSB	07/20/06	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)		5000	PSB	07/20/06	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	07/20/06	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	D	50000	PSB	07/20/06	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)		50000	PSB	07/20/06	
Chromium	01029		6010 B	58000	ug/kg (dw)		10000	PSB	07/20/06	
Copper	01043		6010 B	220000	ug/kg (dw)		25000	PSB	07/20/06	

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ALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Iron	01170		6010 B	130000000	ug/kg (dw)		100000	PSB	07/20/06	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	07/20/06	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	07/20/06	
Manganese	01053		6010 B	4500000	ug/kg (dw)		15000	PSB	07/20/06	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	07/20/06	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)		40000	PSB	07/20/06	
Lead	01052		6010 B	600000	ug/kg (dw)		90000	PSB	07/20/06	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		60000	PSB	07/20/06	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)		190000	PSB	07/20/06	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		200000	PSB	07/20/06	
Vanadium	01088		6010 B	140000	ug/kg (dw)		50000	PSB	07/20/06	
Zinc	01093		6010 B	3000000	ug/kg (dw)		20000	PSB	07/20/06	
QC Batch 87315										
Mercury			EPA 7471A	2000	ug/kg (dw)		100	HAM	07/26/06	
Pesticides in Sediment/Soil QC Batch 87175										
TCMX surr std			EPA 8081A	15.9	ug/kg (dw)			JSM	07/28/06	*9.00 t 24.0*
DCB surr std			EPA 8081A	41.7	ug/kg (dw)			JSM	07/28/06	*22.0 t 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.0	JSM	07/28/06	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.0	JSM	07/28/06	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JSM	07/28/06	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
CHLORDANE			EPA 8081A	170	ug/kg (dw)	J	50	JSM	07/28/06	
4,4-DDE			EPA 8081A	14	ug/kg (dw)		3.0	JSM	07/28/06	
DD			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JSM	07/28/06	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)		2.0	JSM	07/28/06	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		8.0	JSM	07/28/06	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		7.5	JSM	07/28/06	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		3.5	JSM	07/28/06	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEPTACHLOR EPOXIDE			EPA 8081A	9.0	ug/kg (dw)		4.0	JSM	07/28/06	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		130	JSM	07/28/06	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		5.0	JSM	07/28/06	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.0	JSM	07/28/06	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		20	JSM	07/28/06	
MIREX			EPA 8081A	16	ug/kg (dw)		3.5	JSM	07/28/06	
gamma-CHLORDANE			EPA 8081A	27	ug/kg (dw)		5.0	JSM	07/28/06	
alpha-CHLORDANE			EPA 8081A	14	ug/kg (dw)		5.0	JSM	07/28/06	
PCBs in Sediments or Soils QC Batch 87176										
TCMX surr std			EPA 8082	15.9	ug/kg (dw)			JSM	07/28/06	*12.0 t 24.0*
DCBP surr std			EPA 8082	41.7	ug/kg (dw)			JSM	07/28/06	*26.0 t 48.0*
PCB-1016			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	
PCB-1221			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	
PCB-1232			EPA 8082	Not Detected	ug/kg (dw)		33	JSM	07/28/06	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1242			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1248			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1254			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	
PCB-1260			EPA 8082	230	ug/kg (dw)	33	JSM	07/28/06	
PCB-1262			EPA 8082	Not Detected	ug/kg (dw)	33	JSM	07/28/06	

COMMENTS $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interference in the sample. 'D' flag: Dilution for sample was performed on 7/25/06.

COMMENTS $P_TAL_S-6010B : ICP Metals - Matrix Spike Duplicate had one analyte, Lead (34.9 RPD precision, limits 0-20 RPD) with a precision outside acceptable control limits due to high concentration of the target analyte.2-072006-336

COMMENTS $827CS - EPA 8270C - Reporting limits raised due to elevated concentrations of non-target compounds.

COMMENTS $R_TAL_S-6010B: ICP Metals - Matrix Spike had six analytes, Aluminum (4000% recovery, limits 75-125%), Copper (228%, limits 75-125%), Iron (9000% recovery, limits 75-125%), Manganese (0.0%, limits 75-125), Lead (356% recovery, limits 75-125%),and Zinc (0.0% recovery, limits 75-125%) with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. Matrix spike had fourteen analytes, Silver (0.0% recovery, limits 75-125%), Arsenic (0.0% recovery, limits 75-125%), Barium (0.0% recovery, limits 75-125%), Calcium (250% recovery, limits 75-125%), Cobalt (137%, limits 75-125%), Potassium (0.0% recovery, limits 75-125%), Magnesium(0.0% recovery, limits 75-125%), Sodium (0.0% recovery, limits 75-125%), Nickel (157% recovery, limits 75-125%), Antimony (0.0% recovery, limits 75-125%), Selenium (0.0% recovery, limits 75-125%) and Thalium (0.0% recovery , limits 75-125%) with a percent recovery outside acceptable control limits due to matrix interference. LCS results acceptable for all analytes. 2-072006-336

COMMENTS $8081S - EPA 8081A - "J" - Estimated value. Pattern exhibited signs of weathering with some early peaks missing or very low.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Camp Gordon Artillery Range

Sample Collected By/Phone: EPD Laboratory

Collection Date: 7-5-06 **LAB No.** _____

Date Submitted To Lab: 7-11-06

HWMB LOG NUMBER: _____ Trip Blank

File a separate Request Sheet for each sample point)

Analysis Needed By: Routine _____ Ot

Sample ID: [illegible]
Location ID: [illegible]
Description: [illegible] BOAT ON HW TRIP BK
Collector: EPD LABORATORY
Site:

Sample Description (check one)

Waste _____ Soil/Sedimen
Ground Water _____ Surface Wate

Concentration of Organics Requested (estimated): High ___ Lo

Describe Sample Including Source and Known Properties (e.g. pH, concentration):

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

___ HALF GALLONS/CYANIDE
___ NUTRIENTS/SULFATES
___ ECOL BOTTLES
___ METAL BOTTLES
___ AMBER BOTTLES
1 VOC VIALS Blank
___ SULFIDES/PHENOLS
___ OIL AND GREASE

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value in [illegible] results)

1. TOTAL ORGANICS
   - Semi-Volatiles (Acid & Base/Neutral) _____
   - Volatiles ✓
   - Pesticides _____
   - Herbicides _____
   - Organophosphorous Pesticides _____
   - PCB _____
   - BETX _____
   - Total Petroleum Hydrocarbon _____

   Organics Special Requests: _____

2. TOTAL METALS
   - ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
   - Mercury _____
   - Metals Special Requests: _____

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

3. TCLP ORGANICS
   - Volatiles _____
   - Semi-Volatiles (Acid & Base/Neutral) _____
   - Pesticides _____
   - Herbicides _____
   - Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS
   - TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____
   - Mercury _____
   - Additional Metals for TCLP: _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

TNB

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	07/05/06
Time Collected:	0:00
Sample Collector:	EPD LABORAT
Chlorination:	
Sample Type:	T
Received By:	TNB
Date Received:	07/12/06
Time Received:	9:59 AM
Project:	HW
Reporting Date:	08/04/06
Received Temperature:	0.0 C

Sample ID:	AF37593
Facility Name:	CAMP GORDON HW TRIP BK
Site ID:	HWMB
Location ID:	
Location Descr:	HW TRIP BK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 87041									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/L	5	VK	07/13/06	*48 t 57.5*
Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*47.5 t 57.5*
ene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/L	5	VK	07/13/06	*45.5 t 55.5*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	51	ug/L	5	VK	07/13/06	*44 t 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L	2	VK	07/13/06	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acetone	81552		EPA 8260B	Not Detected	ug/L	100	VK	07/13/06	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L	10	VK	07/13/06	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Acrylonitrile			EPA 8260B	Not Detected	ug/L	200	VK	07/13/06	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L	50	VK	07/13/06	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L	5	VK	07/13/06	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
/kg: micrograms/kilogram
g: micrograms/gram
m: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected	ug/L		100	VK	07/13/06	
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Chloroform	32106		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Benzene	34030		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Methylcyclohexane			EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/L		50	VK	07/13/06	
Toluene	34010		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/L		50	VK	07/13/06	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/L		10	VK	07/13/06	
o-Xylene	77135		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Styrene	77128		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Bromoform	32104		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected	ug/L		100	VK	07/13/06	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/L		5	VK	07/13/06	

ug/L: micrograms/liter
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MCL: Maximum Contaminant Level
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TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
Naphthalene	34696		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/L	5	VK	07/13/06	

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mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37391
Location Code: HWMB
Date Collected: 07/10/06 1:00:00 PM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $8082H-87038
Project: HW
Sample Description: CAMP GORDON/ HW10397

Samples in Batch #: 87038

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$8082H DCB surr std	0.550	0.777	0.800	0.782	0.817			0.807	0.788		101
$8082H PCB-1016	ND	<1.0	10.0	9.43	10.3	8.82	94.3	9.73	9.60	1.34	97.3
$8082H PCB-1221	ND	<1.0									
$8082H PCB-1232	ND	<1.0									
$8082H PCB-1242	ND	<1.0									
$8082H PCB-1248	ND	<1.0									
$8082H PCB-1254	ND	<1.0									
$8082H PCB-1260	ND	<1.0	10.0	9.83	10.5	6.59	98.3	10.3	10.1	1.96	103
$8082H PCB-1262	ND	<1.0									
$8082H TCMX surr std	0.418	0.353	0.400	0.337	0.357			0.315	0.314		78.8

RECEIVED
AUG 10 2006
HAZARDOUS WASTE MANAGEMENT BRANCH

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37391
Location Code: HWMB
Date Collected: 07/10/06 1:00:00 PM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $8082H-87038
Project: HW
Sample Description: CAMP GORDON/ HW10397

Samples in Batch #: 87038

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
				ug/L	ug/L	%					
$8082H DCB surr std				80	83.8	105					
$8082H PCB-1016				1000	1060	106					
$8082H PCB-1221				ND	ND	ND					
$8082H PCB-1232				ND	ND	ND					
$8082H PCB-1242				ND	ND	ND					
$8082H PCB-1248				ND	ND	ND					
$8082H PCB-1254				ND	ND	ND					
$8082H PCB-1260				1000	1050	105					
$8082H PCB-1262				ND	ND	ND					
$8082H TCMX surr std				40	41.6	104					

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $8081H-87037
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87037

AF35926	AF37385	AF37386	AF37387
AF37388	AF37389	AF37390	AF37391
AF37392	AF37592		

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$8081H 4,4-DDD	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H 4,4-DDE	ND	<0.05	0.800	0.842	0.815	3.26	105	0.782	0.777	0.641	97.8
$8081H 4,4-DDT	ND	<0.06	ND	ND	ND		ND	ND	ND	ND	ND
$8081H a-BHC	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H ALDRIN	ND	<0.05	0.400	0.401	0.386	3.81	100	0.355	0.355	0.00	88.8
$8081H alpha-CHLORDANE	ND	<0.10	0.400	0.422	0.404	4.36	106	0.400	0.400	0.00	100
$8081H b-BHC	ND	<0.06	0.400	0.447	0.412	8.15	112	0.429	0.422	1.65	107
$8081H CHLORDANE	ND	<2.0	ND	ND	ND		ND	ND	ND	ND	ND
$8081H CHLORPYRIFOS (DURSBAN)	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H d-BHC	ND	<0.15	0.400	0.385	0.362	6.16	96.2	0.351	0.351	0.00	87.8
$8081H DCB surr std	0.542	0.777	0.800	0.846	0.831			0.780	0.780		97.5
$8081H DIELDRIN	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H ENDOSULFAN I	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H ENDOSULFAN II	ND	<0.10	0.800	0.853	0.823	3.58	107	0.862	0.829	3.90	108
$8081H ENDOSULFAN SULFATE	ND	<0.10	0.800	0.828	0.799	3.56	104	0.801	0.793	1.00	100
$8081H ENDRIN	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H ENDRIN ALDEHYDE	ND	<0.10	0.800	0.860	0.825	4.15	108	0.815	0.814	0.123	102
$8081H gamma-CHLORDANE	ND	<0.10	0.400	0.416	0.402	3.42	104	0.394	0.396	0.506	98.5
$8081H HEPTACHLOR	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H HEPTACHLOR EPOXIDE	ND	<0.05	0.400	0.405	0.390	3.77	101	0.399	0.399	0.00	99.8
$8081H HEXACHLOROBENZENE	ND	<0.05	0.400	0.428	0.415	3.08	107	0.373	0.378	1.33	93.2
$8081H LINDANE (g-BHC)	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H METHOXYCHLOR	ND	<0.20	ND	ND	ND		ND	ND	ND	ND	ND
$8081H MIREX	ND	<0.30	ND	ND	ND		ND	ND	ND	ND	ND
$8081H TCMX surr std	0.413	0.353	0.400	0.402	0.388			0.324	0.327		81.0
$8081H TOXAPHENE	ND	<3.0	ND	ND	ND		ND	ND	ND	ND	ND

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $8081H-87037
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87037

AF35926	AF37385	AF37386	AF37387
AF37388	AF37389	AF37390	AF37391
AF37392	AF37592		

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
				ug/L	ug/L	%					
$8081H 4,4-DDD				80	86.8	108					
$8081H 4,4-DDE				80	85.5	107					
$8081H 4,4-DDT				80	78.4	98.0					
$8081H a-BHC				40	39.6	99.0					
$8081H ALDRIN				40	42.9	107					
$8081H alpha-CHLORDANE				40	42.7	107					
$8081H b-BHC				40	43.4	108					
$8081H CHLORDANE				1000	1040	104					
$8081H CHLORPYRIFOS (DURSBAN)				80	83.5	104					
$8081H d-BHC				40	40.7	102					
$8081H DCB surr std				80	85.1	106					
$8081H DIELDRIN				80	82.6	103					
$8081H ENDOSULFAN I				40	41.7	104					
$8081H ENDOSULFAN II				80	86.9	109					
$8081H ENDOSULFAN SULFATE				80	84.5	106					
$8081H ENDRIN				80	82.8	104					
$8081H ENDRIN ALDEHYDE				80	85.1	106					
$8081H gamma-CHLORDANE				40	42.3	106					
$8081H HEPTACHLOR				40	39.2	98.0					
$8081H HEPTACHLOR EPOXIDE				40	42.7	107					
$8081H HEXACHLOROBENZENE				40	45.2	113					
$8081H LINDANE (g-BHC)				40	39.8	99.5					
$8081H METHOXYCHLOR				400	417	104					
$8081H MIREX				80	77.8	97.2					
$8081H TCMX surr std				40	40.1	100					
$8081H TOXAPHENE				1000	997	99.7					

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
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Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: HG7470-87064
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87064

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
HG7470	ND	<0.2	3.00	2.88	2.85	1.05	96.0	3.08	3.10	0.647	103

CALIBRATION VALIDATION

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Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: HG7470-87064
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87064

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/L	ug/L	%	ug/L	ug/L	%	%	%			RPD
HG7470	3.00	3.06	102	3.00	3.10	103	108	110			4.11

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $TAL_L-86978
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 86978

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$TAL_L Aluminum	ND	<200	1000	1140	1130	0.881	114	1030	1050	1.92	103
$TAL_L Calcium	9100	<5000	25000	33100	33000	0.303	96.0	25100	25100	0.00	100
$TAL_L Iron	1200	<100	1000	2180	2180	0.00	98.0	1050	1050	0.00	105
$TAL_L Magnesium	ND	<5000	25000	28800	28800	0.00	115	26700	26700	0.00	107
$TAL_L Manganese	83	<15	500	589	588	0.170	101	519	520	0.192	104
$TAL_L Potassium	ND	<5000	25000	27100	27000	0.370	108	26000	26000	0.00	104
$TAL_L Sodium	ND	<5000	25000	29600	29500	0.338	118	26100	26100	0.00	104

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $TAL_L-86978
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 86978

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/L	ug/L	%	ug/L	ug/L	%	%	%			RPD
$TAL_L Aluminum	5000	5030	101	5000	5000	100	100	100			0.00
$TAL_L Calcium	5000	4980	99.6	5000	4970	99.4	99.4	100			0.00
$TAL_L Iron	5000	4970	99.4	5000	4950	99.0	100	100			1.00
$TAL_L Magnesium	5000	4800	96.0	5000	4790	95.8	99.8	100			4.09
$TAL_L Manganese	5000	4990	99.8	5000	4950	99.0	100	101			1.20
$TAL_L Potassium	5000	4920	98.4	5000	4940	98.8	97.4	98.6			1.43
$TAL_L Sodium	5000	4940	98.8	5000	4930	98.6	99.6	101			1.01

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $IMSTL-87140
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87140

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	Result ug/L	Method Blank	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$IMSTL Antimony 121	ND		500	529	532	0.566	106	531	543	2.23	106
$IMSTL Arsenic 75	ND		500	453	453	0.00	90.6	460	470	2.15	92.0
$IMSTL Barium 137	ND		500	524	525	0.191	105	514	520	1.16	103
$IMSTL Beryllium 9	ND		500	551	568	3.04	110	556	558	0.359	111
$IMSTL Cadmium 111	ND		500	511	512	0.196	102	516	525	1.73	103
$IMSTL Chromium 52	ND		500	445	450	1.12	89.0	434	452	4.06	86.8
$IMSTL Cobalt 59	ND		500	464	463	0.216	92.8	453	470	3.68	90.6
$IMSTL Copper 65	ND		500	487	498	2.23	97.4	499	508	1.79	99.8
$IMSTL Lead 207	ND		500	465	479	2.97	93.0	475	479	0.839	95.0
$IMSTL Nickel 60	ND		500	486	487	0.206	97.2	489	503	2.82	97.8
$IMSTL Selenium 82	ND		500	533	527	1.13	107	539	553	2.56	108
$IMSTL Silver 107	ND		100	100	101	0.995	100	102	104	1.94	102
$IMSTL Thallium 205	ND		500	415	426	2.62	83.0	425	437	2.78	85.0
$IMSTL Vanadium 51	ND		500	450	457	1.54	90.0	440	457	3.79	88.0
$IMSTL Zinc 68	ND		500	497	507	1.99	99.4	513	514	0.195	103

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $IMSTL-87140
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87140

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/L	ug/L	%	ug/L	ug/L	%	%	%			RPD
$IMSTL Antimony 121	20.0	18.8	94.0	25.0	24.9	99.6	98.4	100			1.21
$IMSTL Arsenic 75	20.0	19.6	98.0	25.0	23.1	92.4	91.6	96.4			0.870
$IMSTL Barium 137	20.0	19.8	99.0	25.0	25.2	101	96.8	98.8			4.05
$IMSTL Beryllium 9	20.0	19.6	98.0	25.0	26.8	107	103	105			3.80
$IMSTL Cadmium 111	20.0	19.6	98.0	25.0	25.8	103	99.2	99.6			3.95
$IMSTL Chromium 52	20.0	21.6	108	25.0	25.6	102	104	109			1.93
$IMSTL Cobalt 59	20.0	19.6	98.0	25.0	25.5	102	97.2	96.8			4.82
$IMSTL Copper 65	20.0	19.8	99.0	25.0	26.0	104	98.0	96.8			5.94
$IMSTL Lead 207	20.0	19.1	95.5	25.0	24.9	99.6	99.6	99.6			0.00
$IMSTL Nickel 60	20.0	19.4	97.0	25.0	25.5	102	95.6	95.6			6.48
$IMSTL Selenium 82	100	95.1	95.1	125	130	104	101	94.4			3.12
$IMSTL Silver 107	4.00	3.89	97.2	5.00	5.05	101	92.0	96.0			9.33
$IMSTL Thallium 205	20.0	18.8	94.0	25.0	24.9	99.6	100	100			0.800
$IMSTL Vanadium 51	20.0	21.5	108	25.0	24.3	97.2	103	107			5.99
$IMSTL Zinc 68	20.0	19.5	97.5	25.0	25.0	100	91.6	93.6			8.77

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: CNTAL-87014
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87014

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
CNTAL	ND	<20	400	392	391	0.255	98.0	398	391	1.77	99.5

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: CNTAL-87014
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87014

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
			%								
CNTAL	376	360	104								

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37392
Location Code: HWMB
Date Collected: 07/10/06 10:05:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $827CW-87148
Project: HW
Sample Description: CAMP GORDON/ HW10420

Samples in Batch #: 87148

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$827CW 1,1'-Biphenyl	ND	<10									
$827CW 1,2,4,5-Tetrachlorobenzene	ND	<10									
$827CW 1,2,4-Trichlorobenzene	ND	<10	100	48	44	8.7	48	55	52	5.6	55
$827CW 1,2-Dichlorobenzene	ND	<10									
$827CW 1,2-Diphenylhydrazine	ND	<10									
$827CW 1,3-Dichlorobenzene	ND	<10									
$827CW 1,4-Dichlorobenzene	ND	<10	100	42	41	2.4	42	47	45	4.3	47
$827CW 1,4-Dioxane	ND	<10									
$827CW 1-Chloronaphthalene	ND	<10									
$827CW 1-Naphthylamine	ND	<10									
$827CW 2,3,4,6-Tetrachlorophenol	ND	<10									
$827CW 2,4,5-Trichlorophenol	ND	<10									
$827CW 2,4,6-Tribromophenol(Surrogate QC Std.)	51	60	100	63	57	10	63	73	74	1.4	73
$827CW 2,4,6-Trichlorophenol	ND	<10									
$827CW 2,4-Dichlorophenol	ND	<10									
$827CW 2,4-Dimethylphenol	ND	<10									
$827CW 2,4-Dinitrophenol	ND	<50									
$827CW 2,4-Dinitrotoluene	ND	<10	100	66	66	0.0	66	86	85	1.2	86
$827CW 2,6-Dichlorophenol	ND	<10									
$827CW 2,6-Dinitrotoluene	ND	<10									
$827CW 2-Chloronaphthalene	ND	<10									
$827CW 2-Chlorophenol	ND	<10	100	54	48	12	54	63	63	0.0	63
$827CW 2-Fluorobiphenyl(Surrogate QC Std.)	50	49	100	56	47	17	56	65	62	4.7	65
$827CW 2-Fluorophenol(Surrogate QC Std.)	48	49	100	51	45	12	51	57	57	0.0	57
$827CW 2-Methylnaphthalene	ND	<10									
$827CW 2-Methylphenol	ND	<10									
$827CW 2-Naphthylamine	ND	<10									
$827CW 2-Nitroaniline	ND	<50									

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37392
Location Code: HWMB
Date Collected: 07/10/06 10:05:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $827CW-87148
Project: HW
Sample Description: CAMP GORDON/ HW10420

Samples in Batch #: 87148

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37592			

Analysis/Analyte	IA ug/L	IS ug/L	IR %	CA	C1	R1	R2	R3	R4	R5	CP
$827CW 1,1'-Biphenyl	50	52	100								
$827CW 1,2,4,5-Tetrachlorobenzene	50	51	100								
$827CW 1,2,4-Trichlorobenzene	50	49	98								
$827CW 1,2-Dichlorobenzene	50	49	98								
$827CW 1,2-Diphenylhydrazine	50	50	100								
$827CW 1,3-Dichlorobenzene	50	49	98								
$827CW 1,4-Dichlorobenzene	50	48	96								
$827CW 1,4-Dioxane	50	49	98								
$827CW 1-Chloronaphthalene	50	50	100								
$827CW 1-Naphthylamine	50	50	100								
$827CW 2,3,4,6-Tetrachlorophenol	50	55	110								
$827CW 2,4,5-Trichlorophenol	50	53	110								
$827CW 2,4,6-Tribromophenol(Surrogate QC Std.)	50	53	110								
$827CW 2,4,6-Trichlorophenol	50	53	110								
$827CW 2,4-Dichlorophenol	50	51	100								
$827CW 2,4-Dimethylphenol	50	50	100								
$827CW 2,4-Dinitrophenol	50	50	100								
$827CW 2,4-Dinitrotoluene	50	52	100								
$827CW 2,6-Dichlorophenol	50	51	100								
$827CW 2,6-Dinitrotoluene	50	51	100								
$827CW 2-Chloronaphthalene	50	50	100								
$827CW 2-Chlorophenol	50	50	100								
$827CW 2-Fluorobiphenyl(Surrogate QC Std.)	50	50	100								
$827CW 2-Fluorophenol(Surrogate QC Std.)	50	50	100								
$827CW 2-Methylnaphthalene	50	49	98								
$827CW 2-Methylphenol	50	50	100								
$827CW 2-Naphthylamine	50	50	100								
$827CW 2-Nitroaniline	50	52	100								

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$827CW 2-Nitrophenol	ND	<10									
$827CW 2-Picoline	ND	<10									
$827CW 3,3'-Dichlorobenzidine	ND	<20									
$827CW 3-Methylcholanthrene	ND	<10									
$827CW 3-Nitroaniline	ND	<50									
$827CW 4,6-Dinitro-2-Methylphenol	ND	<50									
$827CW 4-Aminobiphenyl	ND	<20									
$827CW 4-Bromophenyl-phenylether	ND	<10									
$827CW 4-Chloro-3-Methylphenol	ND	<20	100	54	48	12	54	71	68	4.3	71
$827CW 4-Chloroaniline	ND	<20									
$827CW 4-Chlorophenyl-Phenylether	ND	<10									
$827CW 4-Methylphenol	ND	<10									
$827CW 4-Nitroaniline	ND	<20									
$827CW 4-Nitrophenol	ND	<50	100	62	59	5.0	62	73	73	0.0	73
$827CW 7,12-Dimethylbenz(a)anthracen	ND	<10									
$827CW aa-Dimethyl-Phenethylamine	ND	<10									
$827CW Acenaphthene	ND	<10	100	56	49	13	56	71	67	5.8	71
$827CW Acenaphthylene	ND	<10									
$827CW Acetophenone	ND	<10									
$827CW Aldrin	ND	<10									
$827CW Alpha-BHC	ND	<10									
$827CW Aniline	ND	<10									
$827CW Anthracene	ND	<10									
$827CW Atrazine	ND	<10									
$827CW Benzaldehyde	ND	<10									
$827CW Benzidine	ND	<10									
$827CW Benzo[a]anthracene	ND	<10									
$827CW Benzo[a]pyrene	ND	<10									
$827CW Benzo[b]fluoranthene	ND	<10									
$827CW Benzo[g,h,i]perylene	ND	<10									
$827CW Benzo[k]fluoranthene	ND	<10									
$827CW Benzoic Acid	ND	<50									

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/L	ug/L	%								
$827CW 2-Nitrophenol	50	51	100								
$827CW 2-Picoline	50	49	98								
$827CW 3,3'-Dichlorobenzidine	50	52	100								
$827CW 3-Methylcholanthrene	50	51	100								
$827CW 3-Nitroaniline	50	52	100								
$827CW 4,6-Dinitro-2-Methylphenol	50	49	98								
$827CW 4-Aminobiphenyl	50	51	100								
$827CW 4-Bromophenyl-phenylether	50	50	100								
$827CW 4-Chloro-3-Methylphenol	50	50	100								
$827CW 4-Chloroaniline	50	50	100								
$827CW 4-Chlorophenyl-Phenylether	50	50	100								
$827CW 4-Methylphenol	50	51	100								
$827CW 4-Nitroaniline	50	51	100								
$827CW 4-Nitrophenol	50	51	100								
$827CW 7,12-Dimethylbenz(a)anthracen	50	52	100								
$827CW aa-Dimethyl-Phenethylamine	50	49	98								
$827CW Acenaphthene	50	49	98								
$827CW Acenaphthylene	50	51	100								
$827CW Acetophenone	50	50	100								
$827CW Aldrin	50	54	110								
$827CW Alpha-BHC	50	53	110								
$827CW Aniline	50	50	100								
$827CW Anthracene	50	50	100								
$827CW Atrazine	50	60	120								
$827CW Benzaldehyde	50	56	110								
$827CW Benzidine	50	50	100								
$827CW Benzo[a]anthracene	50	50	100								
$827CW Benzo[a]pyrene	50	51	100								
$827CW Benzo[b]fluoranthene	50	51	100								
$827CW Benzo[g,h,i]perylene	50	50	100								
$827CW Benzo[k]fluoranthene	50	51	100								
$827CW Benzoic Acid	50	49	98								

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$827CW Benzyl Alcohol	ND	<20									
$827CW Beta-BHC	ND	<10									
$827CW Bis(2-Chloroethoxy)methane	ND	<10									
$827CW bis(2-Chloroethyl)ether	ND	<10									
$827CW Bis(2-Chloroisopropyl)ether	ND	<10									
$827CW Bis(2-Ethylhexyl)phthalate	ND	<10									
$827CW Butylbenzylphthalate	ND	<10									
$827CW Caprolactam	ND	<10									
$827CW Carbazole	ND	<10									
$827CW Chyrsene	ND	<10									
$827CW Delta-BHC	ND	<10									
$827CW Dibenz(a,j)acridine	ND	<10									
$827CW Dibenz[a,h]anthracene	ND	<10									
$827CW Dibenzofuran	ND	<10									
$827CW Dieldrin	ND	<10									
$827CW Diethylphthalate	ND	<10									
$827CW Dimethylphthalate	ND	<10									
$827CW Di-n-Butylphthalate	ND	<10									
$827CW Di-n-octylphthalate	ND	<10									
$827CW Diphenylamine	ND	<10									
$827CW Endosulfan 1	ND	<50									
$827CW Endosulfan 2	ND	<50									
$827CW Endosulfan Sulfate	ND	<25									
$827CW Endrin	ND	<20									
$827CW Endrin Aldehyde	ND	<10									
$827CW Ethylmethanesulfonate	ND	<20									
$827CW Fluoranthene	ND	<10									
$827CW Fluorene	ND	<10									
$827CW Gamma-BHC	ND	<10									
$827CW Heptachlor	ND	<10									
$827CW Heptachlor Epoxide	ND	<25									
$827CW Hexachlorobenzene	ND	<10									

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/L	ug/L	%								
$827CW Benzyl Alcohol	50	50	100								
$827CW Beta-BHC	50	51	100								
$827CW Bis(2-Chloroethoxy)methane	50	49	98								
$827CW bis(2-Chloroethyl)ether	50	49	98								
$827CW Bis(2-Chloroisopropyl)ether	50	49	98								
$827CW Bis(2-Ethylhexyl)phthalate	50	51	100								
$827CW Butylbenzylphthalate	50	50	100								
$827CW Caprolactam	50	56	110								
$827CW Carbazole	50	53	110								
$827CW Chyrsene	50	48	96								
$827CW Delta-BHC	50	52	100								
$827CW Dibenz(a,j)acridine	50	50	100								
$827CW Dibenz[a,h]anthracene	50	50	100								
$827CW Dibenzofuran	50	50	100								
$827CW Dieldrin	50	54	110								
$827CW Diethylphthalate	50	51	100								
$827CW Dimethylphthalate	50	51	100								
$827CW Di-n-Butylphthalate	50	51	100								
$827CW Di-n-octylphthalate	50	52	100								
$827CW Diphenylamine	50	50	100								
$827CW Endosulfan 1	50	55	110								
$827CW Endosulfan 2	50	54	110								
$827CW Endosulfan Sulfate	50	56	110								
$827CW Endrin	50	56	110								
$827CW Endrin Aldehyde	50	56	110								
$827CW Ethylmethanesulfonate	50	49	98								
$827CW Fluoranthene	50	50	100								
$827CW Fluorene	50	50	100								
$827CW Gamma-BHC	50	52	100								
$827CW Heptachlor	50	58	120								
$827CW Heptachlor Epoxide	50	52	100								
$827CW Hexachlorobenzene	50	50	100								

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$827CW Hexachlorobutadiene	ND	<10									
$827CW Hexachlorocyclopentadiene	ND	<10									
$827CW Hexachloroethane	ND	<10									
$827CW Indeno[1,2,3-cd]pyrene	ND	<10									
$827CW Isophorone	ND	<10									
$827CW Methylmethanesulfonate	ND	<10									
$827CW Naphthalene	ND	<10									
$827CW Nitrobenzene	ND	<10									
$827CW Nitrobenzene-d5(Surrogate QC Std.)	54	50	100	54	49	9.7	54	63	59	6.6	63
$827CW n-Nitrosodimethylamine	ND	<10									
$827CW N-Nitroso-di-n-butylamine	ND	<10									
$827CW N-Nitroso-di-n-propylamine	ND	<10	100	53	47	12	53	66	67	1.5	66
$827CW N-Nitrosodiphenylamine	ND	<10									
$827CW N-Nitrosopiperidine	ND	<20									
$827CW p,p'-DDD	ND	<10									
$827CW p,p'-DDE	ND	<10									
$827CW p,p'-DDT	ND	<10									
$827CW p-Dimethylaminoazobenzene	ND	<10									
$827CW Pentachlorobenzene	ND	<10									
$827CW Pentachloronitrobenzene	ND	<20									
$827CW Pentachlorophenol	ND	<50	100	67	61	9.4	67	68	63	7.6	68
$827CW Phenacetin	ND	<20									
$827CW Phenanthrene	ND	<10									
$827CW Phenol	ND	<10	100	55	48	14	55	65	66	1.5	65
$827CW Phenol-d5(Surrogate QC Std.)	52	51	100	55	48	14	55	62	62	0.0	62
$827CW Pronamide	ND	<10									
$827CW Pyrene	ND	<10	100	83	77	7.5	83	93	92	1.1	93
$827CW Pyridine	ND	<10									
$827CW Terphenyl-d14(Surrogate QC Std.)	54	75	100	76	68	11	76	95	93	2.1	95

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/L	ug/L	%								
$827CW Hexachlorobutadiene	50	49	98								
$827CW Hexachlorocyclopentadiene	50	53	110								
$827CW Hexachloroethane	50	49	98								
$827CW Indeno[1,2,3-cd]pyrene	50	50	100								
$827CW Isophorone	50	49	98								
$827CW Methylmethanesulfonate	50	50	100								
$827CW Naphthalene	50	49	98								
$827CW Nitrobenzene	50	50	100								
$827CW Nitrobenzene-d5(Surrogate QC Std.)	50	50	100								
$827CW n-Nitrosodimethylamine	50	50	100								
$827CW N-Nitroso-di-n-butylamine	50	49	98								
$827CW N-Nitroso-di-n-propylamine	50	49	98								
$827CW N-Nitrosodiphenylamine	50	50	100								
$827CW N-Nitrosopiperidine	50	49	98								
$827CW p,p'-DDD	50	56	110								
$827CW p,p'-DDE	50	50	100								
$827CW p,p'-DDT	50	59	120								
$827CW p-Dimethylaminoazobenzene	50	51	100								
$827CW Pentachlorobenzene	50	50	100								
$827CW Pentachloronitrobenzene	50	54	110								
$827CW Pentachlorophenol	50	58	120								
$827CW Phenacetin	50	51	100								
$827CW Phenanthrene	50	50	100								
$827CW Phenol	50	50	100								
$827CW Phenol-d5(Surrogate QC Std.)	50	51	100								
$827CW Pronamide	50	52	100								
$827CW Pyrene	50	49	98								
$827CW Pyridine	50	48	96								
$827CW Terphenyl-d14(Surrogate QC Std.)	50	49	98								

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $826BW-87041
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87041

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37393	AF37405	AF37592	AF37593
AF37616	AF38087		

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$826BW 1,1,1,2-Tetrachloroethane	ND	<5						49			
$826BW 1,1,1-Trichloroethane	ND	<5						50			
$826BW 1,1,2,2-Tetrachloroethane	ND	<5						46			
$826BW 1,1,2-Trichloroethane	ND	<5						48			
$826BW 1,1,2-Trichlorotrifluoroethane	ND	<10						52			
$826BW 1,1-Dichloroethane	ND	<5						50			
$826BW 1,1-Dichloroethene	ND	<5	50	33	33	0.00	66.0	51	52	1.94	102
$826BW 1,1-Dichloropropene	ND	<5						51			
$826BW 1,2,3-Trichlorobenzene	ND	<5						45			
$826BW 1,2,3-Trichloropropane	ND	<5						45			
$826BW 1,2,4-Trichlorobenzene	ND	<5						48			
$826BW 1,2,4-Trimethylbenzene	ND	<5						50			
$826BW 1,2-Dibromo-3-chloropropane	ND	<5						43			
$826BW 1,2-Dibromoethane	ND	<5						47			
$826BW 1,2-Dichlorobenzene	ND	<5						50			
$826BW 1,2-Dichloroethane	ND	<5						48			
$826BW 1,2-Dichloroethane-d4(Surrogate QC Std.)	49	50	50	54	54			50			
$826BW 1,2-Dichloropropane	ND	<5						50			
$826BW 1,3,5-Trimethylbenzene	ND	<5						50			
$826BW 1,3-Dichlorobenzene	ND	<5						50			
$826BW 1,3-Dichloropropane	ND	<5						49			
$826BW 1,4-Dichlorobenzene	ND	<5						49			
$826BW 2,2-Dichloropropane	ND	<5						54			
$826BW 2-Butanone	ND	<100						44			
$826BW 2-Chlorotoluene	ND	<5						50			
$826BW 2-Hexanone	ND	<50						42			
$826BW 4-Chlorotoluene	ND	<5						50			

CALIBRATION _ALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37385
Location Code: HWMB
Date Collected: 07/10/06 8:00:00 AM
Date Received: 07/10/06 2:53:00 PM

QA/QC Batch Name: $826BW-87041
Project: HW
Sample Description: CAMP GORDON/HW10381

Samples in Batch #: 87041

AF37385	AF37386	AF37387	AF37388
AF37389	AF37390	AF37391	AF37392
AF37393	AF37405	AF37592	AF37593
AF37616	AF38087		

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
$826BW 1,1,1,2-Tetrachloroethane											
$826BW 1,1,1-Trichloroethane											
$826BW 1,1,2,2-Tetrachloroethane											
$826BW 1,1,2-Trichloroethane											
$826BW 1,1,2-Trichlorotrifluoroethane											
$826BW 1,1-Dichloroethane											
$826BW 1,1-Dichloroethene											
$826BW 1,1-Dichloropropene											
$826BW 1,2,3-Trichlorobenzene											
$826BW 1,2,3-Trichloropropane											
$826BW 1,2,4-Trichlorobenzene											
$826BW 1,2,4-Trimethylbenzene											
$826BW 1,2-Dibromo-3-chloropropane											
$826BW 1,2-Dibromoethane											
$826BW 1,2-Dichlorobenzene											
$826BW 1,2-Dichloroethane											
$826BW 1,2-Dichloroethane-d4(Surrogate QC Std.											
$826BW 1,2-Dichloropropane											
$826BW 1,3,5-Trimethylbenzene											
$826BW 1,3-Dichlorobenzene											
$826BW 1,3-Dichloropropane											
$826BW 1,4-Dichlorobenzene											
$826BW 2,2-Dichloropropane											
$826BW 2-Butanone											
$826BW 2-Chlorotoluene											
$826BW 2-Hexanone											
$826BW 4-Chlorotoluene											

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$826BW 4-Methyl-2-pentanone	ND	<50						43			
$826BW Acetone	ND	<100						44			
$826BW Acrylonitrile	ND	<200						380			
$826BW Benzene	ND	<5	50	59	60	1.68	118	51	53	3.85	102
$826BW Bromobenzene	ND	<5						49			
$826BW Bromochloromethane	ND	<5						48			
$826BW Bromodichloromethane	ND	<5						50			
$826BW Bromofluorobenzene(Surrogate QC Std.)	51	51	50	51	51			51			
$826BW Bromoform	ND	<5						46			
$826BW Bromomethane	ND	<10						54			
$826BW Carbon disulfide	ND	<5						51			
$826BW Carbon tetrachloride	ND	<5						49			
$826BW Chlorobenzene	ND	<5	50	62	63	1.60	124	50	49	2.02	100
$826BW Chloroethane	ND	<10						55			
$826BW Chloroform	ND	<5						50			
$826BW Chloromethane	ND	<10						50			
$826BW cis-1,2-Dichloroethene	ND	<5						52			
$826BW cis-1,3-Dichloropropene	ND	<5						51			
$826BW Cyclohexane	ND	<10						49			
$826BW Dibromochloromethane	ND	<5						48			
$826BW Dibromofluoromethane(Surrogate QC Std.)	51	50	50	54	53			49			
$826BW Dibromomethane	ND	<5						49			
$826BW Dichlorodifluoromethane	ND	<5						52			
$826BW Ethylbenzene	ND	<5						50			
$826BW Hexachlorobutadiene	ND	<5						48			
$826BW Iodomethane	ND	<5						55			
$826BW Isopropylbenzene	ND	<5						51			
$826BW Methyl acetate	ND	<10						45			
$826BW Methyl tert-butyl ether	ND	<5						49			
$826BW Methylcyclohexane	ND	<10						52			
$826BW Methylene chloride	ND	<5						53			
$826BW Naphthalene	ND	<5						45			

CALIBRATION _ALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
$826BW 4-Methyl-2-pentanone											
$826BW Acetone											
$826BW Acrylonitrile											
$826BW Benzene											
$826BW Bromobenzene											
$826BW Bromochloromethane											
$826BW Bromodichloromethane											
$826BW Bromofluorobenzene(Surrogate QC Std.)											
$826BW Bromoform											
$826BW Bromomethane											
$826BW Carbon disulfide											
$826BW Carbon tetrachloride											
$826BW Chlorobenzene											
$826BW Chloroethane											
$826BW Chloroform											
$826BW Chloromethane											
$826BW cis-1,2-Dichloroethene											
$826BW cis-1,3-Dichloropropene											
$826BW Cyclohexane											
$826BW Dibromochloromethane											
$826BW Dibromofluoromethane(Surrogate QC Std											
$826BW Dibromomethane											
$826BW Dichlorodifluoromethane											
$826BW Ethylbenzene											
$826BW Hexachlorobutadiene											
$826BW Iodomethane											
$826BW Isopropylbenzene											
$826BW Methyl acetate											
$826BW Methyl tert-butyl ether											
$826BW Methylcyclohexane											
$826BW Methylene chloride											
$826BW Naphthalene											

QA/QC BATC . REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$826BW n-Butylbenzene	ND	<5						48			
$826BW N-Propylbenzene	ND	<5						50			
$826BW o-Xylene	ND	<5						51			
$826BW p,m-Xylene	ND	<10						100			
$826BW p-Isopropyltoluene	ND	<5						50			
$826BW sec-Butylbenzene	ND	<5						50			
$826BW Styrene	ND	<5						51			
$826BW tert-Butylbenzene	ND	<5						51			
$826BW Tetrachloroethene	ND	<5						51			
$826BW Toluene	ND	<5	50	63	63	0.00	126	50	52	3.92	100
$826BW Toluene-d8(Surrogate QC Std.)	51	50	50	51	51			49			
$826BW trans-1,2-Dichloroethene	ND	<5						53			
$826BW trans-1,3-Dichloropropene	ND	<5						50			
$826BW trans-1,4-Dichloro-2-butene	ND	<100						44			
$826BW Trichloroethene	ND	<5	50	57	58	1.74	114	50	52	3.92	100
$826BW Trichlorofluoromethane	ND	<5						50			
$826BW Vinyl acetate	ND	<50						47			
$826BW Vinyl chloride	ND	<2						50			

CALIBRATION _ALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
$826BW n-Butylbenzene											
$826BW N-Propylbenzene											
$826BW o-Xylene											
$826BW p,m-Xylene											
$826BW p-Isopropyltoluene											
$826BW sec-Butylbenzene											
$826BW Styrene											
$826BW tert-Butylbenzene											
$826BW Tetrachloroethene											
$826BW Toluene											
$826BW Toluene-d8(Surrogate QC Std.)											
$826BW trans-1,2-Dichloroethene											
$826BW trans-1,3-Dichloropropene											
$826BW trans-1,4-Dichloro-2-butene											
$826BW Trichloroethene											
$826BW Trichlorofluoromethane											
$826BW Vinyl acetate											
$826BW Vinyl chloride											

QA/QC BATC REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF38083
Location Code: HWMB
Date Collected: 07/12/06 1:30:00 PM
Date Received: 07/13/06 2:30:00 PM

QA/QC Batch Name: $826BS-87359
Project: HW
Sample Description: CAMP GORDON / HW10401

Samples in Batch #: 87359

AF37394	AF37603	AF37604	AF37605
AF37606	AF37607	AF37608	AF37609
AF37610	AF37611	AF37612	AF37613
AF37614	AF37615	AF38083	AF38084
AF38085	AF38086		

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg	Amount Spiked ug/Kg	MS Result ug/Kg	MS Dup Result ug/Kg	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg	LCS Dup Result ug/Kg	LCS Dup Precision RPD	LCS Recovery %
$826BS 1,1,1,2-Tetrachloroethane	ND	<5						48			
$826BS 1,1,1-Trichloroethane	ND	<5						46			
$826BS 1,1,2,2-Tetrachloroethane	ND	<5						53			
$826BS 1,1,2-Trichloroethane	ND	<5						52			
$826BS 1,1,2-Trichlorotrifluoroethane	ND	<10						48			
$826BS 1,1-Dichloroethane	ND	<5						48			
$826BS 1,1-Dichloroethene	ND	<5	50	41	43	4.8	82.0	48	52	8.0	96.0
$826BS 1,1-Dichloropropene	ND	<5						48			
$826BS 1,2,3-Trichlorobenzene	ND	<5						49			
$826BS 1,2,3-Trichloropropane	ND	<5						51			
$826BS 1,2,4-Trichlorobenzene	ND	<5						49			
$826BS 1,2,4-Trimethylbenzene	ND	<5						48			
$826BS 1,2-Dibromo-3-chloropropane	ND	<5						55			
$826BS 1,2-Dibromoethane	ND	<5						53			
$826BS 1,2-Dichlorobenzene	ND	<5						50			
$826BS 1,2-Dichloroethane	ND	<5						52			
$826BS 1,2-Dichloroethane-d4(Surrogate QC Std.)	52	54	50	54				50			100
$826BS 1,2-Dichloropropane	ND	<5						52			
$826BS 1,3,5-Trimethylbenzene	ND	<5						47			
$826BS 1,3-Dichlorobenzene	ND	<5						47			
$826BS 1,3-Dichloropropane	ND	<5						52			
$826BS 1,4-Dichlorobenzene	ND	<5						51			
$826BS 2,2-Dichloropropane	ND	<5						44			
$826BS 2-Butanone	ND	<100						59			
$826BS 2-Chlorotoluene	ND	<5						47			
$826BS 2-Hexanone	ND	<50						59			
$826BS 4-Chlorotoluene	ND	<5						48			

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QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg	Amount Spiked ug/Kg	MS Result ug/Kg	MS Dup Result ug/Kg	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg	LCS Dup Result ug/Kg	LCS Dup Precision RPD	LCS Recovery %
$826BS 4-Methyl-2-pentanone	ND	<50						59			
$826BS Acetone	ND	<100						**U*69**			
$826BS Acrylonitrile		<200									
$826BS Benzene	ND	<5	50	47	47	0.0	94.0	50	54	7.7	100
$826BS Bromobenzene	ND	<5						48			
$826BS Bromochloromethane	ND	<5						57			
$826BS Bromodichloromethane	ND	<5						49			
$826BS Bromofluorobenzene(Surrogate QC Std.)	44	47	50	46				48			96.0
$826BS Bromoform	ND	<5						48			
$826BS Bromomethane	ND	<10						45			
$826BS Carbon disulfide	ND	<5						56			
$826BS Carbon tetrachloride	ND	<5						48			
$826BS Chlorobenzene	ND	<5	50	45	44	2.2	90.0	49	53	7.8	98.0
$826BS Chloroethane	ND	<10						50			
$826BS Chloroform	ND	<5						52			
$826BS Chloromethane	ND	<10						50			
$826BS cis-1,2-Dichloroethene	ND	<5						51			
$826BS cis-1,3-Dichloropropene	ND	<5						50			
$826BS Cyclohexane	ND	<10						51			
$826BS Dibromochloromethane	ND	<5						51			
$826BS Dibromofluoromethane(Surrogate QC Std.)	51	52	50	51				51			102
$826BS Dibromomethane	ND	<5						55			
$826BS Dichlorodifluoromethane	ND	<5						57			
$826BS Ethylbenzene	ND	<5						50			
$826BS Hexachlorobutadiene	ND	<5						44			
$826BS Iodomethane	ND	<5						57			
$826BS Isopropylbenzene	ND	<5						50			
$826BS Methyl acetate	ND	<10						**U*70**			
$826BS Methyl tert-butyl ether	ND	<5						53			
$826BS Methylcyclohexane	ND	<10						51			
$826BS Methylene chloride	ND	<5						51			
$826BS Naphthalene	ND	<5						54			

QA/QC BATC . REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg	Amount Spiked ug/Kg	MS Result ug/Kg	MS Dup Result ug/Kg	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg	LCS Dup Result ug/Kg	LCS Dup Precision RPD	LCS Recovery %
$826BS n-Butylbenzene	ND	<5						51			
$826BS N-Propylbenzene	ND	<5						50			
$826BS o-Xylene	ND	<5						49			
$826BS p,m-Xylene	ND	<10						97			
$826BS p-Isopropyltoluene	ND	<5						50			
$826BS sec-Butylbenzene	ND	<5						49			
$826BS Styrene	ND	<5						51			
$826BS tert-Butylbenzene	ND	<5						49			
$826BS Tetrachloroethene	ND	<5						54			
$826BS Toluene	ND	<5	50	44	44	0.0	88.0	50	52	3.9	100
$826BS Toluene-d8(Surrogate QC Std.)	49	49	50	49				51			102
$826BS trans-1,2-Dichloroethene	ND	<5						50			
$826BS trans-1,3-Dichloropropene	ND	<5						49			
$826BS trans-1,4-Dichloro-2-butene		<100									
$826BS Trichloroethene	ND	<5	50	45	45	0.0	90.0	51	55	7.5	102
$826BS Trichlorofluoromethane	ND	<5						50			
$826BS Vinyl acetate	ND	<50						52			
$826BS Vinyl chloride	ND	<2						59			

QA/QC BATC.. REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37395
Location Code: HWMB
Date Collected: 07/10/06 8:28:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $826BS-87357
Project: HW
Sample Description: CAMP GORDON/HW10384

Samples in Batch #: 87357

AF37395	AF37396	AF37397	AF37398
AF37399	AF37400	AF37401	AF37402
AF37403	AF37404		

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg	Amount Spiked ug/Kg	MS Result ug/Kg	MS Dup Result ug/Kg	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg	LCS Dup Result ug/Kg	LCS Dup Precision RPD	LCS Recovery %
$826BS 1,1,1,2-Tetrachloroethane	ND	<5						45			
$826BS 1,1,1-Trichloroethane	ND	<5						43			
$826BS 1,1,2,2-Tetrachloroethane	ND	<5						47			
$826BS 1,1,2-Trichloroethane	ND	<5						46			
$826BS 1,1,2-Trichlorotrifluoroethane	ND	<10						44			
$826BS 1,1-Dichloroethane	ND	<5						45			
$826BS 1,1-Dichloroethene	ND	<5	50	51	50	2.0	102	40	44	9.5	80.0
$826BS 1,1-Dichloropropene	ND	<5						44			
$826BS 1,2,3-Trichlorobenzene	ND	<5						46			
$826BS 1,2,3-Trichloropropane	ND	<5						47			
$826BS 1,2,4-Trichlorobenzene	ND	<5						46			
$826BS 1,2,4-Trimethylbenzene	ND	<5						47			
$826BS 1,2-Dibromo-3-chloropropane	ND	<5						51			
$826BS 1,2-Dibromoethane	ND	<5						47			
$826BS 1,2-Dichlorobenzene	ND	<5						47			
$826BS 1,2-Dichloroethane	ND	<5						45			
$826BS 1,2-Dichloroethane-d4(Surrogate QC Std.)	52	53	50	53				49			98.0
$826BS 1,2-Dichloropropane	ND	<5						46			
$826BS 1,3,5-Trimethylbenzene	ND	<5						46			
$826BS 1,3-Dichlorobenzene	ND	<5						46			
$826BS 1,3-Dichloropropane	ND	<5						47			
$826BS 1,4-Dichlorobenzene	ND	<5						47			
$826BS 2,2-Dichloropropane	ND	<5						44			
$826BS 2-Butanone	ND	<100						50			
$826BS 2-Chlorotoluene	ND	<5						46			
$826BS 2-Hexanone	ND	<50						49			
$826BS 4-Chlorotoluene	ND	<5						45			
$826BS 4-Methyl-2-pentanone	ND	<50						50			

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg	Amount Spiked ug/Kg	MS Result ug/Kg	MS Dup Result ug/Kg	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg	LCS Dup Result ug/Kg	LCS Dup Precision RPD	LCS Recovery %
$826BS Acetone	ND	<100						60			
$826BS Acrylonitrile		<200									
$826BS Benzene	ND	<5	50	49	50	2.0	98.0	45	45	0.0	90.0
$826BS Bromobenzene	ND	<5						45			
$826BS Bromochloromethane	ND	<5						49			
$826BS Bromodichloromethane	ND	<5						45			
$826BS Bromofluorobenzene(Surrogate QC Std.)	47	47	50	46				50			100
$826BS Bromoform	ND	<5						46			
$826BS Bromomethane	ND	<10						41			
$826BS Carbon disulfide	ND	<5						46			
$826BS Carbon tetrachloride	ND	<5						42			
$826BS Chlorobenzene	ND	<5	50	45	46	2.2	90.0	45	45	0.0	90.0
$826BS Chloroethane	ND	<10						42			
$826BS Chloroform	ND	<5						46			
$826BS Chloromethane	ND	<10						44			
$826BS cis-1,2-Dichloroethene	ND	<5						44			
$826BS cis-1,3-Dichloropropene	ND	<5						46			
$826BS Cyclohexane	ND	<10						45			
$826BS Dibromochloromethane	ND	<5						44			
$826BS Dibromofluoromethane(Surrogate QC Std.)	50	52	50	51				47			94.0
$826BS Dibromomethane	ND	<5						50			
$826BS Dichlorodifluoromethane	ND	<5						47			
$826BS Ethylbenzene	ND	<5						47			
$826BS Hexachlorobutadiene	ND	<5						45			
$826BS Iodomethane	ND	<5						47			
$826BS Isopropylbenzene	ND	<5						47			
$826BS Methyl acetate	ND	<10						47			
$826BS Methyl tert-butyl ether	ND	<5						48			
$826BS Methylcyclohexane	ND	<10						47			
$826BS Methylene chloride	ND	<5						46			
$826BS Naphthalene	ND	<5						50			
$826BS n-Butylbenzene	ND	<5						49			

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg	Amount Spiked ug/Kg	MS Result ug/Kg	MS Dup Result ug/Kg	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg	LCS Dup Result ug/Kg	LCS Dup Precision RPD	LCS Recovery %
$826BS N-Propylbenzene	ND	<5						47			
$826BS o-Xylene	ND	<5						45			
$826BS p,m-Xylene	ND	<10						91			
$826BS p-Isopropyltoluene	ND	<5						48			
$826BS sec-Butylbenzene	ND	<5						48			
$826BS Styrene	ND	<5						46			
$826BS tert-Butylbenzene	ND	<5						46			
$826BS Tetrachloroethene	ND	<5						48			
$826BS Toluene	ND	<5	50	43	43	0.0	86.0	45	44	2.2	90.0
$826BS Toluene-d8(Surrogate QC Std.)	48	49	50	48				51			102
$826BS trans-1,2-Dichloroethene	ND	<5						44			
$826BS trans-1,3-Dichloropropene	ND	<5						46			
$826BS trans-1,4-Dichloro-2-butene		<100									
$826BS Trichloroethene	ND	<5	50	47	47	0.0	94.0	46	46	0.0	92.0
$826BS Trichlorofluoromethane	ND	<5						45			
$826BS Vinyl acetate	ND	<50						50			
$826BS Vinyl chloride	ND	<2						47			

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37614
Location Code: HWMB
Date Collected: 07/11/06 10:20:00 AM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: $827CS-87330
Project: HW
Sample Description: CAMP GORDON/ HW 10425

Samples in Batch #: 87330

AF37612	AF37613	AF37614	AF37615
AF38083	AF38084	AF38085	AF38086

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS 1,1'-Biphenyl	ND	<660									
$827CS 1,2,4,5-Tetrachlorobenzene	ND	<660									
$827CS 1,2,4-Trichlorobenzene	ND	<660	100	48	52	8.0	48	51	48	6.1	51
$827CS 1,2-Dichlorobenzene	ND	<660									
$827CS 1,2-Diphenylhydrazine	ND	<660									
$827CS 1,3-Dichlorobenzene	ND	<660									
$827CS 1,4-Dichlorobenzene	ND	<660	100	39	41	5.0	39	39	41	5.0	39
$827CS 1,4-Dioxane	ND	<660									
$827CS 1-Chloronaphthalene	ND	<660									
$827CS 1-Naphthylamine	ND	<660									
$827CS 2,3,4,6-Tetrachlorophenol	ND	<660									
$827CS 2,4,5-Trichlorophenol	ND	<660									
$827CS 2,4,6-Tribromophenol(Surrogate QC Std.)	72	63	100	62	75	19	62	60	58	3.4	60
$827CS 2,4,6-Trichlorophenol	ND	<660									
$827CS 2,4-Dichlorophenol	ND	<660									
$827CS 2,4-Dimethylphenol	ND	<660									
$827CS 2,4-Dinitrophenol	ND	<3300									
$827CS 2,4-Dinitrotoluene	ND	<660	100	67	75	11	67	64	63	1.6	64
$827CS 2,6-Dichlorophenol	ND	<660									
$827CS 2,6-Dinitrotoluene	ND	<660									
$827CS 2-Chloronaphthalene	ND	<660									
$827CS 2-Chlorophenol	ND	<660	100	55	57	3.6	55	51	48	6.1	51
$827CS 2-Fluorobiphenyl(Surrogate QC Std.)	72	68	100	57	61	6.8	57	57	55	3.6	57
$827CS 2-Fluorophenol(Surrogate QC Std.)	72	66	100	53	57	7.3	53	51	49	4.0	51
$827CS 2-Methylnaphthalene	ND	<660									
$827CS 2-Methylphenol	ND	<660									
$827CS 2-Naphthylamine	ND	<660									
$827CS 2-Nitroaniline	ND	<3300									

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS 2-Nitrophenol	ND	<660									
$827CS 2-Picoline	ND	<660									
$827CS 3,3'-Dichlorobenzidine	ND	<1300									
$827CS 3-Methylcholanthrene	ND	<660									
$827CS 3-Nitroaniline	ND	<3300									
$827CS 4,6-Dinitro-2-Methylphenol	ND	<3300									
$827CS 4-Aminobiphenyl	ND	<660									
$827CS 4-Bromophenyl-phenylether	ND	<660									
$827CS 4-Chloro-3-Methylphenol	ND	<1300	100	65	72	10	65	56	54	3.6	56
$827CS 4-Chloroaniline	ND	<1300									
$827CS 4-Chlorophenyl-Phenylether	ND	<660									
$827CS 4-Methylphenol	ND	<660									
$827CS 4-Nitroaniline	ND	<1300									
$827CS 4-Nitrophenol	ND	<3300	100	64	82	25	64	63	69	9.1	63
$827CS 7,12-Dimethylbenz(a)anthracen	ND	<660									
$827CS aa-Dimethyl-Phenethylamine	ND	<660									
$827CS Acenaphthene	ND	<660	100	59	63	6.6	59	57	55	3.6	57
$827CS Acenaphthylene	ND	<660									
$827CS Acetophenone	ND	<660									
$827CS Aldrin	ND	<660									
$827CS Alpha-BHC	ND	<660									
$827CS Aniline	ND	<660									
$827CS Anthracene	ND	<660									
$827CS Atrazine	ND	<660									
$827CS Benzaldehyde	ND	<660									
$827CS Benzidine	ND	<660									
$827CS Benzo[a]anthracene	ND	<660									
$827CS Benzo[a]pyrene	ND	<660									
$827CS Benzo[b]fluoranthene	ND	<660									
$827CS Benzo[g,h,i]perylene	ND	<660									
$827CS Benzo[k]fluoranthene	ND	<660									
$827CS Benzoic Acid	ND	<3300									

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS Benzyl Alcohol	ND	<1300									
$827CS Beta-BHC	ND	<660									
$827CS Bis(2-Chloroethoxy)methane	ND	<660									
$827CS bis(2-Chloroethyl)ether	ND	<660									
$827CS Bis(2-Chloroisopropyl)ether	ND	<660									
$827CS Bis(2-Ethylhexyl)phthalate	ND	<660									
$827CS Butylbenzylphthalate	ND	<660									
$827CS Caprolactam	ND	<660									
$827CS Carbazole	ND	<660									
$827CS Chyrsene	ND	<660									
$827CS Delta-BHC	ND	<660									
$827CS Dibenz(a,j)acridine	ND	<660									
$827CS Dibenz[a,h]anthracene	ND	<660									
$827CS Dibenzofuran	ND	<660									
$827CS Dieldrin	ND	<660									
$827CS Diethylphthalate	ND	<660									
$827CS Dimethylphthalate	ND	<660									
$827CS Di-n-Butylphthalate	ND	<660									
$827CS Di-n-octylphthalate	ND	<660									
$827CS Diphenylamine	ND	<660									
$827CS Endosulfan 1	ND	<3300									
$827CS Endosulfan 2	ND	<3300									
$827CS Endosulfan Sulfate	ND	<1800									
$827CS Endrin	ND	<1300									
$827CS Endrin Aldehyde	ND	<660									
$827CS Ethylmethanesulfonate	ND	<1300									
$827CS Fluoranthene	ND	<660									
$827CS Fluorene	ND	<660									
$827CS Gamma-BHC	ND	<660									
$827CS Heptachlor	ND	<660									
$827CS Heptachlor-Epoxide	ND	<1800									
$827CS Hexachlorobenzene	ND	<660									

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS Hexachlorobutadiene	ND	<660									
$827CS Hexachlorocyclopentadiene	ND	<660									
$827CS Hexachloroethane	ND	<660									
$827CS Indeno[1,2,3-cd]pyrene	ND	<660									
$827CS Isophorone	ND	<660									
$827CS Methylmethanesulfonate	ND	<660									
$827CS Naphthalene	ND	<660									
$827CS Nitrobenzene	ND	<660									
$827CS Nitrobenzene-d5(Surrogate QC Std.)	70	64	100	52	55	5.6	52	51	51		51
$827CS n-Nitrosodimethylamine	ND	<660									
$827CS N-Nitroso-di-n-butylamine	ND	<660									
$827CS N-Nitroso-di-n-propylamine	ND	<660	100	57	59	3.4	57	53	50	5.8	53
$827CS N-Nitrosodiphenylamine	ND	<660									
$827CS N-Nitrosopiperidine	ND	<1300									
$827CS p,p'-DDD	ND	<660									
$827CS p,p'-DDE	ND	<660									
$827CS p,p'-DDT	ND	<660									
$827CS p-Dimethylaminoazobenzene	ND	<660									
$827CS Pentachlorobenzene	ND	<660									
$827CS Pentachloronitrobenzene	ND	<1300									
$827CS Pentachlorophenol	ND	<3300	100	57	71	22	57	52	51	1.9	52
$827CS Phenacetin	ND	<660									
$827CS Phenanthrene	ND	<660									
$827CS Phenol	ND	<660	100	56	59	5.2	56	52	48	8.0	52
$827CS Phenol-d5(Surrogate QC Std.)	73	66	100	56	59	5.2	56	53	49	7.8	53
$827CS Pronamide	ND	<660									
$827CS Pyrene	ND	<660	100	68	74	8.4	68	65	60	8.0	65
$827CS Pyridine	ND	<660									
$827CS Terphenyl-d14(Surrogate QC Std.)	79	78	100	73	78	6.6	73	74	66	11	74

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37614
Location Code: HWMB
Date Collected: 07/11/06 10:20:00 AM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: $827CS-87330
Project: HW
Sample Description: CAMP GORDON/ HW 10425

Samples in Batch #: 87330

AF37612	AF37613	AF37614	AF37615
AF38083	AF38084	AF38085	AF38086

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS 1,1'-Biphenyl	50	51	100								
$827CS 1,2,4,5-Tetrachlorobenzene	50	51	100								
$827CS 1,2,4-Trichlorobenzene	50	52	100								
$827CS 1,2-Dichlorobenzene	50	53	110								
$827CS 1,2-Diphenylhydrazine	50	49	98								
$827CS 1,3-Dichlorobenzene	50	53	110								
$827CS 1,4-Dichlorobenzene	50	52	100								
$827CS 1,4-Dioxane	50	48	96								
$827CS 1-Chloronaphthalene	50	51	100								
$827CS 1-Naphthylamine	50	53	110								
$827CS 2,3,4,6-Tetrachlorophenol	50	54	110								
$827CS 2,4,5-Trichlorophenol	50	51	100								
$827CS 2,4,6-Tribromophenol(Surrogate QC Std.)	50	49	98								
$827CS 2,4,6-Trichlorophenol	50	54	110								
$827CS 2,4-Dichlorophenol	50	52	100								
$827CS 2,4-Dimethylphenol	50	51	100								
$827CS 2,4-Dinitrophenol	50	48	96								
$827CS 2,4-Dinitrotoluene	50	55	110								
$827CS 2,6-Dichlorophenol	50	52	100								
$827CS 2,6-Dinitrotoluene	50	55	110								
$827CS 2-Chloronaphthalene	50	51	100								
$827CS 2-Chlorophenol	50	53	110								
$827CS 2-Fluorobiphenyl(Surrogate QC Std.)	50	52	100								
$827CS 2-Fluorophenol(Surrogate QC Std.)	50	54	110								
$827CS 2-Methylnaphthalene	50	52	100								
$827CS 2-Methylphenol	50	49	98								
$827CS 2-Naphthylamine	50	52	100								
$827CS 2-Nitroaniline	50	51	100								

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS 2-Nitrophenol	50	56	110								
$827CS 2-Picoline	50	54	110								
$827CS 3,3'-Dichlorobenzidine	50	60	120								
$827CS 3-Methylcholanthrene	50	54	110								
$827CS 3-Nitroaniline	50	53	110								
$827CS 4,6-Dinitro-2-Methylphenol	50	53	110								
$827CS 4-Aminobiphenyl	50	52	100								
$827CS 4-Bromophenyl-phenylether	50	54	110								
$827CS 4-Chloro-3-Methylphenol	50	53	110								
$827CS 4-Chloroaniline	50	52	100								
$827CS 4-Chlorophenyl-Phenylether	50	52	100								
$827CS 4-Methylphenol	50	52	100								
$827CS 4-Nitroaniline	50	51	100								
$827CS 4-Nitrophenol	50	49	98								
$827CS 7,12-Dimethylbenz(a)anthracen	50	48	96								
$827CS aa-Dimethyl-Phenethylamine	50	51	100								
$827CS Acenaphthene	50	52	100								
$827CS Acenaphthylene	50	52	100								
$827CS Acetophenone	50	51	100								
$827CS Aldrin	50	50	100								
$827CS Alpha-BHC	50	51	100								
$827CS Aniline	50	51	100								
$827CS Anthracene	50	52	100								
$827CS Atrazine	50	52	100								
$827CS Benzaldehyde	50	50	100								
$827CS Benzidine	50	56	110								
$827CS Benzo[a]anthracene	50	52	100								
$827CS Benzo[a]pyrene	50	53	110								
$827CS Benzo[b]fluoranthene	50	50	100								
$827CS Benzo[g,h,i]perylene	50	52	100								
$827CS Benzo[k]fluoranthene	50	48	96								
$827CS Benzoic Acid	50	57	110								

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS Benzyl Alcohol	50	51	100								
$827CS Beta-BHC	50	53	110								
$827CS Bis(2-Chloroethoxy)methane	50	51	100								
$827CS bis(2-Chloroethyl)ether	50	52	100								
$827CS Bis(2-Chloroisopropyl)ether	50	51	100								
$827CS Bis(2-Ethylhexyl)phthalate	50	54	110								
$827CS Butylbenzylphthalate	50	54	110								
$827CS Caprolactam	50	49	98								
$827CS Carbazole	50	49	98								
$827CS Chyrsene	50	53	110								
$827CS Delta-BHC	50	51	100								
$827CS Dibenz(a,j)acridine	50	55	110								
$827CS Dibenz[a,h]anthracene	50	50	100								
$827CS Dibenzofuran	50	52	100								
$827CS Dieldrin	50	50	100								
$827CS Diethylphthalate	50	50	100								
$827CS Dimethylphthalate	50	52	100								
$827CS Di-n-Butylphthalate	50	53	110								
$827CS Di-n-octylphthalate	50	54	110								
$827CS Diphenylamine	50	53	110								
$827CS Endosulfan 1	50	51	100								
$827CS Endosulfan 2	50	51	100								
$827CS Endosulfan Sulfate	50	46	92								
$827CS Endrin	50	52	100								
$827CS Endrin Aldehyde	50	48	96								
$827CS Ethylmethanesulfonate	50	51	100								
$827CS Fluoranthene	50	52	100								
$827CS Fluorene	50	52	100								
$827CS Gamma-BHC	50	51	100								
$827CS Heptachlor	50	55	110								
$827CS Heptachlor Epoxide	50	51	100								
$827CS Hexachlorobenzene	50	53	110								

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS Hexachlorobutadiene	50	51	100								
$827CS Hexachlorocyclopentadiene	50	55	110								
$827CS Hexachloroethane	50	52	100								
$827CS Indeno[1,2,3-cd]pyrene	50	54	110								
$827CS Isophorone	50	51	100								
$827CS Methylmethanesulfonate	50	49	98								
$827CS Naphthalene	50	52	100								
$827CS Nitrobenzene	50	52	100								
$827CS Nitrobenzene-d5(Surrogate QC Std.)	50	52	100								
$827CS n-Nitrosodimethylamine	50	52	100								
$827CS N-Nitroso-di-n-butylamine	50	52	100								
$827CS N-Nitroso-di-n-propylamine	50	53	110								
$827CS N-Nitrosodiphenylamine	50	53	110								
$827CS N-Nitrosopiperidine	50	52	100								
$827CS p,p'-DDD	50	47	94								
$827CS p,p'-DDE	50	51	100								
$827CS p,p'-DDT	50	50	100								
$827CS p-Dimethylaminoazobenzene	50	54	110								
$827CS Pentachlorobenzene	50	52	100								
$827CS Pentachloronitrobenzene	50	52	100								
$827CS Pentachlorophenol	50	52	100								
$827CS Phenacetin	50	53	110								
$827CS Phenanthrene	50	51	100								
$827CS Phenol	50	51	100								
$827CS Phenol-d5(Surrogate QC Std.)	50	52	100								
$827CS Pronamide	50	54	110								
$827CS Pyrene	50	55	110								
$827CS Pyridine	50	47	94								
$827CS Terphenyl-d14(Surrogate QC Std.)	50	54	110								

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37396
Location Code: HWMB
Date Collected: 07/10/06 9:25:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $827CS-87270
Project: HW
Sample Description: CAMP GORDON/HW10386

Samples in Batch #: 87270

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS 1,1'-Biphenyl	ND	<660									
$827CS 1,2,4,5-Tetrachlorobenzene	ND	<660									
$827CS 1,2,4-Trichlorobenzene	ND	<660	100	65	72	10	65	57	57		57
$827CS 1,2-Dichlorobenzene	ND	<660									
$827CS 1,2-Diphenylhydrazine	ND	<660									
$827CS 1,3-Dichlorobenzene	ND	<660									
$827CS 1,4-Dichlorobenzene	ND	<660	100	58	60	3.4	58	51	48	6.1	51
$827CS 1,4-Dioxane	ND	<660									
$827CS 1-Chloronaphthalene	ND	<660									
$827CS 1-Naphthylamine	ND	<660									
$827CS 2,3,4,6-Tetrachlorophenol	ND	<660									
$827CS 2,4,5-Trichlorophenol	ND	<660									
$827CS 2,4,6-Tribromophenol(Surrogate QC Std.)	81	76	100	69	69		69	63	63		63
$827CS 2,4,6-Trichlorophenol	ND	<660									
$827CS 2,4-Dichlorophenol	ND	<660									
$827CS 2,4-Dimethylphenol	ND	<660									
$827CS 2,4-Dinitrophenol	ND	<3300									
$827CS 2,4-Dinitrotoluene	ND	<660	100	71	77	8.1	71	68	70	2.9	68
$827CS 2,6-Dichlorophenol	ND	<660									
$827CS 2,6-Dinitrotoluene	ND	<660									
$827CS 2-Chloronaphthalene	ND	<660									
$827CS 2-Chlorophenol	ND	<660	100	69	73	5.6	69	61	59	3.3	61
$827CS 2-Fluorobiphenyl(Surrogate QC Std.)	79	75	100	70	75	6.9	70	61	60	1.7	61
$827CS 2-Fluorophenol(Surrogate QC Std.)	74	70	100	69	74	7.0	69	58	56	3.5	58
$827CS 2-Methylnaphthalene	ND	<660									
$827CS 2-Methylphenol	ND	<660									
$827CS 2-Naphthylamine	ND	<660									

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS 2-Nitroaniline	ND	<3300									
$827CS 2-Nitrophenol	ND	<660									
$827CS 2-Picoline	ND	<660									
$827CS 3,3'-Dichlorobenzidine	ND	<1300									
$827CS 3-Methylcholanthrene	ND	<660									
$827CS 3-Nitroaniline	ND	<3300									
$827CS 4,6-Dinitro-2-Methylphenol	ND	<3300									
$827CS 4-Aminobiphenyl	ND	<660									
$827CS 4-Bromophenyl-phenylether	ND	<660									
$827CS 4-Chloro-3-Methylphenol	ND	<1300	100	71	77	8.1	71	65	64	1.6	65
$827CS 4-Chloroaniline	ND	<1300									
$827CS 4-Chlorophenyl-Phenylether	ND	<660									
$827CS 4-Methylphenol	ND	<660									
$827CS 4-Nitroaniline	ND	<1300									
$827CS 4-Nitrophenol	ND	<3300	100	72	83	14	72	65	68	4.5	65
$827CS 7,12-Dimethylbenz(a)anthracen	ND	<660									
$827CS aa-Dimethyl-Phenethylamine	ND	<660									
$827CS Acenaphthene	ND	<660	100	68	73	7.1	68	63	62	1.6	63
$827CS Acenaphthylene	ND	<660									
$827CS Acetophenone	ND	<660									
$827CS Aldrin	ND	<660									
$827CS Alpha-BHC	ND	<660									
$827CS Aniline	ND	<660									
$827CS Anthracene	ND	<660									
$827CS Atrazine	ND	<660									
$827CS Benzaldehyde	ND	<660									
$827CS Benzidine	ND	<660									
$827CS Benzo[a]anthracene	ND	<660									
$827CS Benzo[a]pyrene	ND	<660									
$827CS Benzo[b]fluoranthene	ND	<660									
$827CS Benzo[g,h,i]perylene	ND	<660									
$827CS Benzo[k]fluoranthene	ND	<660									

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS Benzoic Acid	ND	<3300									
$827CS Benzyl Alcohol	ND	<1300									
$827CS Beta-BHC	ND	<660									
$827CS Bis(2-Chloroethoxy)methane	ND	<660									
$827CS bis(2-Chloroethyl)ether	ND	<660									
$827CS Bis(2-Chloroisopropyl)ether	ND	<660									
$827CS Bis(2-Ethylhexyl)phthalate	ND	<660									
$827CS Butylbenzylphthalate	ND	<660									
$827CS Caprolactam	ND	<660									
$827CS Carbazole	ND	<660									
$827CS Chyrsene	ND	<660									
$827CS Delta-BHC	ND	<660									
$827CS Dibenz(a,j)acridine	ND	<660									
$827CS Dibenz[a,h]anthracene	ND	<660									
$827CS Dibenzofuran	ND	<660									
$827CS Dieldrin	ND	<660									
$827CS Diethylphthalate	ND	<660									
$827CS Dimethylphthalate	ND	<660									
$827CS Di-n-Butylphthalate	ND	<660									
$827CS Di-n-octylphthalate	ND	<660									
$827CS Diphenylamine	ND	<660									
$827CS Endosulfan 1	ND	<3300									
$827CS Endosulfan 2	ND	<3300									
$827CS Endosulfan Sulfate	ND	<1800									
$827CS Endrin	ND	<1300									
$827CS Endrin Aldehyde	ND	<660									
$827CS Ethylmethanesulfonate	ND	<1300									
$827CS Fluoranthene	ND	<660									
$827CS Fluorene	ND	<660									
$827CS Gamma-BHC	ND	<660									
$827CS Heptachlor	ND	<660									
$827CS Heptachlor Epoxide	ND	<1800									

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg(dw)	Amount Spiked ug/Kg(dw)	MS Result ug/Kg(dw)	MS Dup Result ug/Kg(dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg(dw)	LCS Dup Result ug/Kg(dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS Hexachlorobenzene	ND	<660									
$827CS Hexachlorobutadiene	ND	<660									
$827CS Hexachlorocyclopentadiene	ND	<660									
$827CS Hexachloroethane	ND	<660									
$827CS Indeno[1,2,3-cd]pyrene	ND	<660									
$827CS Isophorone	ND	<660									
$827CS Methylmethanesulfonate	ND	<660									
$827CS Naphthalene	ND	<660									
$827CS Nitrobenzene	ND	<660									
$827CS Nitrobenzene-d5(Surrogate QC Std.)	77	71	100	69	75	8.3	69	58	58		58
$827CS n-Nitrosodimethylamine	ND	<660									
$827CS N-Nitroso-di-n-butylamine	ND	<660									
$827CS N-Nitroso-di-n-propylamine	ND	<660	100	71	75	5.5	71	61	60	1.7	61
$827CS N-Nitrosodiphenylamine	ND	<660									
$827CS N-Nitrosopiperidine	ND	<1300									
$827CS p,p'-DDD	ND	<660									
$827CS p,p'-DDE	ND	<660									
$827CS p,p'-DDT	ND	<660									
$827CS p-Dimethylaminoazobenzene	ND	<660									
$827CS Pentachlorobenzene	ND	<660									
$827CS Pentachloronitrobenzene	ND	<1300									
$827CS Pentachlorophenol	ND	<3300	100	54	58	7.1	54	49	51	4.0	49
$827CS Phenacetin	ND	<660									
$827CS Phenanthrene	ND	<660									
$827CS Phenol	ND	<660	100	70	73	4.2	70	59	60	1.7	59
$827CS Phenol-d5(Surrogate QC Std.)	74	72	100	69	74	7.0	69	59	58	1.7	59
$827CS Pronamide	ND	<660									
$827CS Pyrene	ND	<660	100	68	72	5.7	68	71	69	2.9	71
$827CS Pyridine	ND	<660									
$827CS Terphenyl-d14(Surrogate QC Std.)	97	77	100	74	77	4.0	74	73	72	1.4	73

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37396
Location Code: HWMB
Date Collected: 07/10/06 9:25:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $827CS-87270
Project: HW
Sample Description: CAMP GORDON/HW10386

Samples in Batch #: 87270

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS 1,1'-Biphenyl	50	51	100								
$827CS 1,2,4,5-Tetrachlorobenzene	50	51	100								
$827CS 1,2,4-Trichlorobenzene	50	52	100								
$827CS 1,2-Dichlorobenzene	50	51	100								
$827CS 1,2-Diphenylhydrazine	50	49	98								
$827CS 1,3-Dichlorobenzene	50	50	100								
$827CS 1,4-Dichlorobenzene	50	47	94								
$827CS 1,4-Dioxane	50	47	94								
$827CS 1-Chloronaphthalene	50	49	98								
$827CS 1-Naphthylamine	50	52	100								
$827CS 2,3,4,6-Tetrachlorophenol	50	54	110								
$827CS 2,4,5-Trichlorophenol	50	50	100								
$827CS 2,4,6-Tribromophenol(Surrogate QC Std.)	50	50	100								
$827CS 2,4,6-Trichlorophenol	50	51	100								
$827CS 2,4-Dichlorophenol	50	53	110								
$827CS 2,4-Dimethylphenol	50	51	100								
$827CS 2,4-Dinitrophenol	50	42	84								
$827CS 2,4-Dinitrotoluene	50	55	110								
$827CS 2,6-Dichlorophenol	50	53	110								
$827CS 2,6-Dinitrotoluene	50	55	110								
$827CS 2-Chloronaphthalene	50	50	100								
$827CS 2-Chlorophenol	50	52	100								
$827CS 2-Fluorobiphenyl(Surrogate QC Std.)	50	51	100								
$827CS 2-Fluorophenol(Surrogate QC Std.)	50	51	100								
$827CS 2-Methylnaphthalene	50	51	100								
$827CS 2-Methylphenol	50	52	100								
$827CS 2-Naphthylamine	50	51	100								

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS 2-Nitroaniline	50	51	100								
$827CS 2-Nitrophenol	50	54	110								
$827CS 2-Picoline	50	51	100								
$827CS 3,3'-Dichlorobenzidine	50	58	120								
$827CS 3-Methylcholanthrene	50	52	100								
$827CS 3-Nitroaniline	50	53	110								
$827CS 4,6-Dinitro-2-Methylphenol	50	50	100								
$827CS 4-Aminobiphenyl	50	51	100								
$827CS 4-Bromophenyl-phenylether	50	53	110								
$827CS 4-Chloro-3-Methylphenol	50	52	100								
$827CS 4-Chloroaniline	50	52	100								
$827CS 4-Chlorophenyl-Phenylether	50	52	100								
$827CS 4-Methylphenol	50	51	100								
$827CS 4-Nitroaniline	50	52	100								
$827CS 4-Nitrophenol	50	52	100								
$827CS 7,12-Dimethylbenz(a)anthracen	50	48	96								
$827CS aa-Dimethyl-Phenethylamine	50	52	100								
$827CS Acenaphthene	50	50	100								
$827CS Acenaphthylene	50	52	100								
$827CS Acetophenone	50	51	100								
$827CS Aldrin	50	51	100								
$827CS Alpha-BHC	50	51	100								
$827CS Aniline	50	51	100								
$827CS Anthracene	50	51	100								
$827CS Atrazine	50	53	110								
$827CS Benzaldehyde	50	51	100								
$827CS Benzidine	50	55	110								
$827CS Benzo[a]anthracene	50	50	100								
$827CS Benzo[a]pyrene	50	52	100								
$827CS Benzo[b]fluoranthene	50	47	94								
$827CS Benzo[g,h,i]perylene	50	51	100								
$827CS Benzo[k]fluoranthene	50	47	94								

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS Benzoic Acid	50	56	110								
$827CS Benzyl Alcohol	50	52	100								
$827CS Beta-BHC	50	51	100								
$827CS Bis(2-Chloroethoxy)methane	50	51	100								
$827CS bis(2-Chloroethyl)ether	50	50	100								
$827CS Bis(2-Chloroisopropyl)ether	50	50	100								
$827CS Bis(2-Ethylhexyl)phthalate	50	52	100								
$827CS Butylbenzylphthalate	50	51	100								
$827CS Caprolactam	50	51	100								
$827CS Carbazole	50	49	98								
$827CS Chyrsene	50	51	100								
$827CS Delta-BHC	50	48	96								
$827CS Dibenz(a,j)acridine	50	53	110								
$827CS Dibenz[a,h]anthracene	50	52	100								
$827CS Dibenzofuran	50	51	100								
$827CS Dieldrin	50	50	100								
$827CS Diethylphthalate	50	50	100								
$827CS Dimethylphthalate	50	53	110								
$827CS Di-n-Butylphthalate	50	53	110								
$827CS Di-n-octylphthalate	50	51	100								
$827CS Diphenylamine	50	52	100								
$827CS Endosulfan 1	50	52	100								
$827CS Endosulfan 2	50	55	110								
$827CS Endosulfan Sulfate	50	46	92								
$827CS Endrin	50	51	100								
$827CS Endrin Aldehyde	50	48	96								
$827CS Ethylmethanesulfonate	50	50	100								
$827CS Fluoranthene	50	51	100								
$827CS Fluorene	50	51	100								
$827CS Gamma-BHC	50	49	98								
$827CS Heptachlor	50	54	110								
$827CS Heptachlor Epoxide	50	53	110								

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg(dw)	ug/Kg(dw)	%								
$827CS Hexachlorobenzene	50	51	100								
$827CS Hexachlorobutadiene	50	53	110								
$827CS Hexachlorocyclopentadiene	50	53	110								
$827CS Hexachloroethane	50	51	100								
$827CS Indeno[1,2,3-cd]pyrene	50	52	100								
$827CS Isophorone	50	52	100								
$827CS Methylmethanesulfonate	50	51	100								
$827CS Naphthalene	50	52	100								
$827CS Nitrobenzene	50	51	100								
$827CS Nitrobenzene-d5(Surrogate QC Std.)	50	52	100								
$827CS n-Nitrosodimethylamine	50	50	100								
$827CS N-Nitroso-di-n-butylamine	50	53	110								
$827CS N-Nitroso-di-n-propylamine	50	54	110								
$827CS N-Nitrosodiphenylamine	50	51	100								
$827CS N-Nitrosopiperidine	50	51	100								
$827CS p,p'-DDD	50	46	92								
$827CS p,p'-DDE	50	50	100								
$827CS p,p'-DDT	50	50	100								
$827CS p-Dimethylaminoazobenzene	50	54	110								
$827CS Pentachlorobenzene	50	51	100								
$827CS Pentachloronitrobenzene	50	52	100								
$827CS Pentachlorophenol	50	51	100								
$827CS Phenacetin	50	52	100								
$827CS Phenanthrene	50	51	100								
$827CS Phenol	50	52	100								
$827CS Phenol-d5(Surrogate QC Std.)	50	52	100								
$827CS Pronamide	50	53	110								
$827CS Pyrene	50	53	110								
$827CS Pyridine	50	45	90								
$827CS Terphenyl-d14(Surrogate QC Std.)	50	52	100								

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37607
Location Code: HWMB
Date Collected: 07/11/06 12:35:00 PM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: CNTALS-87020
Project: HW
Sample Description: CAMP GORDON/ HW10405

Samples in Batch #: 87020

AF37607	AF37608	AF37609	AF37610
AF37611	AF37612	AF37613	AF37614
AF37615	AF38083	AF38084	AF38085
AF38086			

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
CNTALS	ND	<9000	20000	19300	19300	0.000	96.5	20400	19800	2.98	102

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37607
Location Code: HWMB
Date Collected: 07/11/06 12:35:00 PM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: CNTALS-87020
Project: HW
Sample Description: CAMP GORDON/ HW10405

Samples in Batch #: 87020

AF37607	AF37608	AF37609	AF37610
AF37611	AF37612	AF37613	AF37614
AF37615	AF38083	AF38084	AF38085
AF38086			

Analysis/Analyte	IA	IS	IR %	CA	C1	R1	R2	R3	R4	R5	CP
CNTALS	18000	18900	105								

QA/QC BATC.. REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37400
Location Code: HWMB
Date Collected: 07/10/06 9:29:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: CNTALS-87019
Project: HW
Sample Description: CAMP GORDON/HW10394

Samples in Batch #: 87019

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
CNTALS	ND	<9000	20000	20500	20500	0.000	102	21700	20700	4.72	108

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37400
Location Code: HWMB
Date Collected: 07/10/06 9:29:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: CNTALS-87019
Project: HW
Sample Description: CAMP GORDON/HW10394

Samples in Batch #: 87019

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
			%								
CNTALS	18000	19600	109								

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37613
Location Code: HWMB
Date Collected: 07/11/06 10:10:00 AM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: $TAL_S-87150
Project: HW
Sample Description: CAMP GORDON/ HW 10424

Samples in Batch #: 87150

AF37613	AF37614	AF37615	AF38083
AF38084	AF38085	AF38086	

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$TAL_S Aluminum	5400000	<20000	100000	8160000	8190000	0.367	**U*2760**	97200	98200	1.02	97.2
$TAL_S Antimony	ND	<6000	50000	17300	17200	0.580	**L*34.6**	48200	48300	0.207	96.4
$TAL_S Arsenic	ND	<8000	50000	52400	52600	0.381	105	48400	48500	0.206	96.8
$TAL_S Barium	27000	<20000	50000	77900	78100	0.256	102	48200	48300	0.207	96.4
$TAL_S Beryllium	ND	<500	50000	49200	49400	0.406	98.4	46400	46600	0.430	92.8
$TAL_S Cadmium	ND	<500	50000	50800	51100	0.589	102	48300	48500	0.413	96.6
$TAL_S Calcium	ND	<500000	2500000	2950000	2960000	0.338	118	2310000	2320000	0.432	92.4
$TAL_S Chromium	7100	<1000	50000	60100	60300	0.332	106	49900	49800	0.201	99.8
$TAL_S Cobalt	ND	<5000	50000	52300	52600	0.572	105	48800	49100	0.613	97.6
$TAL_S Copper	5300	<2500	50000	57000	57100	0.175	103	48300	48300	0.00	96.6
$TAL_S Iron	7400000	<10000	100000	7640000	7660000	0.261	**U*240**	98000	98400	0.407	98.0
$TAL_S Lead	31000	<9000	50000	73400	73700	0.408	84.8	46900	48000	2.32	93.8
$TAL_S Magnesium	ND	<500000	2500000	2750000	2760000	0.363	110	2430000	2440000	0.411	97.2
$TAL_S Manganese	72000	<1500	50000	126000	127000	0.791	108	48500	48700	0.412	97.0
$TAL_S Nickel	ND	<4000	50000	52200	52500	0.573	104	48000	48500	1.04	96.0
$TAL_S Potassium	ND	<500000	2500000	2720000	2730000	0.367	109	2370000	2380000	0.421	94.8
$TAL_S Selenium	ND	<19000	50000	49000	48900	0.204	98.0	48100	51400	6.63	96.2
$TAL_S Silver	ND	<1000	10000	10100	10200	0.985	101	9600	9450	1.57	96.0
$TAL_S Sodium	ND	<500000	2500000	2610000	2620000	0.382	104	2450000	2470000	0.813	98.0
$TAL_S Thallium	ND	<20000	50000	51600	51500	0.194	103	48800	49700	1.83	97.6
$TAL_S Vanadium	17000	<5000	50000	69800	70000	0.286	106	49000	49300	0.610	98.0
$TAL_S Zinc	13000	<2000	50000	64600	64900	0.463	103	48600	48800	0.411	97.2

Comments: $R_TAL_S-6010B: ICP Metals - Matrix Spike had two analytes, Aluminum (2760% recovery, limits 75-125%), and Iron (240% recovery, limits 75-125%), with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. Matrix spike had one analyte, Antimony (34.6% recovery, limits 75-125%), with a percent recovery outside acceptable control limits due to matrix interference. LCS results acceptable for all analytes. 2-072406-340

CALIBRATION .ALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37613
Location Code: HWMB
Date Collected: 07/11/06 10:10:00 AM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: $TAL_S-87150
Project: HW
Sample Description: CAMP GORDON/ HW 10424

Samples in Batch #: 87150

AF37613	AF37614	AF37615	AF38083
AF38084	AF38085	AF38086	

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg	ug/Kg	%	ug/Kg	ug/Kg	%	%	%	%		RPD
$TAL_S Aluminum	5000	5100	102	5000	5060	101	102	95.8	97.6		0.787
$TAL_S Antimony	5000	5020	100	5000	4990	99.8	101	94.8	96.8		1.39
$TAL_S Arsenic	5000	5100	102	5000	5080	102	105	98.8	103		3.48
$TAL_S Barium	5000	5050	101	5000	4970	99.4	100	93.4	96.4		0.802
$TAL_S Beryllium	5000	4990	99.8	5000	4940	98.8	101	94.6	98.0		2.40
$TAL_S Cadmium	5000	5040	101	5000	5030	101	105	98.2	102		4.28
$TAL_S Calcium	5000	4980	99.6	5000	4980	99.6	103	96.6	99.6		3.16
$TAL_S Chromium	5000	5170	103	5000	5150	103	106	101	104		3.06
$TAL_S Cobalt	5000	5030	101	5000	5010	100	105	98.0	102		4.68
$TAL_S Copper	5000	5040	101	5000	5000	100	102	96.0	99.0		2.18
$TAL_S Iron	5000	4980	99.6	5000	4960	99.2	101	95.2	97.6		1.80
$TAL_S Lead	5000	5050	101	5000	5050	101	106	100	104		5.21
$TAL_S Magnesium	5000	4830	96.6	5000	4840	96.8	103	93.0	97.4		6.21
$TAL_S Manganese	5000	5040	101	5000	5000	100	104	96.6	100		3.54
$TAL_S Nickel	5000	5130	103	5000	5110	102	104	97.6	100		1.75
$TAL_S Potassium	5000	5060	101	5000	4950	99.0	100	92.6	94.4		1.00
$TAL_S Selenium	25000	25400	102	25000	25400	102	105	98.4	103		3.48
$TAL_S Silver	1000	1020	102	1000	1010	101	102	95.7	97.7		0.985
$TAL_S Sodium	5000	5010	100	5000	5000	100	105	100	102		5.26
$TAL_S Thallium	5000	4990	99.8	5000	4980	99.6	109	100	106		8.83
$TAL_S Vanadium	5000	5060	101	5000	5020	100	104	97.0	100		3.33
$TAL_S Zinc	5000	5030	101	5000	5010	100	105	98.0	101		4.49

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37603
Location Code: HWMB
Date Collected: 07/11/06 2:45:00 PM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: $TAL_S-86996
Project: HW
Sample Description: CAMP GORDON/ HW10432

Samples in Batch #: 86996

AF37603	AF37604	AF37605	AF37606
AF37607	AF37608	AF37609	AF37610
AF37611	AF37612		

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$TAL_S Aluminum	24000000	<20000	100000	28000000	25000000	11.3	**U*4000**	99400	97800	1.62	99.4
$TAL_S Antimony	ND	<6000	50000	ND	ND	0.0	**L*0.0**	48200	48900	1.44	96.4
$TAL_S Arsenic	ND	<8000	50000	ND	ND	0.0	**L*0.0**	49500	48900	1.22	99.0
$TAL_S Barium	ND	<20000	50000	ND	ND	0.0	**L*0.0**	48900	48400	1.03	97.8
$TAL_S Beryllium	ND	<500	50000	49000	46400	5.45	98.0	48100	47900	0.417	96.2
$TAL_S Cadmium	ND	<500	50000	41400	39400	4.95	82.8	48600	48600	0.00	97.2
$TAL_S Calcium	ND	<500000	2500000	6250000	6200000	0.803	**U*250**	2360000	2350000	0.425	94.4
$TAL_S Chromium	58000	<1000	50000	107000	101000	5.77	98.0	50400	50200	0.398	101
$TAL_S Cobalt	ND	<5000	50000	68400	64200	6.33	**U*137**	49600	49600	0.00	99.2
$TAL_S Copper	220000	<2500	50000	334000	313000	6.49	**U*228**	49400	49100	0.609	98.8
$TAL_S Iron	130000000	<10000	100000	139000000	128000000	8.24	**U*9000**	99900	99500	0.401	99.9
$TAL_S Lead	600000	<9000	50000	778000	547000	**U*34.9**	**U*356**	50300	49300	2.01	101
$TAL_S Magnesium	ND	<500000	2500000	ND	ND	0.0	**L*0.0**	2480000	2480000	0.00	99.2
$TAL_S Manganese	4500000	<1500	50000	3390000	3370000	0.592	**L*0.0**	49300	49100	0.406	98.6
$TAL_S Nickel	ND	<4000	50000	78400	78900	0.636	**U*157**	49000	48800	0.409	98.0
$TAL_S Potassium	ND	<500000	2500000	ND	ND	0.0	**L*0.0**	2440000	2440000	0.00	97.6
$TAL_S Selenium	ND	<19000	50000	ND	ND	0.0	**L*0.0**	50800	49800	1.99	102
$TAL_S Silver	ND	<1000	10000	ND	ND	0.0	**L*0.0**	9900	9530	3.81	99.0
$TAL_S Sodium	ND	<500000	2500000	ND	ND	0.0	**L*0.0**	2500000	2480000	0.803	100
$TAL_S Thallium	ND	<20000	50000	ND	ND	0.0	**L*0.0**	51300	50900	0.783	103
$TAL_S Vanadium	140000	<5000	50000	184000	172000	6.74	88.0	49600	49400	0.404	99.2
$TAL_S Zinc	3000000	<2000	50000	2480000	2340000	5.81	**L*0.0**	49500	49600	0.202	99.0

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %

Comments: $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interference in the sample. 'D' flag: Dilution for sample was performed on 7/25/06.

Comments: $P_TAL_S-6010B : ICP Metals - Matrix Spike Duplicate had one analyte, Lead (34.9 RPD precision, limits 0-20 RPD) with a precision outside acceptable control limits due to high concentration of the target analyte.2-072006-336

Comments: $R_TAL_S-6010B: ICP Metals - Matrix Spike had six analytes, Aluminum (4000% recovery, limits 75-125%), Copper (228%, limits 75-125%), Iron (9000% recovery, limits 75-125%), Manganese (0.0%, limits 75-125), Lead (356% recovery, limits 75-125%),and Zinc (0.0% recovery, limits 75-125%) with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. Matrix spike had fourteen analytes, Silver (0.0% recovery, limits 75-125%), Arsenic (0.0% recovery, limits 75-125%), Barium (0.0% recovery, limits 75-125%), Calcium (250% recovery, limits 75-125%), Cobalt (137%, limits 75-125%), Potassium (0.0% recovery, limits 75-125%), Magnesium(0.0% recovery, limits 75-125%), Sodium (0.0% recovery, limits 75-125%), Nickel (157% recovery, limits 75-125%), Antimony (0.0% recovery, limits 75-125%), Selenium (0.0% recovery, limits 75-125%) and Thalium (0.0% recovery , limits 75-125%) with a percent recovery outside acceptable control limits due to matrix interference. LCS results acceptable for all analytes. 2-072006-336

CALIBRATION .ALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37603
Location Code: HWMB
Date Collected: 07/11/06 2:45:00 PM
Date Received: 07/12/06 9:42:00 AM

QA/QC Batch Name: $TAL_S-86996
Project: HW
Sample Description: CAMP GORDON/ HW10432

Samples in Batch #: 86996

AF37603	AF37604	AF37605	AF37606
AF37607	AF37608	AF37609	AF37610
AF37611	AF37612		

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg	ug/Kg	%	ug/Kg	ug/Kg	%	%	%	%		RPD
$TAL_S Aluminum	5000	5030	101	5000	5100	102	102	100	101		0.196
$TAL_S Antimony	5000	4940	98.8	5000	4960	99.2	101	97.0	96.2		1.40
$TAL_S Arsenic	5000	5040	101	5000	5140	103	104	104	106		1.54
$TAL_S Barium	5000	4970	99.4	5000	5020	100	101	95.8	98.2		0.199
$TAL_S Beryllium	5000	4960	99.2	5000	5040	101	102	99.8	103		0.987
$TAL_S Cadmium	5000	5000	100	5000	5060	101	104	102	103		2.34
$TAL_S Calcium	5000	4980	99.6	5000	5080	102	102	102	102		0.589
$TAL_S Chromium	5000	5110	102	5000	5230	105	106	105	109		0.951
$TAL_S Cobalt	5000	4970	99.4	5000	5100	102	105	104	106		3.09
$TAL_S Copper	5000	4970	99.4	5000	5080	102	103	99.2	102		1.56
$TAL_S Iron	5000	4970	99.4	5000	5060	101	101	100	99.6		0.396
$TAL_S Lead	5000	4990	99.8	5000	5100	102	106	106	107		3.85
$TAL_S Magnesium	5000	4800	96.0	5000	4860	97.2	102	98.6	96.6		4.62
$TAL_S Manganese	5000	4990	99.8	5000	5090	102	103	102	104		1.37
$TAL_S Nickel	5000	5080	102	5000	5080	102	102	99.8	101		0.393
$TAL_S Potassium	5000	4920	98.4	5000	4850	97.0	95.8	95.6	96.8		1.24
$TAL_S Selenium	25000	25100	100	25000	25600	102	105	105	108		2.32
$TAL_S Silver	1000	1000	100	1000	1010	101	102	98.4	101		0.985
$TAL_S Sodium	5000	4940	98.8	5000	5090	102	104	107	106		1.75
$TAL_S Thallium	5000	4940	98.8	5000	5140	103	108	106	108		4.93
$TAL_S Vanadium	5000	5010	100	5000	5110	102	103	101	104		1.17
$TAL_S Zinc	5000	4980	99.6	5000	5100	102	104	103	105		2.33

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg	ug/Kg	%	ug/Kg	ug/Kg	%	%	%	%		RPD

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37394
Location Code: HWMB
Date Collected: 07/10/06 8:15:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $TAL_S-86979
Project: HW
Sample Description: CAMP GORDON/HW10382

Samples in Batch #: 86979

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$TAL_S Aluminum	1800000	<20000	100000	3420000	3470000	1.45	**U*1620**	104000	105000	0.957	104
$TAL_S Antimony	ND	<6000	50000	37500	39100	4.18	75.0	50900	51800	1.75	102
$TAL_S Arsenic	ND	<8000	50000	50500	51600	2.15	101	51500	51700	0.388	103
$TAL_S Barium	ND	<20000	50000	58600	59500	1.52	117	51300	51100	0.391	103
$TAL_S Beryllium	ND	<500	50000	50400	51200	1.57	101	50700	50800	0.197	101
$TAL_S Cadmium	ND	<500	50000	50800	51600	1.56	102	51300	51600	0.583	103
$TAL_S Calcium	ND	<500000	2500000	2680000	2720000	1.48	107	2480000	2490000	0.402	99.2
$TAL_S Chromium	18000	<1000	50000	67600	68100	0.737	99.2	53100	53000	0.188	106
$TAL_S Cobalt	ND	<5000	50000	54600	55400	1.45	109	52000	52100	0.192	104
$TAL_S Copper	3200	<2500	50000	53900	54400	0.923	101	52000	51700	0.579	104
$TAL_S Iron	8500000	<10000	100000	7640000	7740000	1.30	**L*0.0**	111000	111000	0.00	111
$TAL_S Lead	ND	<9000	50000	55200	54100	2.01	110	51700	52200	0.962	103
$TAL_S Magnesium	ND	<500000	2500000	2750000	2790000	1.44	110	2630000	2640000	0.380	105
$TAL_S Manganese	150000	<1500	50000	180000	183000	1.65	**L*60.0**	51800	51900	0.193	104
$TAL_S Nickel	ND	<4000	50000	52300	53200	1.71	105	51400	51300	0.195	103
$TAL_S Potassium	ND	<500000	2500000	2580000	2610000	1.16	103	2540000	2530000	0.394	102
$TAL_S Selenium	ND	<19000	50000	48800	51600	5.58	97.6	53900	54400	0.923	108
$TAL_S Silver	ND	<1000	10000	10400	10300	0.966	104	10500	10400	0.957	105
$TAL_S Sodium	ND	<500000	2500000	2620000	2660000	1.52	105	2620000	2630000	0.381	105
$TAL_S Thallium	ND	<20000	50000	50800	50100	1.39	102	52000	51800	0.385	104
$TAL_S Vanadium	32000	<5000	50000	75900	76800	1.18	87.8	52500	52200	0.573	105
$TAL_S Zinc	8900	<2000	50000	61100	61800	1.14	104	52000	52200	0.384	104

Comments: $R_TAL_S-6010B: ICP Metals - Matrix Spike had three analytes, Aluminum (1620% recovery, limits 75-125%), Iron (0.0% recovery, limits 75-125%), and Manganese (60.0 % recovery, limits 75-125%) with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. LCS results acceptable for all analytes. 2-071406-315

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37394
Location Code: HWMB
Date Collected: 07/10/06 8:15:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $TAL_S-86979
Project: HW
Sample Description: CAMP GORDON/HW10382

Samples in Batch #: 86979

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/Kg	ug/Kg	%	ug/Kg	ug/Kg	%	%	%			RPD
$TAL_S Aluminum	5000	5040	101	5000	5080	102	102	102			0.393
$TAL_S Antimony	5000	5030	101	5000	5060	101	100	100			0.993
$TAL_S Arsenic	5000	5070	101	5000	5120	102	103	103			0.390
$TAL_S Barium	5000	4950	99.0	5000	4970	99.4	99.8	99.0			0.402
$TAL_S Beryllium	5000	5000	100	5000	5020	100	101	101			0.199
$TAL_S Cadmium	5000	5100	102	5000	5140	103	103	103			0.195
$TAL_S Calcium	5000	5020	100	5000	5070	101	102	102			0.197
$TAL_S Chromium	5000	5100	102	5000	5140	103	103	104			0.582
$TAL_S Cobalt	5000	5100	102	5000	5130	103	103	104			0.777
$TAL_S Copper	5000	5000	100	5000	5030	101	101	101			0.792
$TAL_S Iron	5000	5030	101	5000	5060	101	101	100			0.396
$TAL_S Lead	5000	5110	102	5000	5160	103	104	105			0.772
$TAL_S Magnesium	5000	5100	102	5000	5120	102	102	102			0.196
$TAL_S Manganese	5000	5050	101	5000	5070	101	102	102			0.590
$TAL_S Nickel	5000	5090	102	5000	5120	102	102	101			0.588
$TAL_S Potassium	5000	5020	100	5000	5100	102	102	102			0.00
$TAL_S Selenium	25000	25400	102	25000	25600	102	103	104			0.778
$TAL_S Silver	1000	1010	101	1000	1020	102	102	102			0.00
$TAL_S Sodium	5000	5020	100	5000	5030	101	103	104			1.97
$TAL_S Thallium	5000	5130	103	5000	5150	103	104	106			1.16
$TAL_S Vanadium	5000	5050	101	5000	5080	102	102	103			0.784
$TAL_S Zinc	5000	5070	101	5000	5100	102	103	104			1.36

QA/QC BATC. . REPORT

QA/QC Batch Name: HGTALS-87328

Samples in Batch #: 87328

AF37612	AF37613	AF37[illegible]	AF37615
AF38083	AF38084	AF38085	AF38086

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37612
Location Code: HWMB
Date Collected: 07/11/06 8:10:00 AM
Date Received: 07/12/06 9:42:00 AM

Project: HW
Sample Description: CAMP GORDON/ HW 10410

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg(dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
HGTALS	ND	<100	0.200	0.210	0.208	0.957	86.1	0.210	0.203	3.39	105

QA/QC BATC.. REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37394
Location Code: HWMB
Date Collected: 07/10/06 8:15:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: HGTALS-87315
Project: HW
Sample Description: CAMP GORDON/HW10382

Samples in Batch #: 87315

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg(dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
HGTALS	ND	<100	0.200	0.214	0.216	0.930	107	0.215	0.214	0.466	108

CALIBRATION _ALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37394
Location Code: HWMB
Date Collected: 07/10/06 8:15:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: HGTALS-87315
Project: HW
Sample Description: CAMP GORDON/HW10382

Samples in Batch #: 87315

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/kg (dw)	ug/kg (dw)	%	ug/kg (dw)	ug/kg (dw)	%	%	%	%	%	% RPD
HGTALS	0.200	0.213	106	0.200	0.210	105	108	109	108	120	2.35

QA/QC BATC. REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF38083
Location Code: HWMB
Date Collected: 07/12/06 1:30:00 PM
Date Received: 07/13/06 2:30:00 PM

QA/QC Batch Name: $8081S-87255
Project: HW
Sample Description: CAMP GORDON / HW10401

Samples in Batch #: 87255

AF37612	AF37613	AF37614	AF37615
AF38083	AF38084	AF38085	AF38086

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8081S 4,4-DDD	ND	<7.5	40.0	33.9	36.8	8.20	84.8	33.2	32.1	3.37	83.0
$8081S 4,4-DDE	ND	<3.0		ND	ND	ND		ND	ND		
$8081S 4,4-DDT	ND	<6.5	40.0	33.2	35.3	6.13	83.0	31.3	31.1	0.641	78.2
$8081S a-BHC	ND	<2.0	20.0	14.7	16.0	8.47	73.5	13.6	12.8	6.06	68.0
$8081S ALDRIN	ND	<3.5		ND	ND	ND		ND	ND		
$8081S alpha-CHLORDANE	ND	<5.0		ND	ND	ND		ND	ND		
$8081S b-BHC	ND	<3.0		ND	ND	ND		ND	ND		
$8081S CHLORDANE	ND	<50		ND	ND	ND		ND	ND		
$8081S CHLORPYRIFOS (DURSBAN)	ND	<5.0	40.0	35.6	38.3	7.31	89.0	33.7	31.5	6.75	84.2
$8081S d-BHC	ND	<4.5		ND	ND	ND		ND	ND		
$8081S DCB surr std	37.5	30.0	40.0	34.6	38.5			36.1	32.9	9.28	90.2
$8081S DIELDRIN	ND	<2.0	40.0	32.8	35.6	8.19	82.0	32.0	30.3	5.46	80.0
$8081S ENDOSULFAN I	ND	<5.0	20.0	14.4	15.6	8.00	72.0	16.3	14.7	10.3	81.5
$8081S ENDOSULFAN II	ND	<7.5		ND	ND	ND		ND	ND		
$8081S ENDOSULFAN SULFATE	ND	<8.0		ND	ND	ND		ND	ND		
$8081S ENDRIN	ND	<7.5	40.0	35.3	38.5	8.67	88.2	33.8	32.1	5.16	84.5
$8081S ENDRIN ALDEHYDE	ND	<3.5		ND	ND	ND		ND	ND		
$8081S gamma-CHLORDANE	ND	<5.0		ND	ND	ND		ND	ND		
$8081S HEPTACHLOR	ND	<5.0	20.0	17.8	17.8	0.0	89.0	15.2	14.9	1.99	76.0
$8081S HEPTACHLOR EPOXIDE	ND	<4.0		ND	ND	ND		ND	ND		
$8081S HEXACHLOROBENZENE	ND	<1.0		ND	ND	ND		ND	ND		
$8081S LINDANE (g-BHC)	ND	<1.0	20.0	15.5	16.6	6.85	77.5	14.4	13.4	7.19	72.0
$8081S METHOXYCHLOR	ND	<20	200	190	207	8.56	95.0	194	184	5.29	97.0
$8081S MIREX	ND	<3.5	40.0	28.7	29.2	1.73	71.8	27.7	25.9	6.72	69.2
$8081S TCMX surr std	14.3	11.5	20.0	14.3	15.3			12.6	11.8	6.56	63.0
$8081S TOXAPHENE	ND	<130		ND	ND	ND		ND	ND		

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF38083
Location Code: HWMB
Date Collected: 07/12/06 1:30:00 PM
Date Received: 07/13/06 2:30:00 PM

QA/QC Batch Name: $8081S-87255
Project: HW
Sample Description: CAMP GORDON / HW10401

Samples in Batch #: 87255

AF37612	AF37613	AF37614	AF37615
AF38083	AF38084	AF38085	AF38086

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
				ug/L	ug/L	%					
$8081S 4,4-DDD				80	85.0	106					
$8081S 4,4-DDE				80	88.6	111					
$8081S 4,4-DDT				80	81.1	101					
$8081S a-BHC				40	42.1	105					
$8081S ALDRIN				40	44.2	110					
$8081S alpha-CHLORDANE				40	43.3	108					
$8081S b-BHC				40	44.6	112					
$8081S CHLORDANE				1000	1070	107					
$8081S CHLORPYRIFOS (DURSBAN)				80	90.0	112					
$8081S d-BHC				40	44.2	110					
$8081S DCB surr std				80	81.6	102					
$8081S DIELDRIN				80	84.5	106					
$8081S ENDOSULFAN I				40	40.8	102					
$8081S ENDOSULFAN II				80	86.6	108					
$8081S ENDOSULFAN SULFATE				80	87.1	109					
$8081S ENDRIN				80	87.1	109					
$8081S ENDRIN ALDEHYDE				80	85.8	107					
$8081S gamma-CHLORDANE				40	43.2	108					
$8081S HEPTACHLOR				40	42.7	107					
$8081S HEPTACHLOR EPOXIDE				40	42.9	107					
$8081S HEXACHLOROBENZENE				40	45.8	114					
$8081S LINDANE (g-BHC)				40	42.5	106					
$8081S METHOXYCHLOR				400	430	108					
$8081S MIREX				80	72.8	91.0					
$8081S TCMX surr std				40	43.4	108					
$8081S TOXAPHENE				1000	991	99.1					

QA/QC BATC.. REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37396
Location Code: HWMB
Date Collected: 07/10/06 9:25:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $8081S-87175
Project: HW
Sample Description: CAMP GORDON/HW10386

Samples in Batch #: 87175

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8081S 4,4-DDD	ND	<7.5		ND	ND			ND	ND		
$8081S 4,4-DDE	ND	<3.0	40	57.0	36.2	**U*44.6**	142	37.3	37.5	0.535	93.2
$8081S 4,4-DDT	ND	<6.5		ND	ND			ND	ND		
$8081S a-BHC	ND	<2.0		ND	ND			ND	ND		
$8081S ALDRIN	ND	<3.5	20	18.8	15.4	19.9	94.0	15.5	16.2	4.42	77.5
$8081S alpha-CHLORDANE	ND	<5.0	20	37.7	18.2	**U*69.8**	**U*188**	19.0	18.6	2.13	95.0
$8081S b-BHC	ND	<3.0	20	19.9	17.0	15.7	99.5	17.6	17.9	1.69	88.0
$8081S CHLORDANE	ND	<50		ND	ND			ND	ND		
$8081S CHLORPYRIFOS (DURSBAN)	ND	<5.0		ND	ND			ND	ND		
$8081S d-BHC	ND	<4.5	20	19.4	15.6	21.7	97.0	17.4	16.5	5.31	87.0
$8081S DCB surr std	33.3	30.6	40	40.8	37.7			39.1	38.9	0.513	97.8
$8081S DIELDRIN	ND	<2.0		ND	ND			ND	ND		
$8081S ENDOSULFAN I	ND	<5.0		ND	ND			ND	ND		
$8081S ENDOSULFAN II	ND	<7.5	40	44.5	37.5	17.1	111	38.0	37.8	0.528	95.0
$8081S ENDOSULFAN SULFATE	ND	<8.0	40	40.9	36.6	11.1	102	37.5	36.9	1.61	93.8
$8081S ENDRIN	ND	<7.5		ND	ND			ND	ND		
$8081S ENDRIN ALDEHYDE	ND	<3.5	40	37.8	35.3	6.84	94.5	34.9	33.3	4.69	87.2
$8081S gamma-CHLORDANE	ND	<5.0	20	32.4	39.0	18.5	**U*162**	22.8	18.8	19.2	114
$8081S HEPTACHLOR	ND	<5.0		ND	ND			ND	ND		
$8081S HEPTACHLOR EPOXIDE	ND	<4.0	20	34.5	17.0	**U*68.0**	**U*172**	17.8	17.5	1.70	89.0
$8081S HEXACHLOROBENZENE	ND	<1.0	20	18.6	15.4	18.8	93.0	16.1	17.5	8.33	80.5
$8081S LINDANE (g-BHC)	ND	<1.0		ND	ND			ND	ND		
$8081S METHOXYCHLOR	ND	<20		ND	ND			ND	ND		
$8081S MIREX	ND	<3.5		ND	ND			ND	ND		
$8081S TCMX surr std	16.6	9.80	20	18.6	15.5			16.0	17.4	8.38	80.0
$8081S TOXAPHENE	ND	<130		ND	ND			ND	ND		

QA/QC BATC.. REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %

Comments: $R_8081S - EPA 8081A - MS had three compounds, Heptachlor Epoxide (172% recovery), g-Chlordane (162% recovery) and a-Chlordane (189% recovery)(limits 50-150% for all) with recoveries outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 1-080106-366

Comments: $P_8081S - EPA 8081A - MSD had three compounds, Heptachlor Epoxide (68.0% RPD), a-Chlordane (69.8% RPD) and DDE (44.6% RPD) (limits 30% for all) with precisions outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 1-080106-366

CALIBRATION .ALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37396
Location Code: HWMB
Date Collected: 07/10/06 9:25:00 AM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $8081S-87175
Project: HW
Sample Description: CAMP GORDON/HW10386

Samples in Batch #: 87175

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
				ug/L	ug/L	%					
$8081S 4,4-DDD				80	78.0	97.5					
$8081S 4,4-DDE				80	82.0	102					
$8081S 4,4-DDT				80	76.5	95.6					
$8081S a-BHC				40	37.1	92.8					
$8081S ALDRIN				40	40.3	101					
$8081S alpha-CHLORDANE				40	40.3	101					
$8081S b-BHC				40	39.2	98.0					
$8081S CHLORDANE				1000	1010	101					
$8081S CHLORPYRIFOS (DURSBAN)				80	85.5	107					
$8081S d-BHC				40	39.4	98.5					
$8081S DCB surr std				80	78.2	97.8					
$8081S DIELDRIN				80	78.9	98.6					
$8081S ENDOSULFAN I				40	36.9	92.2					
$8081S ENDOSULFAN II				80	80.9	101					
$8081S ENDOSULFAN SULFATE				80	81.1	101					
$8081S ENDRIN				80	81.7	102					
$8081S ENDRIN ALDEHYDE				80	81.9	102					
$8081S gamma-CHLORDANE				40	40.7	102					
$8081S HEPTACHLOR				40	37.2	93.0					
$8081S HEPTACHLOR EPOXIDE				40	38.4	96.0					
$8081S HEXACHLOROBENZENE				40	41.7	104					
$8081S LINDANE (g-BHC)				40	37.3	93.2					
$8081S METHOXYCHLOR				400	406	102					
$8081S MIREX				80	76.6	95.8					
$8081S TCMX surr std				40	39.6	99.0					
$8081S TOXAPHENE				1000	917	91.7					

CALIBRATION VALIDATION

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
				ug/L	ug/L	%					

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF38086
Location Code: HWMB
Date Collected: 07/12/06 1:10:00 PM
Date Received: 07/13/06 2:30:00 PM

QA/QC Batch Name: $8082S-87256
Project: HW
Sample Description: CAMP GORDON / HW10423

Samples in Batch #: 87256

AF37612	AF37613	AF37614	AF37615
AF38083	AF38084	AF38085	AF38086

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8082S DCBP surr std	45.8	30.0	40.0	42.6	32.1			33.8	34.7		84.5
$8082S PCB-1016	ND	<33	500	545	333	**U*48.3**	109	404	419	3.65	80.8
$8082S PCB-1221	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1232	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1242	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1248	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1254	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1260	ND	<33	500	550	261	**U*71.3**	110	441	455	3.12	88.2
$8082S PCB-1262	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S TCMX surr std	22.3	**L*11.5**	20.0	21.8	15.3			15.0	15.3		75.0

Comments: $P_8082S - EPA 8082 - MS/MSD had both compounds, PCB 1016 (48.3% RPD, limits 30%) and PCB 1260 (71.3% RPD, limits 30%), with a precision ouside acceptable control limits. LCS/LCSD were within control limits.1-080206-372

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF38086
Location Code: HWMB
Date Collected: 07/12/06 1:10:00 PM
Date Received: 07/13/06 2:30:00 PM

QA/QC Batch Name: $8082S-87256
Project: HW
Sample Description: CAMP GORDON / HW10423

Samples in Batch #: 87256

AF37612	AF37613	AF37614	AF37615
AF38083	AF38084	AF38085	AF38086

	IA	IS	IR	CA	C1	R1
				ug/L	ug/L	%
$8082S DCBP surr std				80	81.5	102
$8082S PCB-1016				1000	1030	103
$8082S PCB-1221				ND	ND	ND
$8082S PCB-1232				ND	ND	ND
$8082S PCB-1242				ND	ND	ND
$8082S PCB-1248				ND	ND	ND
$8082S PCB-1254				ND	ND	ND
$8082S PCB-1260				1000	1050	105
$8082S PCB-1262				ND	ND	ND
$8082S TCMX surr std				40	41.9	105

QA/QC BATC. REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37399
Location Code: HWMB
Date Collected: 07/10/06 12:25:00 PM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $8082S-87176
Project: HW
Sample Description: CAMP GORDON/HW10392

Samples in Batch #: 87176

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8082S DCBP surr std	36.4	30.6	40	36.3	37.0			36.5	31.5		91.2
$8082S PCB-1016	ND	<33	500	438	439	0.228	87.6	411	353	15.2	82.2
$8082S PCB-1221	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1232	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1242	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1248	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1254	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1260	ND	<33	500	466	469	0.642	93.2	461	406	12.7	92.2
$8082S PCB-1262	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S TCMX surr std	16.9	**L*9.80**	20	16.8	17.5			16.2	14.1		81.0

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF37399
Location Code: HWMB
Date Collected: 07/10/06 12:25:00 PM
Date Received: 07/10/06 2:51:00 PM

QA/QC Batch Name: $8082S-87176
Project: HW
Sample Description: CAMP GORDON/HW10392

Samples in Batch #: 87176

AF37394	AF37395	AF37396	AF37397
AF37398	AF37399	AF37400	AF37401
AF37402	AF37403	AF37404	AF37603
AF37604	AF37605	AF37606	AF37607
AF37608	AF37609	AF37610	AF37611

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
				ug/L	ug/L	%					
$8082S DCBP surr std				80	77.3	96.6					
$8082S PCB-1016				1000	940	94.0					
$8082S PCB-1221				ND	ND						
$8082S PCB-1232				ND	ND						
$8082S PCB-1242				ND	ND						
$8082S PCB-1248				ND	ND						
$8082S PCB-1254				ND	ND						
$8082S PCB-1260				1000	993	99.3					
$8082S PCB-1262				ND	ND						
$8082S TCMX surr std				40	38.9	97.2					

Ref. 88

Georgia Environmental Protection Division Laboratory, analytical data report for soil samples collected from Lockheed Elementary School on January 27-28, 2007

Chain of Custody Record

Georgia Department of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition: **S** = Soil or Semi Solid, **W** = Water (Aqueous), **A** = Air, **NA** = Non Aqueous Liquid (Oil, Solvent, Etc.)

Facility: Lockheed Elementary School	Location: 1205 Merritt Rd., Marietta, GA	Analysis Requested
Sampler Name: Andrew Taft / Franki Jewell Address: 2 Martin Luther King, Jr. Dr., S.E. Floyd Towers East, Suite 1154 Atlanta, GA 30334	Phone: (404) 656-2833 FAX: (404) 651-9425	Semi VOCs, VOCs, Pest./PCBs, Metals+Hg, Cn

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers.)	Matrix Type S	W	A	NA	Semi VOCs	VOCs	Pest./PCBs	Metals+Hg	Cn		
1/28/07	12:22PM	HW10531 (LSS-BG1)	✓				2	5	1	1	1		
1/28/07	12:58PM	HW10532 (LSS-21)	✓				2	5	1	1	1		
1/28/07	2:50PM	HW10533 (LSS-6)	✓				2	5	1	1	1		
1/28/07	3:05PM	HW10534 (LSS-9)	✓				2	5	1	1	1		
1/28/07	3:30PM	HW10535 (LSS-17)	✓				2	5	1	1	1		
1/28/07	3:45PM	HW10536 (LSS-BG2)	✓				2	5	1	1	1		
1/28/07	4:11PM	HW10537 (LSS-14)	✓				2	5	1	1	1		

Relinquished By (Signature)	Date	Time	Relinquished By (Signature)	Date	Time	Relinquished By (Signature)	Date	Time
Andrew S. Taft	1/29/07	10:50AM						
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks:
Lush Hooper	1-29-07	11:03	☑ Yes ☐ No		Temp 0.0

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007 **LAB No.** _____

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10531

File a separate Request Sheet for each sample point)

Sample ID AF60146
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10531
Collector: A. TAFT
Site:

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Surficial soil sample (0.0 - 0.5 foot below ground surface)

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

1/4 4 OZ. JARS
1/4 8 OZ. JARS
1/4 16 OZ. JARS
1/4 Encores

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests: cyanide	✓

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ **Additional Metals for TCLP:** _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):**

S:/rdrive/forms/request for lab analysis

RECEIVED EPD LABORATORIES 2007 JAN 29 AM 11:03 RECEIVING LAB

TNH

Preservative Confirmed
Ph <2 _____ **>12** _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/28/07
Time Collected:	12:22
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:03 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 ° C

Sample ID:	AF60146
Facility Name:	LOCKHEED ELEM SCHOOL/HW10531
Site ID:	HWMB
Location ID:	
Location Descr:	HW10531 LSS-BG1

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 92238									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52	ug/kg (dw)	8.2	KD	02/06/07	*46. to 56.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	8.2	KD	02/06/07	*44 to 61.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)	8.2	KD	02/06/07	*45 to 55*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	44	ug/kg (dw)	8.2	KD	02/06/07	*37 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	16	KD	02/06/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	3.3	KD	02/06/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	16	KD	02/06/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	16	KD	02/06/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
Acetone	81552		EPA 8260B	480	ug/kg (dw)	170	KD	02/06/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	16	KD	02/06/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	16	KD	02/06/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	82	KD	02/06/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	8.2	KD	02/06/07	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	170	KD	02/06/07	

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parts per billion
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RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	16	KD	02/06/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	16	KD	02/06/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	82	KD	02/06/07	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	82	KD	02/06/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	16	KD	02/06/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
He lorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	8.2	KD	02/06/07	
Hexanal			EPA 8260B	140	TIE	ug/kg (dw)		KD	02/06/07	
8270 Semi-Vol in SOIL QC Batch 92186										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	74		ug/Kg (dw)	0.00	GG	02/06/07	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	80		ug/Kg (dw)	0.00	GG	02/06/07	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	76		ug/Kg (dw)	0.00	GG	02/06/07	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	88		ug/Kg (dw)	0.00	GG	02/06/07	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	99		ug/Kg (dw)	0.00	GG	02/06/07	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	100		ug/Kg (dw)	0.00	GG	02/06/07	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Picoline	77088		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
Aniline	77089		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzaldehyde			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenol	34694		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-' ylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acetophenone	81553		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
Isophorone	34408		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Naphthalene	34696		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Caprolactam			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluorene	34381		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenacetin	62018		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Atrazine	39033		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
Pronamide	39080		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Anthracene	34220		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Carbazole	82618		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzidine	39120		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pyrene	34469		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/Kg (dw)	2600	GG	02/06/07	
Chyrsene	34320		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor	39410		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Aldrin	39330		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/Kg (dw)	3300	GG	02/06/07	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
Dieldrin	39380		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endrin	39390		EPA 8270C	Not Detected		ug/Kg (dw)	3200	GG	02/06/07	
Endosulfan 2	34356		EPA 8270C	Not Detected		ug/Kg (dw)	6600	GG	02/06/07	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/Kg (dw)	3300	GG	02/06/07	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dioxane			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Eicosane			EPA 8270C	5700 TIE		ug/Kg (dw)		GG	02/06/07	
Stigmast-7-en-3-ol			EPA 8270C	10000 TIE		ug/Kg (dw)		GG	02/06/07	
QC Batch 92031										
Cyanide in Sediment	00721		9010B/9012	Not Detected		ug/kg (dw)	12000	JRA	01/31/07	
Target analyte list for solids by ICP QC Batch 92109										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	1000	PSB	02/06/07	
Aluminum	01108		6010 B	8500000		ug/kg (dw)	20000	PSB	02/06/07	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	8000	PSB	02/06/07	
Barium	01008		6010 B	150000		ug/kg (dw)	20000	PSB	02/06/07	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	500	PSB	02/06/07	
Calcium	00917		6010 B	2000000		ug/kg (dw)	500000	PSB	02/06/07	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	500	PSB	02/06/07	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Chromium	01029		6010 B	17000	ug/kg (dw)		1000	PSB	02/06/07	
Cc	01043		6010 B	9300	ug/kg (dw)		2500	PSB	02/06/07	
Iron	01170		6010 B	10000000	ug/kg (dw)		10000	PSB	02/06/07	
Potassium	00938		6010 B	Not Detected	ug/kg (dw)		500000	PSB	02/06/07	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)		500000	PSB	02/06/07	
Manganese	01053		6010 B	1300000	ug/kg (dw)		1500	PSB	02/06/07	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		500000	PSB	02/06/07	
Nickel	01068		6010 B	4500	ug/kg (dw)		4000	PSB	02/06/07	
Lead	01052		6010 B	22000	ug/kg (dw)		9000	PSB	02/06/07	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		6000	PSB	02/06/07	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)		19000	PSB	02/06/07	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		20000	PSB	02/06/07	
Vanadium	01088		6010 B	25000	ug/kg (dw)		5000	PSB	02/06/07	
Zinc	01093		6010 B	30000	ug/kg (dw)		2000	PSB	02/06/07	
QC Batch 92040										
Mercury			EPA 7471A	Not Detected	ug/kg		125	HAM	02/02/07	
Pesticides in Sediment/Soil QC Batch 92035										
TCMX surr std			EPA 8081A	14.8	ug/kg (dw)		0.00	JGD	02/09/07	*9.00 to 24.0*
DCB surr std			EPA 8081A	39.0	ug/kg (dw)		0.00	JGD	02/09/07	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		4.7	JGD	02/09/07	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.7	JGD	02/09/07	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		4.1	JGD	02/09/07	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.4	JGD	02/09/07	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		68	JGD	02/09/07	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		4.1	JGD	02/09/07	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)		10	JGD	02/09/07	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		8.8	JGD	02/09/07	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	B	2.7	JGD	02/09/07	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		6.8	JGD	02/09/07	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		10	JGD	02/09/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		11	JGD	02/09/07	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		10	JGD	02/09/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		4.7	JGD	02/09/07	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		6.8	JGD	02/09/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		5.4	JGD	02/09/07	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		180	JGD	02/09/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		6.8	JGD	02/09/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.4	JGD	02/09/07	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		27	JGD	02/09/07	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		4.7	JGD	02/09/07	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.8	JGD	02/09/07	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.8	JGD	02/09/07	
PCBs in Soil QC Batch 92036										
TCMX surr std			EPA8082	14.8	ug/kg		0.00	JGD	02/09/07	*12 to 24*
PCB-1016			EPA8082	Not Detected	ug/kg		45	JGD	02/09/07	
PCB-1221			EPA8082	Not Detected	ug/kg		45	JGD	02/09/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB 1232			EPA8082	Not Detected	ug/kg	45	JGD	02/09/07	
PCB 1242			EPA8082	Not Detected	ug/kg	45	JGD	02/09/07	
PCB-1248			EPA8082	Not Detected	ug/kg	45	JGD	02/09/07	
PCB-1254			EPA8082	Not Detected	ug/kg	45	JGD	02/09/07	
PCB-1260			EPA8082	Not Detected	ug/kg	45	JGD	02/09/07	
PCB-1262			EPA8082	Not Detected	ug/kg	45	JGD	02/09/07	
DCB surr std			EPA8082	39.0	ug/kg	0.00	JGD	02/09/07	

COMMENTS: CNTALS - SW846 -9010B/9012A -Cyanide matrix spike amount 26600 ug/kg (dw).

COMMENTS: $R_TAL_S-6010B: ICP Metals - Matrix Spike had four analytes, Aluminum (3500% recovery, limits 75-125%), Barium (126% recovery, limits 75-125%), Manganese (260% recovery, limits 75-125%) and Iron (7000% recovery, limits 75-125%) with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. Matrix spike had two analytes, Chromium (135% recovery, limits 75-125%), and Antimony (58.4% recovery, limits 75-125%), with percent recovery outside acceptable control limits due to matrix interference. LCS results acceptable for all analytes. 2-020607-036

COMMENTS: $8081S - EPA 8081A - "B" - Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that may be from contamination. No detects for Dieldrin found in any samples. 1-021507-080
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: Vanadium qualitative confirmation by ICP/MS

COMMENTS: R_HGTALS:- MS result calculated using 492ug/kg as spike concentration.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10532

File a separate Request Sheet for each sample point)

Sample ID AF60147
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10532
Collector: A. TAFT
Site:

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Surficial soil sample (0.0 - 0.5 foot below ground surface)

Applicable Hazardous Waste Codes (If known) ____

Special Precautions:

1/4 4 OZ. JARS
1/4 8 OZ. JARS
1/4 ~~16 OZ. JARS~~
1/4 Encores

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	✓

Cyanide

Organics Special Requests: ____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: ____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ **Additional Metals for TCLP:** ____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ **Date:** ____ **Reviewed By (EPD Lab):** ____
Approved By:(HWMB): ____ **Date:** ____ **Date (EPD Lab):** ____

S:/rdrive/forms/request for lab analysis

RECEIVED
EPD LABORATORIES
2007 JAN 29 AM 11:03
RECEIVED

TNH

Preservative Confirmed
Ph <2 ____ >12 ____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/28/07
Time Collected:	12:58
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:03 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 °C

Sample ID:	AF60147
Facility Name:	LOCKHEED ELEM SCHOOL/HW10532
Site ID:	HWMB
Location ID:	
Location Descr:	HW10532 LSS-21

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 92238										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51		ug/kg (dw)	7.7	KD	02/06/07	*46. to 56.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	7.7	KD	02/06/07	*44 to 61.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	7.7	KD	02/06/07	*45 to 55*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	7.7	KD	02/06/07	*37 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	3.1	KD	02/06/07	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Acetone	81552		EPA 8260B	Not Detected		ug/kg (dw)	150	KD	02/06/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	77	KD	02/06/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	150	KD	02/06/07	

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GC Mass Spec:	Steve Bryan	404-206-5260
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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	77	KD	02/06/07	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	77	KD	02/06/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	15	KD	02/06/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	

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ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2 ' Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
He ilorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	7.7	KD	02/06/07	
8270 Semi-Vol in SOIL QC Batch 92186										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	70		ug/Kg (dw)	0.00	GG	02/06/07	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	70		ug/Kg (dw)	0.00	GG	02/06/07	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	71		ug/Kg (dw)	0.00	GG	02/06/07	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	80		ug/Kg (dw)	0.00	GG	02/06/07	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	85		ug/Kg (dw)	0.00	GG	02/06/07	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	77		ug/Kg (dw)	0.00	GG	02/06/07	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2-Picoline	77088		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
Aniline	77089		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzaldehyde			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Phenol	34694		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Bi hloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Acetophenone	81553		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
4-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
Isophorone	34408		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Naphthalene	34696		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Caprolactam			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
2-[illegible]ylnaphthalene	77416		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Fluorene	34381		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
4-[illegible]aniline	30342		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
Dip[illegible]nylamine	77579		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Phenacetin	62018		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Atrazine	39033		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
Pronamide	39080		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Anthracene	34220		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Carbazole	82618		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzidine	39120		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Pyrene	34469		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Be[illegible]a]anthracene	34526		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
Chyrsene	34320		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Heptachlor	39410		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Aldrin	39330		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/Kg (dw)	4000	GG	02/06/07	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
Dieldrin	39380		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Endrin	39390		EPA 8270C	Not Detected		ug/Kg (dw)	3800	GG	02/06/07	
Er[illegible]lfan 2	34356		EPA 8270C	Not Detected		ug/Kg (dw)	7900	GG	02/06/07	
p,p[illegible]DD	39310		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/Kg (dw)	4000	GG	02/06/07	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
1,4-Dioxane			EPA 8270C	Not Detected		ug/Kg (dw)	1600	GG	02/06/07	
QC Batch 92031										
Cyanide in Sediment	00721		9010B/9012	Not Detected		ug/kg (dw)	12000	JRA	01/31/07	
Target analyte list for solids by ICP QC Batch 92109										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	10000	PSB	02/06/07	
Aluminum	01108		6010 B	19000000		ug/kg (dw)	200000	PSB	02/06/07	
Arsenic	01003		6010 B	120000		ug/kg (dw)	80000	PSB	02/06/07	
Barium	01008		6010 B	Not Detected		ug/kg (dw)	200000	PSB	02/06/07	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Cobalt	01038		6010 B	58000		ug/kg (dw)	50000	PSB	02/06/07	
Chromium	01029		6010 B	39000		ug/kg (dw)	10000	PSB	02/06/07	
Copper	01043		6010 B	120000		ug/kg (dw)	25000	PSB	02/06/07	
Iron	01170		6010 B	99000000		ug/kg (dw)	100000	PSB	02/06/07	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Magnesium	00924		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Manganese	01053		6010 B	1600000		ug/kg (dw)	15000	PSB	02/06/07	
Sodium	00934		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Nickel	01068		6010 B	Not Detected		ug/kg (dw)	40000	PSB	02/06/07	
Lead	01052		6010 B	Not Detected		ug/kg (dw)	90000	PSB	02/06/07	
Antimony	01098		6010 B	Not Detected		ug/kg (dw)	60000	PSB	02/06/07	
Selenium	01148		6010 B	Not Detected		ug/kg (dw)	190000	PSB	02/06/07	
Thallium	34480		6010 B	Not Detected		ug/kg (dw)	200000	PSB	02/06/07	
Vanadium	01088		6010 B	350000		ug/kg (dw)	50000	PSB	02/06/07	
Zinc	01093		6010 B	84000		ug/kg (dw)	20000	PSB	02/06/07	
QC Batch 92040										
Mercury			EPA 7471A	Not Detected		ug/kg	138	HAM	02/02/07	
Pesticides in Sediment/Soil QC Batch 92035										
TCMX surr std			EPA 8081A	17.8		ug/kg (dw)	0.00	JGD	02/09/07	*9.00 to 24.0*
DCB surr std			EPA 8081A	41.3		ug/kg (dw)	0.00	JGD	02/09/07	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected		ug/kg (dw)	5.6	JGD	02/09/07	
a-BHC			EPA 8081A	Not Detected		ug/kg (dw)	3.2	JGD	02/09/07	
b-BHC			EPA 8081A	Not Detected		ug/kg (dw)	4.8	JGD	02/09/07	
d-BHC			EPA 8081A	Not Detected		ug/kg (dw)	7.2	JGD	02/09/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/kg (dw)	1.6	JGD	02/09/07	
CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	80	JGD	02/09/07	
4,4-DDE			EPA 8081A	Not Detected		ug/kg (dw)	4.8	JGD	02/09/07	
4,4-DDD			EPA 8081A	Not Detected		ug/kg (dw)	12	JGD	02/09/07	
4,4-DDT			EPA 8081A	Not Detected		ug/kg (dw)	10	JGD	02/09/07	
DIELDRIN			EPA 8081A	Not Detected	B	ug/kg (dw)	3.2	JGD	02/09/07	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/kg (dw)	8.0	JGD	02/09/07	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/kg (dw)	12	JGD	02/09/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/kg (dw)	13	JGD	02/09/07	
ENDRIN			EPA 8081A	Not Detected		ug/kg (dw)	12	JGD	02/09/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/kg (dw)	5.6	JGD	02/09/07	
HEPTACHLOR			EPA 8081A	Not Detected		ug/kg (dw)	8.0	JGD	02/09/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/kg (dw)	6.4	JGD	02/09/07	
TOXAPHENE			EPA 8081A	Not Detected		ug/kg (dw)	210	JGD	02/09/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/kg (dw)	8.0	JGD	02/09/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/kg (dw)	1.6	JGD	02/09/07	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/kg (dw)	32	JGD	02/09/07	
MIREX			EPA 8081A	Not Detected		ug/kg (dw)	5.6	JGD	02/09/07	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	8.0	JGD	02/09/07	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	8.0	JGD	02/09/07	
PCBs in Soil QC Batch 92036										
TCMX surr std			EPA8082	17.8		ug/kg	0.00	JGD	02/09/07	*12 to 24*
PCB-1016			EPA8082	Not Detected		ug/kg	53	JGD	02/09/07	
PCB-1221			EPA8082	Not Detected		ug/kg	53	JGD	02/09/07	
PCB-1232			EPA8082	Not Detected		ug/kg	53	JGD	02/09/07	
PCB-1242			EPA8082	Not Detected		ug/kg	53	JGD	02/09/07	
PCB-1248			EPA8082	Not Detected		ug/kg	53	JGD	02/09/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1254			EPA8082	Not Detected	ug/kg	53	JGD	02/09/07	
PCB-1260			EPA8082	Not Detected	ug/kg	53	JGD	02/09/07	
PCB-1262			EPA8082	Not Detected	ug/kg	53	JGD	02/09/07	
DCB surr std			EPA8082	41.3	ug/kg	0.00	JGD	02/09/07	

COMMENTS: $TAL_S-6010B: ICP Metals - All reporting limits raised due to high concentration of target analytes and matrix interference. Vanadium qualitative confirmation by ICP/MS

COMMENTS: $8081S - EPA 8081A - "B" - Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that may be from contamination. No detects for Dieldrin found in any samples. 1-021507-080
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $A_826BS-EPA 8260B- Amount spiked for MS and MSD respectively are 78ug/Kg and 85ug/Kg

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007 **LAB No.**

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10533
File a separate Request Sheet for each sample point)

Sample ID AF60148
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10533
Collector: A. TAFT
Site:

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Surficial soil sample (0.0 - 0.5 foot below ground surface)

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

1 4 OZ. JARS
4 8 OZ. JARS
1 16 OZ. JARS
4 Encores

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests: Cyanide	✓

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles _____ Pesticides _____
Semi-Volatiles (Acid & Base/Neutral) _____ Herbicides _____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ Additional Metals for TCLP: _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

S:/rdrive/forms/request for lab analysis

RECEIVED EPD LABORATORIES 2007 JAN 29 AM 11:03 REGULATORY LAB

TNH

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/28/07
Time Collected:	14:50
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:03 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 °C

Sample ID:	AF60148
Facility Name:	LOCKHEED ELEM SCHOOL/HW10533
Site ID:	HWMB
Location ID:	
Location Descr:	HW10533 LSS-6

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 92237									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	52	ug/kg (dw)	5.6	KD	02/07/07	*46. to 56.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	5.6	KD	02/07/07	*44 to 61.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	5.6	KD	02/07/07	*45 to 55*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	5.6	KD	02/07/07	*37 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.2	KD	02/07/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
Acetone	81552		EPA 8260B	190	ug/kg (dw)	110	KD	02/07/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	56	KD	02/07/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	5.6	KD	02/07/07	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	110	KD	02/07/07	

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Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	56	KD	02/07/07	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	56	KD	02/07/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	5.6	KD	02/07/07	
8270 Semi-Vol in SOIL QC Batch 92186										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	42		ug/Kg (dw)	0.00	GG	02/06/07	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	43		ug/Kg (dw)	0.00	GG	02/06/07	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	44		ug/Kg (dw)	0.00	GG	02/06/07	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	49		ug/Kg (dw)	0.00	GG	02/06/07	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	57		ug/Kg (dw)	0.00	GG	02/06/07	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	56		ug/Kg (dw)	0.00	GG	02/06/07	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Picoline	77088		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Aniline	77089		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzaldehyde			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenol	34694		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acetophenone	81553		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Isophorone	34408		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Naphthalene	34696		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Caprolactam			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
2-Chloronaphthalene	77416		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluorene	34381		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenacetin	62018		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Atrazine	39033		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Pronamide	39080		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Anthracene	34220		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Carbazole	82618		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzidine	39120		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pyrene	34469		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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But[illegible]benzylphthalate	34292		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Be[illegible]a]anthracene	34526		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/Kg (dw)	2500	GG	02/06/07	
Chyrsene	34320		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor	39410		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Aldrin	39330		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/Kg (dw)	3100	GG	02/06/07	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/Kg (dw)	6300	GG	02/06/07	
Dieldrin	39380		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Endrin	39390		EPA 8270C	Not Detected	ug/Kg (dw)	3000	GG	02/06/07	
Er[illegible]lfan 2	34356		EPA 8270C	Not Detected	ug/Kg (dw)	6300	GG	02/06/07	
p,p-[illegible]DD	39310		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/Kg (dw)	3100	GG	02/06/07	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dioxane			EPA 8270C	Not Detected	ug/Kg (dw)	1300	GG	02/06/07	
QC Batch 92031									
Cyanide in Sediment	00721		9010B/9012	Not Detected	ug/kg (dw)	11000	JRA	01/31/07	
Target analyte list for solids by ICP QC Batch 92109									
Silver	01078		6010 B	Not Detected	ug/kg (dw)	10000	PSB	02/06/07	
Aluminum	01108		6010 B	41000000	ug/kg (dw)	200000	PSB	02/06/07	
Arsenic	01003		6010 B	Not Detected	ug/kg (dw)	80000	PSB	02/06/07	
Barium	01008		6010 B	Not Detected	ug/kg (dw)	200000	PSB	02/06/07	
Beryllium	01013		6010 B	Not Detected	ug/kg (dw)	5000	PSB	02/06/07	
Calcium	00917		6010 B	Not Detected	ug/kg (dw)	5000000	PSB	02/06/07	
Cadmium	01028		6010 B	Not Detected	ug/kg (dw)	5000	PSB	02/06/07	
Cobalt	01038		6010 B	Not Detected	ug/kg (dw)	50000	PSB	02/06/07	
Chromium	01029		6010 B	36000	ug/kg (dw)	10000	PSB	02/06/07	
Copper	01043		6010 B	37000	ug/kg (dw)	25000	PSB	02/06/07	
Iron	01170		6010 B	63000000	ug/kg (dw)	100000	PSB	02/06/07	

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Potassium	00938		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Magnesium	00924		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Manganese	01053		6010 B	1100000		ug/kg (dw)	15000	PSB	02/06/07	
Sodium	00934		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Nickel	01068		6010 B	Not Detected		ug/kg (dw)	40000	PSB	02/06/07	
Lead	01052		6010 B	Not Detected		ug/kg (dw)	90000	PSB	02/06/07	
Antimony	01098		6010 B	Not Detected		ug/kg (dw)	60000	PSB	02/06/07	
Selenium	01148		6010 B	Not Detected		ug/kg (dw)	190000	PSB	02/06/07	
Thallium	34480		6010 B	Not Detected		ug/kg (dw)	200000	PSB	02/06/07	
Vanadium	01088		6010 B	200000		ug/kg (dw)	50000	PSB	02/06/07	
Zinc	01093		6010 B	30000		ug/kg (dw)	20000	PSB	02/06/07	
QC Batch 92040										
Mercury			EPA 7471A	Not Detected		ug/kg	125	HAM	02/02/07	
Pesticides in Sediment/Soil QC Batch 92035										
TCMX surr std			EPA 8081A	20.0		ug/kg (dw)	0.00	JGD	02/09/07	*9.00 to 24.0*
DCB surr std			EPA 8081A	41.5		ug/kg (dw)	0.00	JGD	02/09/07	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected		ug/kg (dw)	4.5	JGD	02/09/07	
a-BHC			EPA 8081A	Not Detected		ug/kg (dw)	2.6	JGD	02/09/07	
b-BHC			EPA 8081A	Not Detected		ug/kg (dw)	3.8	JGD	02/09/07	
d-BHC			EPA 8081A	Not Detected		ug/kg (dw)	5.7	JGD	02/09/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/kg (dw)	1.3	JGD	02/09/07	
CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	64	JGD	02/09/07	
4,4-DDE			EPA 8081A	Not Detected		ug/kg (dw)	3.8	JGD	02/09/07	
4,4-DDD			EPA 8081A	Not Detected		ug/kg (dw)	9.6	JGD	02/09/07	
4,4-DDT			EPA 8081A	Not Detected		ug/kg (dw)	8.3	JGD	02/09/07	
DIELDRIN			EPA 8081A	Not Detected	B	ug/kg (dw)	2.6	JGD	02/09/07	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/kg (dw)	6.4	JGD	02/09/07	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/kg (dw)	9.6	JGD	02/09/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/kg (dw)	10	JGD	02/09/07	
ENDRIN			EPA 8081A	Not Detected		ug/kg (dw)	9.6	JGD	02/09/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/kg (dw)	4.5	JGD	02/09/07	
HEPTACHLOR			EPA 8081A	Not Detected		ug/kg (dw)	6.4	JGD	02/09/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/kg (dw)	5.1	JGD	02/09/07	
TOXAPHENE			EPA 8081A	Not Detected		ug/kg (dw)	170	JGD	02/09/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/kg (dw)	6.4	JGD	02/09/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/kg (dw)	1.3	JGD	02/09/07	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/kg (dw)	26	JGD	02/09/07	
MIREX			EPA 8081A	Not Detected		ug/kg (dw)	4.5	JGD	02/09/07	
gamma-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	6.4	JGD	02/09/07	
alpha-CHLORDANE			EPA 8081A	Not Detected		ug/kg (dw)	6.4	JGD	02/09/07	
PCBs in Soil QC Batch 92036										
TCMX surr std			EPA8082	20.0		ug/kg	0.00	JGD	02/09/07	*12 to 24*
PCB-1016			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PCB-1221			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PCB-1232			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PCB-1242			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PCB-1248			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	

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MCL: Maximum Contaminant Level
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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCP 1254			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PC 260			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PCB-1262			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
DCB surr std			EPA8082	41.5		ug/kg	0.00	JGD	02/09/07	

COMMENTS: $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interference.

Vanadium qualitative confirmation by ICP/MS

COMMENTS: $B_8081S - EPA 8081A - "B" - Blank has one compound, Dieldrin, with a concentration above the reporting limit (2.0 ug/kg). All associated samples will be flagged with a "B" for Dieldrin. 1-021507-080

COMMENTS: $8081S - EPA 8081A - "B" - Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that may be from contamination. No detects for Dieldrin found in any samples. 1-021507-080
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $A_826BS-EPA 8260B- Amount spike for MS and MSD respectively are 55ug/Kg and 59ug/Kg.

COMMENTS: $A_8081S - EPA 8081A - Spike amount for matrix samples adjusted for moisture content. New values are: a-BHC 25.5 ug/kg, g-BHC 25.5 ug/kg, DDD 51.1 ug/kg, DDT 51.1 ug/kg, Dieldrin 51.1 ug/kg, Endosulfan 1 25.5 ug/kg, Endrin 51.1 ug/kg, Heptachlor 25.5 ug/kg, Dursban 51.1 ug/kg, Methoxychlor 255 ug/kg and Mirex 51.1 ug/kg.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007 **LAB No.** _____

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10534

File a separate Request Sheet for each sample point)

Sample ID AF60149
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10534
Collector: A. TAFT
Site

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Surficial soil sample (0.0 - 0.5 foot below ground surface)

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

1 4 OZ. JARS
4 8 OZ. JARS
1 16 OZ. JARS
4 Encores

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests: Cyanide	✓

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ **Additional Metals for TCLP:** _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):** _____

S:/rdrive/forms/request for lab analysis

RECEIVED
EPD LABORATORIES
2007 JAN 29 AM 11:03
RECEIVING LAB

TNH

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/28/07
Time Collected:	15:05
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:03 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 °C

Sample ID:	AF60149
Facility Name:	LOCKHEED ELEM SCHOOL/HW10534
Site ID:	HWMB
Location ID:	
Location Descr:	HW10534 LSS-9

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 92237										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	53		ug/kg (dw)	5.3	KD	02/07/07	*46. to 56.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	52		ug/kg (dw)	5.3	KD	02/07/07	*44 to 61.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	50		ug/kg (dw)	5.3	KD	02/07/07	*45 to 55*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	49		ug/kg (dw)	5.3	KD	02/07/07	*37 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Chloromethane	34418		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Vinyl chloride	39175		EPA 8260B	Not Detected		ug/kg (dw)	2.1	KD	02/07/07	
Bromomethane	34413		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Chloroethane	34311		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Acetone	81552		EPA 8260B	Not Detected		ug/kg (dw)	110	KD	02/07/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Iodomethane	77424		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Carbon disulfide	77041		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Methyl acetate	77032		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Methylene chloride	34423		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Vinyl acetate	77057		EPA 8260B	Not Detected		ug/kg (dw)	53	KD	02/07/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
2-Butanone	81595		EPA 8260B	Not Detected		ug/kg (dw)	110	KD	02/07/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	53	KD	02/07/07	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	53	KD	02/07/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
p,[illegible]lene	77135		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2 ⁴ Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
He .lorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	5.3	KD	02/07/07	
8270 Semi-Vol in SOIL QC Batch 92186										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	67		ug/Kg (dw)	0.00	GG	02/06/07	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	70		ug/Kg (dw)	0.00	GG	02/06/07	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	73		ug/Kg (dw)	0.00	GG	02/06/07	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	82		ug/Kg (dw)	0.00	GG	02/06/07	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	78		ug/Kg (dw)	0.00	GG	02/06/07	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	77		ug/Kg (dw)	0.00	GG	02/06/07	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Picoline	77088		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Aniline	77089		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzaldehyde			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenol	34694		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bi: 'hloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acetophenone	81553		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Isophorone	34408		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Naphthalene	34696		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Caprolactam			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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GC Mass Spec:	Steve Bryan	404-206-5260
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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
2-[illegible]ylnaphthalene	77416		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluorene	34381		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-[illegible]aniline	30342		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Dip[illegible]ylamine	77579		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenacetin	62018		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Atrazine	39033		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Pronamide	39080		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Anthracene	34220		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Carbazole	82618		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzidine	39120		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pyrene	34469		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Be[illegible]a]anthracene	34526		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Chyrsene	34320		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor	39410		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Aldrin	39330		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
Dieldrin	39380		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endrin	39390		EPA 8270C	Not Detected		ug/Kg (dw)	3000	GG	02/06/07	
Er[illegible]lfan 2	34356		EPA 8270C	Not Detected		ug/Kg (dw)	6300	GG	02/06/07	
p,p[illegible]DD	39310		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dioxane			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
QC Batch 92031										
Cyanide in Sediment	00721		9010B/9012	Not Detected		ug/kg (dw)	12000	JRA	01/31/07	
Target analyte list for solids by ICP QC Batch 92109										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	10000	PSB	02/06/07	
Aluminum	01108		6010 B	35000000		ug/kg (dw)	200000	PSB	02/06/07	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	80000	PSB	02/06/07	
Barium	01008		6010 B	Not Detected		ug/kg (dw)	200000	PSB	02/06/07	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	50000	PSB	02/06/07	
Chromium	01029		6010 B	29000		ug/kg (dw)	10000	PSB	02/06/07	
Copper	01043		6010 B	26000		ug/kg (dw)	25000	PSB	02/06/07	
Iron	01170		6010 B	50000000		ug/kg (dw)	100000	PSB	02/06/07	

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Potassium	00938		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Manganese	01053		6010 B	790000	ug/kg (dw)		15000	PSB	02/06/07	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)		40000	PSB	02/06/07	
Lead	01052		6010 B	Not Detected	ug/kg (dw)		90000	PSB	02/06/07	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		60000	PSB	02/06/07	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)		190000	PSB	02/06/07	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		200000	PSB	02/06/07	
Vanadium	01088		6010 B	160000	ug/kg (dw)		50000	PSB	02/06/07	
Zinc	01093		6010 B	30000	ug/kg (dw)		20000	PSB	02/06/07	
QC Batch 92040										
Mercury			EPA 7471A	Not Detected	ug/kg		127	HAM	02/02/07	
Pesticides in Sediment/Soil QC Batch 92035										
TCMX surr std			EPA 8081A	18.7	ug/kg (dw)		0.00	JGD	02/09/07	*9.00 to 24.0*
DCB surr std			EPA 8081A	40.9	ug/kg (dw)		0.00	JGD	02/09/07	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JGD	02/09/07	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.6	JGD	02/09/07	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.8	JGD	02/09/07	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		5.8	JGD	02/09/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.3	JGD	02/09/07	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		64	JGD	02/09/07	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		3.8	JGD	02/09/07	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)		9.6	JGD	02/09/07	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		8.3	JGD	02/09/07	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	B	2.6	JGD	02/09/07	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		6.4	JGD	02/09/07	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		9.6	JGD	02/09/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		10	JGD	02/09/07	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		9.6	JGD	02/09/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JGD	02/09/07	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		6.4	JGD	02/09/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		5.1	JGD	02/09/07	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		170	JGD	02/09/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		6.4	JGD	02/09/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.3	JGD	02/09/07	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		26	JGD	02/09/07	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JGD	02/09/07	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.4	JGD	02/09/07	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.4	JGD	02/09/07	
PCBs in Soil QC Batch 92036										
TCMX surr std			EPA8082	18.7	ug/kg		0.00	JGD	02/09/07	*12 to 24*
PCB-1016			EPA8082	Not Detected	ug/kg		42	JGD	02/09/07	
PCB-1221			EPA8082	Not Detected	ug/kg		42	JGD	02/09/07	
PCB-1232			EPA8082	Not Detected	ug/kg		42	JGD	02/09/07	
PCB-1242			EPA8082	Not Detected	ug/kg		42	JGD	02/09/07	
PCB-1248			EPA8082	Not Detected	ug/kg		42	JGD	02/09/07	

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PCB-1254			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PCB-1260			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
PCB-1262			EPA8082	Not Detected		ug/kg	42	JGD	02/09/07	
DCB surr std			EPA8082	40.9		ug/kg	0.00	JGD	02/09/07	

COMMENTS: $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interference. Vanadium qualitative confirmation by ICP/MS

COMMENTS: $8081S - EPA 8081A - "B" - Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that may be from contamination. No detects for Dieldrin found in any samples. 1-021507-080
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007 **LAB No.** _____

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10535
File a separate Request Sheet for each sample point)

Sample ID AF60150
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10535
Collector: A. TAFT
Site:

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Surficial soil sample (0.0 - 0.5 foot below ground surface)

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

1 4 OZ. JARS
4 8 OZ. JARS
1 16 OZ. JARS
4 Encores

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	✓

Cyanide

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ **Additional Metals for TCLP:** _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

RECEIVED
EPD LABORATORIES
2007 JAN 29 AM 11:03
REC'D HWMB LAB

TNH

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):** _____

Preservative Confirmed
Ph <2 _____ **>12** _____
Temp 0.0

S:/rdrive/forms/request for lab analysis

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/28/07
Time Collected:	15:30
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:03 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 ° C

Sample ID:	AF60150
Facility Name:	LOCKHEED ELEM SCHOOL/HW10535
Site ID:	HWMB
Location ID:	
Location Descr:	HW10535 LSS-17

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 92237									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	51	ug/kg (dw)	5.7	KD	02/07/07	*46. to 56.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	5.7	KD	02/07/07	*44 to 61.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	5.7	KD	02/07/07	*45 to 55*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	5.7	KD	02/07/07	*37 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.3	KD	02/07/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
Acetone	81552		EPA 8260B	Not Detected	ug/kg (dw)	110	KD	02/07/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	11	KD	02/07/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	56	KD	02/07/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	5.7	KD	02/07/07	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	110	KD	02/07/07	

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ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
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TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Br[illegible]chloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Cl[illegible]orm	32106		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	56	KD	02/07/07	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	56	KD	02/07/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
p,[illegible]lene	77135		EPA 8260B	Not Detected		ug/kg (dw)	11	KD	02/07/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2 ⁴ Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
He lorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	5.7	KD	02/07/07	
8270 Semi-Vol in SOIL QC Batch 92186										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	72		ug/Kg (dw)	0.00	GG	02/06/07	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	74		ug/Kg (dw)	0.00	GG	02/06/07	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	75		ug/Kg (dw)	0.00	GG	02/06/07	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	85		ug/Kg (dw)	0.00	GG	02/06/07	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	81		ug/Kg (dw)	0.00	GG	02/06/07	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	75		ug/Kg (dw)	0.00	GG	02/06/07	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Picoline	77088		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Aniline	77089		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzaldehyde			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenol	34694		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bi hloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acetophenone	81553		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Isophorone	34408		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Naphthalene	34696		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Caprolactam			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluorene	34381		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Phenacetin	62018		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Atrazine	39033		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
Pronamide	39080		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Anthracene	34220		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Carbazole	82618		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzidine	39120		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Pyrene	34469		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Be[illegible]a]anthracene	34526		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/Kg (dw)	2500	GG	02/06/07	
Chyrsene	34320		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor	39410		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Aldrin	39330		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/Kg (dw)	3200	GG	02/06/07	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
Dieldrin	39380		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endrin	39390		EPA 8270C	Not Detected		ug/Kg (dw)	3100	GG	02/06/07	
Er[illegible]lfan 2	34356		EPA 8270C	Not Detected		ug/Kg (dw)	6400	GG	02/06/07	
p,p[illegible]DD	39310		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/Kg (dw)	3200	GG	02/06/07	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
1,4-Dioxane			EPA 8270C	Not Detected		ug/Kg (dw)	1300	GG	02/06/07	
QC Batch 92031										
Cyanide in Sediment	00721		9010B/9012	Not Detected		ug/kg (dw)	12000	JRA	01/31/07	
Target analyte list for solids by ICP QC Batch 92109										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	10000	PSB	02/06/07	
Aluminum	01108		6010 B	21000000		ug/kg (dw)	200000	PSB	02/06/07	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	80000	PSB	02/06/07	
Barium	01008		6010 B	Not Detected		ug/kg (dw)	200000	PSB	02/06/07	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Cobalt	01038		6010 B	60000		ug/kg (dw)	50000	PSB	02/06/07	
Chromium	01029		6010 B	17000		ug/kg (dw)	10000	PSB	02/06/07	
Copper	01043		6010 B	110000		ug/kg (dw)	25000	PSB	02/06/07	
Iron	01170		6010 B	110000000		ug/kg (dw)	100000	PSB	02/06/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Manganese	01053		6010 B	1500000	ug/kg (dw)		15000	PSB	02/06/07	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)		40000	PSB	02/06/07	
Lead	01052		6010 B	Not Detected	ug/kg (dw)		90000	PSB	02/06/07	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		60000	PSB	02/06/07	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)		190000	PSB	02/06/07	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		200000	PSB	02/06/07	
Vanadium	01088		6010 B	380000	ug/kg (dw)		50000	PSB	02/06/07	
Zinc	01093		6010 B	77000	ug/kg (dw)		20000	PSB	02/06/07	
QC Batch 92040										
Mercury			EPA 7471A	Not Detected	ug/kg		125	HAM	02/02/07	
Pesticides in Sediment/Soil QC Batch 92035										
TCMX surr std			EPA 8081A	18.6	ug/kg (dw)		0.00	JGD	02/09/07	*9.00 to 24.0*
DCB surr std			EPA 8081A	41.2	ug/kg (dw)		0.00	JGD	02/09/07	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JGD	02/09/07	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.6	JGD	02/09/07	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.9	JGD	02/09/07	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		5.8	JGD	02/09/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.3	JGD	02/09/07	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		65	JGD	02/09/07	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		3.9	JGD	02/09/07	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)		9.7	JGD	02/09/07	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		8.4	JGD	02/09/07	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	B	2.6	JGD	02/09/07	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JGD	02/09/07	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		9.7	JGD	02/09/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		10	JGD	02/09/07	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		9.7	JGD	02/09/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JGD	02/09/07	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JGD	02/09/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		5.2	JGD	02/09/07	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		170	JGD	02/09/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JGD	02/09/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.3	JGD	02/09/07	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		26	JGD	02/09/07	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		4.5	JGD	02/09/07	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JGD	02/09/07	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.5	JGD	02/09/07	
PCBs in Soil QC Batch 92036										
TCMX surr std			EPA8082	18.6	ug/kg		0.00	JSM	02/09/07	*12 to 24*
DCBP surr std			EPA8082	41.2	ug/kg		0.00	JSM	02/09/07	*26 to 48*
PCB-1016			EPA8082	Not Detected	ug/kg		43	JSM	02/09/07	
PCB-1221			EPA8082	Not Detected	ug/kg		43	JSM	02/09/07	
PCB-1232			EPA8082	Not Detected	ug/kg		43	JSM	02/09/07	
PCB-1242			EPA8082	Not Detected	ug/kg		43	JSM	02/09/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1248			EPA8082	Not Detected		ug/kg	43	JSM	02/09/07	
PCB-1254			EPA8082	Not Detected		ug/kg	43	JSM	02/09/07	
PCB-1260			EPA8082	Not Detected		ug/kg	43	JSM	02/09/07	
PCB-1262			EPA8082	Not Detected		ug/kg	43	JSM	02/09/07	

COMMENTS: $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interference. Vanadium qualitative confirmation by ICP/MS

COMMENTS: $8081S - EPA 8081A - "B" - *Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that* may be from contamination. No detects for Dieldrin found in any samples. 1-021507-080
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $S_827CS - EPA 8270C - Amount spiked in matrix spike was 13000 ug/Kg.

COMMENTS: $A_8082S - EPA 8082 - Spike amount for matrix samples adjusted for moisture content. New values are: PCB 1016 647 ug/kg and PCB 1260 647 ug/kg.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007 **LAB No.** _____

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10536
File a separate Request Sheet for each sample point)

Sample ID AF60151
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10536
Collector: A. TAFT
Site:

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Surficial soil sample (0.0 - 0.5 foot below ground surface)

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

1 4 OZ. JARS
4 8 OZ. JARS
1 16 OZ. JARS
4 Encores

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests: cyanide	✓

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ **Additional Metals for TCLP:** _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):**
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):**

S:/rdrive/forms/request for lab analysis

RECEIVED EPD LABORATORIES 2007 JAN 29 AM 11:03 RECEIVED

TNH

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/28/07
Time Collected:	15:45
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:03 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 °C

Sample ID:	AF60151
Facility Name:	LOCKHEED ELEM SCHOOL/HW10536
Site ID:	HWMB
Location ID:	
Location Descr:	HW10536 LSS-BG2

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 92237									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	6.0	KD	02/07/07	*46. to 56.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	45	ug/kg (dw)	6.0	KD	02/07/07	*44 to 61.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	6.0	KD	02/07/07	*45 to 55*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	48	ug/kg (dw)	6.0	KD	02/07/07	*37 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	02/07/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.4	KD	02/07/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	02/07/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	02/07/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
Acetone	81552		EPA 8260B	Not Detected	ug/kg (dw)	120	KD	02/07/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	02/07/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	12	KD	02/07/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	60	KD	02/07/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	6.0	KD	02/07/07	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	120	KD	02/07/07	

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Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	02/07/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Benzene	34030		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/kg (dw)	12	KD	02/07/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/kg (dw)	60	KD	02/07/07	
Toluene	34010		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/kg (dw)	60	KD	02/07/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	12	KD	02/07/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Styrene	77128		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
n-Butylbenzene	77342		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	

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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
He lorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	6.0	KD	02/07/07	
8270 Semi-Vol in SOIL QC Batch 92186										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	50		ug/Kg (dw)	0.00	GG	02/06/07	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	52		ug/Kg (dw)	0.00	GG	02/06/07	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	56		ug/Kg (dw)	0.00	GG	02/06/07	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	61		ug/Kg (dw)	0.00	GG	02/06/07	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	78		ug/Kg (dw)	0.00	GG	02/06/07	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	74		ug/Kg (dw)	0.00	GG	02/06/07	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Picoline	77088		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Aniline	77089		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzaldehyde			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Phenol	34694		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Bi hloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Ace phenone	81553		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Isophorone	34408		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Naphthalene	34696		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Caprolactam			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	

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4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Fluorene	34381		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Nitroaniline	30342		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Phenacetin	62018		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Atrazine	39033		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Pronamide	39080		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Anthracene	34220		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Carbazole	82618		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzidine	39120		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pyrene	34469		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	

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Butylbenzylphthalate	34292		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Be[illegible]a]anthracene	34526		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Chyrsene	34320		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Heptachlor	39410		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Aldrin	39330		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/Kg (dw)	3000	GG	02/06/07	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Dieldrin	39380		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Endrin	39390		EPA 8270C	Not Detected		ug/Kg (dw)	2900	GG	02/06/07	
Er[illegible]lfan 2	34356		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
p,p[illegible]DD	39310		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/Kg (dw)	3000	GG	02/06/07	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,4-Dioxane			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
QC Batch 92031										
Cyanide in Sediment	00721		9010B/9012	Not Detected		ug/kg (dw)	11000	JRA	01/31/07	
Target analyte list for solids by ICP QC Batch 92109										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	10000	PSB	02/06/07	
Aluminum	01108		6010 B	9100000		ug/kg (dw)	200000	PSB	02/06/07	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	80000	PSB	02/06/07	
Barium	01008		6010 B	Not Detected		ug/kg (dw)	200000	PSB	02/06/07	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	50000	PSB	02/06/07	
Chromium	01029		6010 B	62000		ug/kg (dw)	10000	PSB	02/06/07	
Copper	01043		6010 B	61000		ug/kg (dw)	25000	PSB	02/06/07	
Iron	01170		6010 B	59000000		ug/kg (dw)	100000	PSB	02/06/07	

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parts per billion
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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Potassium	00938		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Manganese	01053		6010 B	970000	ug/kg (dw)		15000	PSB	02/06/07	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)		40000	PSB	02/06/07	
Lead	01052		6010 B	Not Detected	ug/kg (dw)		90000	PSB	02/06/07	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		60000	PSB	02/06/07	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)		190000	PSB	02/06/07	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		200000	PSB	02/06/07	
Vanadium	01088		6010 B	140000	ug/kg (dw)		50000	PSB	02/06/07	
Zinc	01093		6010 B	24000	ug/kg (dw)		20000	PSB	02/06/07	
QC Batch 92040										
Mercury			EPA 7471A	Not Detected	ug/kg		121	HAM	02/02/07	
Pesticides in Sediment/Soil QC Batch 92035										
TCMX surr std			EPA 8081A	18.7	ug/kg (dw)		0.00	JGD	02/09/07	*9.00 to 24.0*
DCB surr std			EPA 8081A	36.3	ug/kg (dw)		0.00	JGD	02/09/07	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		4.3	JGD	02/09/07	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.4	JGD	02/09/07	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.6	JGD	02/09/07	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		5.5	JGD	02/09/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.2	JGD	02/09/07	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		61	JGD	02/09/07	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		3.6	JGD	02/09/07	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)		9.1	JGD	02/09/07	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		7.9	JGD	02/09/07	
DIELDRIN			EPA 8081A	Not Detected	ug/kg (dw)	B	2.4	JGD	02/09/07	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		9.1	JGD	02/09/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		9.7	JGD	02/09/07	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		9.1	JGD	02/09/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		4.3	JGD	02/09/07	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		4.9	JGD	02/09/07	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		160	JGD	02/09/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.2	JGD	02/09/07	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		24	JGD	02/09/07	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		4.3	JGD	02/09/07	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
PCBs in Soil QC Batch 92036										
TCMX surr std			EPA8082	18.7	ug/kg		0.00	JGD	02/09/07	*12 to 24*
PCB-1016			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	
PCB-1221			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	
PCB-1232			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	
PCB-1242			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	
PCB-1248			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1254			EPA8082	Not Detected		ug/kg	40	JGD	02/09/07	
PCB-1260			EPA8082	Not Detected		ug/kg	40	JGD	02/09/07	
PCB-1262			EPA8082	Not Detected		ug/kg	40	JGD	02/09/07	
DCB surr std			EPA8082	36.3		ug/kg	0.00	JGD	02/09/07	

COMMENTS: $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interference. Vanadium qualitative confirmation by ICP/MS

COMMENTS: $8081S - EPA 8081A - "B" - Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that may be from contamination. No detects found for Dieldrin found in any samples. 1-021507-080
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007 **LAB No.** _____

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10537

File a separate Request Sheet for each sample point)

Sample ID AF60152
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10537
Collector: A. TAFT
Site:

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water		Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Surficial soil sample (0.0 - 0.5 foot below ground surface)

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

1 4 OZ. JARS
4 8 OZ. JARS
1 16 OZ. JARS
4 Encores

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests: cyanide	✓

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ **Additional Metals for TCLP:** _____
Mercury _____

5. *ADDITIONAL ANALYSIS REQUESTED (see list on back):* _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):** _____

S:/rdrive/forms/request for lab analysis

RECEIVED
LABORATORIES
2007 JAN 29 AM 11:04
RE... LAB

TNH

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/28/07
Time Collected:	16:11
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:04 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 °C

Sample ID:	AF60152
Facility Name:	LOCKHEED ELEM SCHOOL/HW10537
Site ID:	HWMB
Location ID:	
Location Descr:	HW10537 LSS-14

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B in Soil QC Batch 92237									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	54	ug/kg (dw)	5.2	KD	02/07/07	*46. to 56.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	50	ug/kg (dw)	5.2	KD	02/07/07	*44 to 61.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	49	ug/kg (dw)	5.2	KD	02/07/07	*45 to 55*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	46	ug/kg (dw)	5.2	KD	02/07/07	*37 to 52.5*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/kg (dw)	2.1	KD	02/07/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Acetone	81552		EPA 8260B	470	ug/kg (dw)	100	KD	02/07/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/kg (dw)	52	KD	02/07/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
2-Butanone	81595		EPA 8260B	Not Detected	ug/kg (dw)	100	KD	02/07/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	52	KD	02/07/07	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	52	KD	02/07/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	10	KD	02/07/07	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw)	5.2	KD	02/07/07	

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	02/07/07	
He lorobutadiene	38702		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	02/07/07	
Naphthalene	34696		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	02/07/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected		ug/kg (dw)	5.2	KD	02/07/07	
Hexanal			EPA 8260B	100	TIE	ug/kg (dw)		KD	02/07/07	
8270 Semi-Vol in SOIL QC Batch 92186										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	74		ug/Kg (dw)	0.00	GG	02/06/07	*26 to 101*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	75		ug/Kg (dw)	0.00	GG	02/06/07	*27 to 105*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	75		ug/Kg (dw)	0.00	GG	02/06/07	*25 to 104*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	87		ug/Kg (dw)	0.00	GG	02/06/07	*34 to 111*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	84		ug/Kg (dw)	0.00	GG	02/06/07	*33 to 112*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	73		ug/Kg (dw)	0.00	GG	02/06/07	*55 to 114*
Pyridine	77045		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Picoline	77088		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Aniline	77089		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzaldehyde			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Phenol	34694		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-M ylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Acetophenone	81553		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Methylphenol			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachloroethane	34396		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Nitrobenzene	34447		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Isophorone	34408		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzoic Acid	77247		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Naphthalene	34696		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Caprolactam			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	

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N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-[illegible]o-3-Methylphenol	34452		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,1'-Biphenyl			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Acenaphthylene	34200		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Acenaphthene	34205		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Dibenzofuran	81302		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Diethylphthalate	34336		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Fluorene	34381		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-[illegible]ophenyl-Phenylether	34641		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-N[illegible]oaniline	30342		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Diphenylamine	77579		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Phenacetin	62018		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Atrazine	39033		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Pronamide	39080		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Phenanthrene	34461		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Anthracene	34220		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Carbazole	82618		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Fluoranthene	34376		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzidine	39120		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Pyrene	34469		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	

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p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Bu nzylphthalate	34292		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected		ug/Kg (dw)	2300	GG	02/06/07	
Chyrsene	34320		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Alpha-BHC	39337		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Gamma-BHC	39340		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Beta-BHC	39338		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Delta-BHC	34259		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Heptachlor	39410		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Aldrin	39330		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected		ug/Kg (dw)	3000	GG	02/06/07	
Endosulfan 1	34361		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
Dieldrin	39380		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
p,p'-DDE	39320		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Er	39390		EPA 8270C	Not Detected		ug/Kg (dw)	2900	GG	02/06/07	
En ulfan 2	34356		EPA 8270C	Not Detected		ug/Kg (dw)	5900	GG	02/06/07	
p,p'-DDD	39310		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected		ug/Kg (dw)	3000	GG	02/06/07	
p,p'-DDT	39300		EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
1,4-Dioxane			EPA 8270C	Not Detected		ug/Kg (dw)	1200	GG	02/06/07	
QC Batch 92031										
Cyanide in Sediment	00721		9010B/9012	Not Detected		ug/kg (dw)	11000	JRA	01/31/07	
Target analyte list for solids by ICP QC Batch 92109										
Silver	01078		6010 B	Not Detected		ug/kg (dw)	10000	PSB	02/06/07	
Aluminum	01108		6010 B	17000000		ug/kg (dw)	200000	PSB	02/06/07	
Arsenic	01003		6010 B	Not Detected		ug/kg (dw)	80000	PSB	02/06/07	
Barium	01008		6010 B	Not Detected		ug/kg (dw)	200000	PSB	02/06/07	
Beryllium	01013		6010 B	Not Detected		ug/kg (dw)	5000	PSB	02/06/07	
Calcium	00917		6010 B	Not Detected		ug/kg (dw)	5000000	PSB	02/06/07	
Cadmium	01028		6010 B	Not Detected		ug/kg (dw)	50000	PSB	02/06/07	
Cobalt	01038		6010 B	Not Detected		ug/kg (dw)	50000	PSB	02/06/07	
Chromium	01029		6010 B	56000		ug/kg (dw)	10000	PSB	02/06/07	
Copper	01043		6010 B	76000		ug/kg (dw)	25000	PSB	02/06/07	

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Iron	01170		6010 B	64000000	ug/kg (dw)		100000	PSB	02/06/07	
Pc um	00938		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Magnesium	00924		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Manganese	01053		6010 B	1300000	ug/kg (dw)		15000	PSB	02/06/07	
Sodium	00934		6010 B	Not Detected	ug/kg (dw)		5000000	PSB	02/06/07	
Nickel	01068		6010 B	Not Detected	ug/kg (dw)		40000	PSB	02/06/07	
Lead	01052		6010 B	Not Detected	ug/kg (dw)		90000	PSB	02/06/07	
Antimony	01098		6010 B	Not Detected	ug/kg (dw)		60000	PSB	02/06/07	
Selenium	01148		6010 B	Not Detected	ug/kg (dw)		190000	PSB	02/06/07	
Thallium	34480		6010 B	Not Detected	ug/kg (dw)		200000	PSB	02/06/07	
Vanadium	01088		6010 B	190000	ug/kg (dw)		50000	PSB	02/06/07	
Zinc	01093		6010 B	42000	ug/kg (dw)		20000	PSB	02/06/07	
QC Batch 92040										
Mercury			EPA 7471A	Not Detected	ug/kg		120	HAM	02/02/07	
Pesticides in Sediment/Soil QC Batch 92035										
TCMX surr std			EPA 8081A	20.9	ug/kg (dw)		0.00	JGD	02/09/07	*9.00 to 24.0*
DCB surr std			EPA 8081A	40.4	ug/kg (dw)		0.00	JGD	02/09/07	*22.0 to 48.0*
ALDRIN			EPA 8081A	Not Detected	ug/kg (dw)		4.2	JGD	02/09/07	
a-BHC			EPA 8081A	Not Detected	ug/kg (dw)		2.4	JGD	02/09/07	
b-BHC			EPA 8081A	Not Detected	ug/kg (dw)		3.6	JGD	02/09/07	
d-BHC			EPA 8081A	Not Detected	ug/kg (dw)		5.4	JGD	02/09/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/kg (dw)		1.2	JGD	02/09/07	
CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		61	JGD	02/09/07	
4,4-DDE			EPA 8081A	Not Detected	ug/kg (dw)		3.6	JGD	02/09/07	
4,4-DDD			EPA 8081A	Not Detected	ug/kg (dw)		9.1	JGD	02/09/07	
4,4-DDT			EPA 8081A	Not Detected	ug/kg (dw)		7.9	JGD	02/09/07	
DI RIN			EPA 8081A	Not Detected	ug/kg (dw)	B	2.4	JGD	02/09/07	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/kg (dw)		9.1	JGD	02/09/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/kg (dw)		9.7	JGD	02/09/07	
ENDRIN			EPA 8081A	Not Detected	ug/kg (dw)		9.1	JGD	02/09/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/kg (dw)		4.2	JGD	02/09/07	
HEPTACHLOR			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/kg (dw)		4.8	JGD	02/09/07	
TOXAPHENE			EPA 8081A	Not Detected	ug/kg (dw)		160	JGD	02/09/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/kg (dw)		1.2	JGD	02/09/07	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/kg (dw)		24	JGD	02/09/07	
MIREX			EPA 8081A	Not Detected	ug/kg (dw)		4.2	JGD	02/09/07	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/kg (dw)		6.1	JGD	02/09/07	
PCBs in Soil QC Batch 92036										
TCMX surr std			EPA8082	20.9	ug/kg		0.00	JGD	02/09/07	*12 to 24*
PCB-1016			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	
PCB-1221			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	
PCB-1232			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	
PCB-1242			EPA8082	Not Detected	ug/kg		40	JGD	02/09/07	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCR-1248			EPA8082	Not Detected	ug/kg	40	JGD	02/09/07	
PC :54			EPA8082	Not Detected	ug/kg	40	JGD	02/09/07	
PCB-1260			EPA8082	Not Detected	ug/kg	40	JGD	02/09/07	
PCB-1262			EPA8082	Not Detected	ug/kg	40	JGD	02/09/07	
DCB surr std			EPA8082	40.4	ug/kg	0.00	JGD	02/09/07	

COMMENTS: $TAL_S-6010B: ICP Metals - All reporting limits raised due to elevated levels of target analytes and matrix interferenc.
Vanadium qualitative confirmation by ICP/MS

COMMENTS: $8081S - EPA 8081A - "B" - Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that *may be from contamination. No detects for Dieldrin found in any samples.1-021507-080*
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

COMMENTS: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007

Date Submitted To Lab: 01/29/2007

LAB No.

HWMB LOG NUMBER: HW10538

File a separate Request Sheet for each sample point)

Sample ID AF60153
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10538 BK
Collector: EPD LABORATORY
Site:

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste		Soil/Sediment	✓	Sludge	
Ground Water		Surface Water	✓	Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g. rinse blank, specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Trip Blank (soil sample trip blank)

Applicable Hazardous Waste Codes (if known) ____

Special Precautions: ____

HALF GALLONS/CYANIDE
NUTRIENTS/SULFATES
ECOL BOTTLES
METAL BOTTLES
AMBER BOTTLES
1 VOC VIALS Blank
SULFIDES/PHENOLS
OIL AND GREASE

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could result)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	
Volatiles	✓
Pesticides	
Herbicides	
Organophosphorous Pesticides	
PCB	
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	
Mercury	
Metals Special Requests:	

Organics Special Requests: ____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: ____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: ____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

RECEIVED
EPD LABORATORIES
2007 JAN 29 AM 11:04
MERCURY LAB

TNH

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): ____
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): ____

Preservative Confirmed
Ph <2 ____ >12 ____
Temp 0.0

S:/rdrive/forms/request for lab analysis

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	12/28/06
Time Collected:	0:00
Sample Collector:	EPD LABORATO
Chlorination:	
Sample Type:	T
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:04 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 °C

Sample ID:	AF60153
Facility Name:	LOCKHEED ELEM SCHOOL/HW10538 BK
Site ID:	HWMB
Location ID:	
Location Descr:	HW10538 TRIP BLANK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 92158										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*48 to 57.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	02/02/07	*47.5 to 57.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*45.5 to 55.5*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	49	ug/L		5	VK	02/02/07	*44 to 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L		2	VK	02/02/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Acetone	81552		EPA 8260B	Not Detected	ug/L		100	VK	02/02/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Acrylonitrile			EPA 8260B	Not Detected	ug/L		200	VK	02/02/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L		50	VK	02/02/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	

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mg/kg: milligrams/kilogram
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parts per billion
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Laboratory Contacts:

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Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	02/02/07	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	02/02/07	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	02/02/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	02/02/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
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ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
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VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/L	5	VK	02/02/07	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/L	5	VK	02/02/07	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L	5	VK	02/02/07	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L	5	VK	02/02/07	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L	5	VK	02/02/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L	5	VK	02/02/07	

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mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
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GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/~~28~~ 29/2007 A.T. **LAB No.** _____

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10539

File a separate Request Sheet for each sample point)

Sample ID AF60154
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW 10539
Collector: A. TAFT
Site:

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste		Soil/Sediment		Sludge	
Ground Water		Surface Water	✓	Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

Rinsate equipment blank

— 4 OZ. JARS
— 8 OZ. JARS
— 16 OZ. JARS
TH 1-29-07

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓
Volatiles	✓
Pesticides	✓
Herbicides	
Organophosphorous Pesticides	
PCB	✓
BETX	
Total Petroleum Hydrocarbon	

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	✓

1 HALF ~~GALLONS~~ Cyanide/CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
1 METAL BOTTLES
6 AMBER BOTTLES
3 VOC VIALS
SULFIDES, PHENOLS
OIL AND GREASE

3. TCLP ORGANICS

Volatiles _____ Pesticides _____
Semi-Volatiles (Acid & Base/Neutral) _____ Herbicides _____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ Additional Metals for TCLP: _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

RECEIVED
LABORATORIES
2007 JAN 29 AM 11:04

TNH

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): _____
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): _____

S:/rdrive/forms/request for lab analysis

Preservative Confirmed
Ph <2 net >12 CN
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	01/29/07
Time Collected:	10:15
Sample Collector:	A. TAFT
Chlorination:	
Sample Type:	
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:04 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 ° C

Sample ID:	AF60154
Facility Name:	LOCKHEED ELEM SCHOOL/HW10539
Site ID:	HWMB
Location ID:	
Location Descr:	HW10539 EQUIP BLANK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 92158										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*48 to 57.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	51	ug/L		5	VK	02/02/07	*47.5 to 57.5*
Tol[illegible]ne-d8(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*45.5 to 55.5*
B[illegible]fluorobenzene(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*44 to 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L		2	VK	02/02/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Acetone	81552		EPA 8260B	Not Detected	ug/L		100	VK	02/02/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Acrylonitrile			EPA 8260B	Not Detected	ug/L		200	VK	02/02/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L		50	VK	02/02/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	02/02/07	
Bromochloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	02/02/07	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	02/02/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Ethylbenzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
p,m-Xylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	02/02/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	

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n-B[illegible]lbenzene	77342		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,[illegible] romo-3-chloropropane			EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
8270 Semi-Vol in Water QC Batch 92173										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	39	ug/L		10	JZ	02/05/07	*10 to 76*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	39	ug/L		10	JZ	02/05/07	*12 to 84*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	49	ug/L		10	JZ	02/05/07	*29 to 77*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	52	ug/L		10	JZ	02/05/07	*28 to 76*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	43	ug/L		10	JZ	02/05/07	*20 to 107*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	70	ug/L		10	JZ	02/05/07	*10 to 100*
Pyridine	77045		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2-Picoline	77088		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Aniline	77089		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzaldehyde			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Phenol	34694		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
1,[illegible] hlorobenzene	34536		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2-Methylphenol			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Acetophenone	81553		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4-Methylphenol			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Isophorone	34408		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Naphthalene	34696		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	

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Caprolactam			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
N- so-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Fl ne	34381		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Phenacetin	62018		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Atrazine	39033		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
Pronamide	39080		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Anthracene	34220		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Carbazole	82618		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Fluoranthene	34376		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzidine	39120		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	

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Pyrene	34469		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
p-[illegible]thylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Chyrsene	34320		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Heptachlor	39410		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Aldrin	39330		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/L	J	25	JZ	02/05/07	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
Dieldrin	39380		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
p,[illegible]E	39320		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
End[illegible]	39390		EPA 8270C	Not Detected	ug/L	J	20	JZ	02/05/07	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/L	J	50	JZ	02/05/07	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/L	J	25	JZ	02/05/07	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
1,4-Dioxane			EPA 8270C	Not Detected	ug/L	J	10	JZ	02/05/07	
QC Batch 92030										
Total Cyanide	00720		EPA 335.4	Not Detected	ug/L		20	JRA	01/31/07	
Target analyte list Metals\ICPMS QC Batch 92152										
Beryllium 9	01012		EPA 6020	Not Detected	ug/L		5	SAM	02/06/07	
Vanadium 51	01087		EPA 6020	Not Detected	ug/L		50	SAM	02/06/07	
Chromium 52	01034		EPA 6020	Not Detected	ug/L		10	SAM	02/06/07	
Cobalt 59	01037		EPA 6020	Not Detected	ug/L		50	SAM	02/06/07	
Nickel 60	01067		EPA 6020	Not Detected	ug/L		40	SAM	02/06/07	
Copper 65	01042		EPA 6020	Not Detected	ug/L		25	SAM	02/06/07	
Zinc 68	01092		EPA 6020	Not Detected	ug/L		20	SAM	02/06/07	
Arsenic 75	01002		EPA 6020	Not Detected	ug/L		10	SAM	02/06/07	
Selenium 82	01147		EPA 6020	Not Detected	ug/L		5	SAM	02/06/07	

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[illegible] parts per billion
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MCL: Maximum Contaminant Level
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Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
Silver 107	01077		EPA 6020	Not Detected	ug/L	10	SAM	02/06/07	
Cadmium 111	01027		EPA 6020	Not Detected	ug/L	5	SAM	02/06/07	
Antimony 121	01097		EPA 6020	Not Detected	ug/L	60	SAM	02/06/07	
Barium 137	01007		EPA 6020	Not Detected	ug/L	200	SAM	02/06/07	
Thallium 205	01059		EPA 6020	Not Detected	ug/L	10	SAM	02/06/07	
Lead 207	01051		EPA 6020	Not Detected	ug/L	3	SAM	02/06/07	
ICP TAL Metals in Water QC Batch 92108									
Aluminum	01105		EPA 6010B	Not Detected	ug/L	200	PSB	02/06/07	
Calcium	00916		EPA 6010B	Not Detected	ug/L	5000	PSB	02/06/07	
Iron	01045		EPA 6010B	Not Detected	ug/L	100	PSB	02/06/07	
Potassium	00937		EPA 6010B	Not Detected	ug/L	5000	PSB	02/06/07	
Magnesium	00927		EPA 6010B	Not Detected	ug/L	5000	PSB	02/06/07	
Manganese	01055		EPA 6010B	Not Detected	ug/L	15	PSB	02/06/07	
Sodium	00929		EPA 6010B	Not Detected	ug/L	5000	PSB	02/06/07	
QC Batch 92087									
Mercury	71900		EPA 7470A	Not Detected	ug/L	0.2	HAM	02/01/07	
Pesticides in Water QC Batch 92021									
TCMX surr std			EPA 8081A	0.379	ug/L		JSM	02/01/07	*0.160 to 0.480*
DCB surr std			EPA 8081A	0.583	ug/L		JSM	02/01/07	*0.320 to 1.16*
a-BHC			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
b-BHC			EPA 8081A	Not Detected	ug/L	0.06	JSM	02/01/07	
d-BHC			EPA 8081A	Not Detected	ug/L	0.15	JSM	02/01/07	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
CHLORDANE			EPA 8081A	Not Detected	ug/L	2.0	JSM	02/01/07	
4,4-DDD			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
4,4-DDE			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
4,4-DDT			EPA 8081A	Not Detected	ug/L	0.06	JSM	02/01/07	
DIELDRIN			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
ENDRIN			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
HEPTACHLOR			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
TOXAPHENE			EPA 8081A	Not Detected	ug/L	3.0	JSM	02/01/07	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/L	0.20	JSM	02/01/07	
MIREX			EPA 8081A	Not Detected	ug/L	0.30	JSM	02/01/07	
ALDRIN			EPA 8081A	Not Detected	ug/L	0.05	JSM	02/01/07	
gamma-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
alpha-CHLORDANE			EPA 8081A	Not Detected	ug/L	0.10	JSM	02/01/07	
PCBs in Water QC Batch 92023									
TCMX surr std			EPA 8082	0.379	ug/L		JSM	02/01/07	*0.200 to 0.480*
DCB surr std			EPA 8082	0.583	ug/L		JSM	02/01/07	*0.520 to 1.00*

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCP 1016			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	
P(221			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	
PCB-1232			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	
PCB-1242			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	
PCB-1248			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	
PCB-1254			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	
PCB-1260			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	
PCB-1262			EPA 8082	Not Detected	ug/L	1.0	JSM	02/01/07	

COMMENTS: $8082H - EPA 8082 - Not enough sample for MS/MSD analysis. 1-013107-048

COMMENTS: $B_827CW - EPA 8270C - "B" - Blank has one compound, Bis(2-Ethylhexyl)phthalate with a concentration above the reporting limit (13ug/L). All associated samples with positive results for Bis(2-Ethylhexyl)phthalate will be flagged with a "B" indicating result may be from contamination.. 7-020507-25

COMMENTS: $IS827CW - EPA 8270C: CCV data file 020507S4 was overwritten on 2/6/07 accidentally. Electronic data is not available, only hard copies are available. Data was manually input into LabWorks. 7-020507-25.

COMMENTS: $LR827CW - EPA 8270C - "J" - Estimated values, all results flagged with "J" are considered estimated values. LCS had three compounds, N-Nitro-di-n-propylamine (44% recovery, limits 47-93%), Acenaphthene (47% recovery, limits 49-85%), 2,4-Dinitrotoluene (57% recovery, limits 58-102%) with recoveries outside acceptable control limits. 7-020507-25.

COMMENTS: $LDR827CW - EPA 8270C - LCSD had three compounds, N-Nitro-di-n-propylamine (44% recovery, limits 47-93%), Acenaphthene (47% recovery, limits 49-85%), 2,4-Dinitrotoluene (54% recovery, limits 58-102%) with recoveries outside acceptable control limits. 7-020507-25.

COMMENTS: $827CW - EPA 8270C - "J" - Estimated values, all results flagged with "J" are considered estimated values. LCS had three compounds, N-Nitro-di-n-propylamine (44% recovery, limits 47-93%), Acenaphthene (47% recovery, limits 49-85%), 2,4-Dinitrotoluene (57% recovery, limits 58-102%) with recoveries outside acceptable control limits. 7-020507-25.

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Facility Name/Location: Lockheed Elementary School

Sample Collected By/Phone: Andrew Taft (404) 656-2833

Collection Date: 01/28/2007 **LAB No.** _____

Date Submitted To Lab: 01/29/2007

HWMB LOG NUMBER: HW10543

File a separate Request Sheet for each sample point)

Sample ID AF60155
Location: HWMB
Description: LOCKHEED ELEM SCHOOL/HW10543 BK
Collector: EPD LABORATORY
Site:

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste		Soil/Sediment		Sludge	
Ground Water		Surface Water	✓	Drinking Water Well	

Concentration of Organics Requested (estimated): High ___ Low ___ Other (e.g. trace blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Trip Blank (for equipment rinsate blank-Coles)

Applicable Hazardous Waste Codes (if known) _____

Special Precautions:

HALF GALLONS/CYANIDE
NUTRIENTS/SULFATES
FCOL BOTTLES
METAL BOTTLES
AMBER BOTTLES
1 VOC VIALS Blank
SULFIDES/PHENOLS
OIL AND GREASE

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	
Volatiles	✓
Pesticides	
Herbicides	
Organophosphorous Pesticides	
PCB	
BETX	
Total Petroleum Hydrocarbon	

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	
Mercury	
Metals Special Requests:	

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) _____ Additional Metals for TCLP: _____
Mercury _____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ **Date:** _____ **Reviewed By (EPD Lab):** _____
Approved By:(HWMB): _____ **Date:** _____ **Date (EPD Lab):**

S:/rdrive/forms/request for lab analysis

RECEIVED
EPD LABORATORIES
2007 JAN 29 AM 11:04
RECEIVING LAB

TNH

Preservative Confirmed
Ph <2 _____ >12 _____
Temp 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Date Collected:	12/28/06
Time Collected:	0:00
Sample Collector:	EPD LABORATO
Chlorination:	
Sample Type:	T
Received By:	TNH
Date Received:	01/29/07
Time Received:	11:04 AM
Project:	HW
Reporting Date:	03/01/07
Received Temperature:	0.0 °C

Sample ID:	AF60155
Facility Name:	LOCKHEED ELEM SCHOOL/HW10543 BK
Site ID:	HWMB
Location ID:	
Location Descr:	HW10543 TRIP BLANK

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
EPA 8260B IN WATER QC Batch 92158										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*48 to 57.5*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*47.5 to 57.5*
Toluene-d8(Surrogate QC Std.)			EPA 8260B	50	ug/L		5	VK	02/02/07	*45.5 to 55.5*
Br luorobenzene(Surrogate QC Std.)			EPA 8260B	49	ug/L		5	VK	02/02/07	*44 to 54*
Dichlorodifluoromethane	34668		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Chloromethane	34418		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Vinyl chloride	39175		EPA 8260B	Not Detected	ug/L		2	VK	02/02/07	
Bromomethane	34413		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Chloroethane	34311		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Trichlorofluoromethane	34488		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,1-Dichloroethene	34501		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Acetone	81552		EPA 8260B	Not Detected	ug/L		100	VK	02/02/07	
1,1,2-Trichlorotrifluoroethane	81611		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Iodomethane	77424		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Carbon disulfide	77041		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Methyl acetate	77032		EPA 8260B	Not Detected	ug/L		10	VK	02/02/07	
Methylene chloride	34423		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
trans-1,2-Dichloroethene	34546		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Acrylonitrile			EPA 8260B	Not Detected	ug/L		200	VK	02/02/07	
Methyl tert-butyl ether	46491		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,1-Dichloroethane	34496		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Vinyl acetate	77057		EPA 8260B	Not Detected	ug/L		50	VK	02/02/07	
2,2-Dichloropropane	77170		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
cis-1,2-Dichloroethene	77093		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Butanone	81595		EPA 8260B	Not Detected		ug/L	100	VK	02/02/07	
Br :hloromethane	77297		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Chloroform	32106		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Cyclohexane	81570		EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
Carbon tetrachloride	32102		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Benzene	34030		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Trichloroethene	39180		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Methylcyclohexane			EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Dibromomethane	77596		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromodichloromethane	32101		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected		ug/L	50	VK	02/02/07	
Toluene	34010		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Tetrachloroethene	34475		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
2-Hexanone	77103		EPA 8260B	Not Detected		ug/L	50	VK	02/02/07	
Dibromochloromethane	32105		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Chlorobenzene	34301		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Eth enzene	34371		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
p,r ylene	77135		EPA 8260B	Not Detected		ug/L	10	VK	02/02/07	
o-Xylene	77135		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Styrene	77128		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromoform	32104		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Isopropylbenzene	77223		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
Bromobenzene	81555		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
trans-1,4-Dichloro-2-butene			EPA 8260B	Not Detected		ug/L	100	VK	02/02/07	
N-Propylbenzene	77224		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
2-Chlorotoluene	77275		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
4-Chlorotoluene	77277		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
tert-Butylbenzene	77353		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
sec-Butylbenzene	77350		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	
1,2-Dichlorobenzene	34536		EPA 8260B	Not Detected		ug/L	5	VK	02/02/07	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,[illegible]omo-3-chloropropane			EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
Naphthalene	34696		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/L		5	VK	02/02/07	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
[illegible]m: parts per million
[illegible] parts per billion
[illegible]g/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

QA/QC BA CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60147
Location Code: HWMB
Date Collected: 1/28/2007 12:58:00 PM
Date Received: 1/29/2007 11:03:00 AM

QA/QC Batch Name: $826BS-92238
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10532

Samples in Batch #: 92238
AF60146 AF60147

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg (dw)	Amount Spiked ug/kg	MS Result ug/Kg (dw)	MS Dup Result ug/Kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg (dw)	LCS Dup Result ug/Kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$826BS 1,1,1,2-Tetrachloroethane	ND	<5						51			
$826BS 1,1,1-Trichloroethane	ND	<5						52			
$826BS 1,1,2,2-Tetrachloroethane	ND	<5						53			
$826BS 1,1,2-Trichloroethane	ND	<5						51			
$826BS 1,1,2-Trichlorotrifluoroethane	ND	<10						49			
$826BS 1,1-Dichloroethane	ND	<5						52			
$826BS 1,1-Dichloroethene	ND	<5	50	51	59	6.3	65	51	46	10	102
$826BS 1,1-Dichloropropene	ND	<5						51			
$826BS 1,2,3-Trichlorobenzene	ND	<5						52			
$826BS 1,2,3-Trichloropropane	ND	<5						53			
$826BS 1,2,4-Trichlorobenzene	ND	<5						52			
$826BS 1,2,4-Trimethylbenzene	ND	<5						53			
$826BS 1,2-Dibromo-3-chloropropane	ND	<5						53			
$826BS 1,2-Dibromoethane	ND	<5						52			
$826BS 1,2-Dichlorobenzene	ND	<5						51			
$826BS 1,2-Dichloroethane	ND	<5						53			
$826BS 1,2-Dichloroethane-d4(Surrogate QC Std.)	49	49		49				50			
$826BS 1,2-Dichloropropane	ND	<5						51			
$826BS 1,3,5-Trimethylbenzene	ND	<5						54			
$826BS 1,3-Dichlorobenzene	ND	<5						53			
$826BS 1,3-Dichloropropane	ND	<5						52			
$826BS 1,4-Dichlorobenzene	ND	<5						51			
$826BS 2,2-Dichloropropane	ND	<5						53			
$826BS 2-Butanone	ND	<100						56			
$826BS 2-Chlorotoluene	ND	<5						53			
$826BS 2-Hexanone	ND	<50						55			
$826BS 4-Chlorotoluene	ND	<5						54			
$826BS 4-Methyl-2-pentanone	ND	<50						54			
$826BS Acetone	ND	<100						53			
$826BS Acrylonitrile		<200									
$826BS Benzene	ND	<5	50	71	80	3.9	91	50	46	8.3	100
$826BS Bromobenzene	ND	<5						52			
$826BS Bromochloromethane	ND	<5						51			
$826BS Bromodichloromethane	ND	<5						52			
$826BS Bromofluorobenzene(Surrogate QC Std.)	49	47		48				51			

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg (dw)	Amount Spiked ug/kg	MS Result ug/Kg (dw)	MS Dup Result ug/Kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg (dw)	LCS Dup Result ug/Kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$826BS Bromoform	ND	<5						52			
$826BS Bromomethane	ND	<10						53			
$826BS Carbon disulfide	ND	<5						50			
$826BS Carbon tetrachloride	ND	<5						52			
$826BS Chlorobenzene	ND	<5	50	82	92	3.0	100	51	48	6.1	102
$826BS Chloroethane	ND	<10						51			
$826BS Chloroform	ND	<5						52			
$826BS Chloromethane	ND	<10						52			
$826BS cis-1,2-Dichloroethene	ND	<5						52			
$826BS cis-1,3-Dichloropropene	ND	<5						52			
$826BS Cyclohexane	ND	<10						51			
$826BS Dibromochloromethane	ND	<5						51			
$826BS Dibromofluoromethane(Surrogate QC Std.)	51	49		50				50			
$826BS Dibromomethane	ND	<5						52			
$826BS Dichlorodifluoromethane	ND	<5						54			
$826BS Ethylbenzene	ND	<5						52			
$826BS Hexachlorobutadiene	ND	<5						52			
$826BS Iodomethane	ND	<5						51			
$826BS Isopropylbenzene	ND	<5						53			
$826BS Methyl acetate	ND	<10						54			
$826BS Methyl tert-butyl ether	ND	<5						52			
$826BS Methylcyclohexane	ND	<10						51			
$826BS Methylene chloride	ND	<5						48			
$826BS Naphthalene	ND	<5						52			
$826BS n-Butylbenzene	ND	<5						53			
$826BS N-Propylbenzene	ND	<5						54			
$826BS o-Xylene	ND	<5						52			
$826BS p,m-Xylene	ND	<10						100			
$826BS p-Isopropyltoluene	ND	<5						52			
$826BS sec-Butylbenzene	ND	<5						54			
$826BS Styrene	ND	<5						53			
$826BS tert-Butylbenzene	ND	<5						54			
$826BS Tetrachloroethene	ND	<5						51			
$826BS Toluene	ND	<5	50	78	88	3.5	100	53	48	9.9	106
$826BS Toluene-d8(Surrogate QC Std.)	49	49		48				51			
$826BS trans-1,2-Dichloroethene	ND	<5						52			
$826BS trans-1,3-Dichloropropene	ND	<5						52			
$826BS trans-1,4-Dichloro-2-butene		<100									
$826BS Trichloroethene	ND	<5	50	72	81	4.5	92	52	47	10	104
$826BS Trichlorofluoromethane	ND	<5						53			

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/Kg (dw)	Amount Spiked ug/kg	MS Result ug/Kg (dw)	MS Dup Result ug/Kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg (dw)	LCS Dup Result ug/Kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$826BS Vinyl acetate	ND	<50						**U*61**			
$826BS Vinyl chloride	ND	<2						53			

Comments: $A_826BS-EPA 8260B- Amount spiked for MS and MSD respectively are 78ug/Kg and 85ug/Kg

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60150
Location Code: HWMB
Date Collected: 01/28/07 3:30:00 PM
Date Received: 01/29/07 11:03:00 AM

QA/QC Batch Name: $827CS-92186
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10535

Samples in Batch #: 92186

AF60146	AF60147	AF60148	AF60149
AF60150	AF60151	AF60152	

Analysis/Analyte	Result ug/Kg (dw)	Method Blank ug/Kg (dw)	Amount Spiked ug/Kg (dw)	MS Result ug/Kg (dw)	MS Dup Result ug/Kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg (dw)	LCS Dup Result ug/Kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS 1,1'-Biphenyl	ND	<660									
$827CS 1,2,4,5-Tetrachlorobenzene	ND	<660									
$827CS 1,2,4-Trichlorobenzene	ND	<660	10000	6100	5600	8.5	47	5400	5800	7.1	54
$827CS 1,2-Dichlorobenzene	ND	<660									
$827CS 1,2-Diphenylhydrazine	ND	<660									
$827CS 1,3-Dichlorobenzene	ND	<660									
$827CS 1,4-Dichlorobenzene	ND	<660	10000	5400	5200	3.8	42	5000	5200	3.9	50
$827CS 1,4-Dioxane	ND	<660									
$827CS 1-Chloronaphthalene	ND	<660									
$827CS 1-Naphthylamine	ND	<660									
$827CS 2,3,4,6-Tetrachlorophenol	ND	<660									
$827CS 2,4,5-Trichlorophenol	ND	<660									
$827CS 2,4,6-Tribromophenol(Surrogate QC Std.)	81	76	10000	9000	12000	29	69	8000	8300	3.7	80
$827CS 2,4,6-Trichlorophenol	ND	<660									
$827CS 2,4-Dichlorophenol	ND	<660									
$827CS 2,4-Dimethylphenol	ND	<660									
$827CS 2,4-Dinitrophenol	ND	<3300									
$827CS 2,4-Dinitrotoluene	ND	<660	10000	8500	12000	34	65	7300	7600	4.0	73
$827CS 2,6-Dichlorophenol	ND	<660									
$827CS 2,6-Dinitrotoluene	ND	<660									
$827CS 2-Chloronaphthalene	ND	<660									
$827CS 2-Chlorophenol	ND	<660	10000	6600	5900	11	51	5400	5700	5.4	54
$827CS 2-Fluorobiphenyl(Surrogate QC Std.)	85	78	10000	8200	8300	1.2	63	7100	7300	2.8	71
$827CS 2-Fluorophenol(Surrogate QC Std.)	72	62	10000	6800	6300	7.6	52	5900	6200	5.0	59
$827CS 2-Methylnaphthalene	ND	<660									
$827CS 2-Methylphenol	ND	<660									
$827CS 2-Naphthylamine	ND	<660									
$827CS 2-Nitroaniline	ND	<3300									
$827CS 2-Nitrophenol	ND	<660									
$827CS 2-Picoline	ND	<660									
$827CS 3,3'-Dichlorobenzidine	ND	<1300									
$827CS 3-Methylcholanthrene	ND	<660									
$827CS 3-Nitroaniline	ND	<3300									
$827CS 4,6-Dinitro-2-Methylphenol	ND	<3300									
$827CS 4-Aminobiphenyl	ND	<660									

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/Kg (dw)	Method Blank ug/Kg (dw)	Amount Spiked ug/Kg (dw)	MS Result ug/Kg (dw)	MS Dup Result ug/Kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg (dw)	LCS Dup Result ug/Kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS 4-Bromophenyl-phenylether	ND	<660									
$827CS 4-Chloro-3-Methylphenol	ND	<1300	10000	7100	8600	19	55	5600	6100	8.5	56
$827CS 4-Chloroaniline	ND	<1300									
$827CS 4-Chlorophenyl-Phenylether	ND	<660									
$827CS 4-Methylphenol	ND	<660									
$827CS 4-Nitroaniline	ND	<1300									
$827CS 4-Nitrophenol	ND	<3300	10000	9100	12000	27	70	7600	7800	2.6	76
$827CS 7,12-Dimethylbenz(a)anthracen	ND	<660									
$827CS aa-Dimethyl-Phenethylamine	ND	<660									
$827CS Acenaphthene	ND	<660	10000	7600	8300	8.8	58	6400	6700	4.6	64
$827CS Acenaphthylene	ND	<660									
$827CS Acetophenone	ND	<660									
$827CS Aldrin	ND	<660									
$827CS Alpha-BHC	ND	<660									
$827CS Aniline	ND	<660									
$827CS Anthracene	ND	<660									
$827CS Atrazine	ND	<660									
$827CS Benzaldehyde	ND	<660									
$827CS Benzidine	ND	<660									
$827CS Benzo[a]anthracene	ND	<660									
$827CS Benzo[a]pyrene	ND	<660									
$827CS Benzo[b]fluoranthene	ND	<660									
$827CS Benzo[g,h,i]perylene	ND	<660									
$827CS Benzo[k]fluoranthene	ND	<660									
$827CS Benzoic Acid	ND	<3300									
$827CS Benzyl Alcohol	ND	<1300									
$827CS Beta-BHC	ND	<660									
$827CS Bis(2-Chloroethoxy)methane	ND	<660									
$827CS bis(2-Chloroethyl)ether	ND	<660									
$827CS Bis(2-Chloroisopropyl)ether	ND	<660									
$827CS Bis(2-Ethylhexyl)phthalate	ND	<660									
$827CS Butylbenzylphthalate	ND	<660									
$827CS Caprolactam	ND	<660									
$827CS Carbazole	ND	<660									
$827CS Chyrsene	ND	<660									
$827CS Delta-BHC	ND	<660									
$827CS Dibenz(a,j)acridine	ND	<660									
$827CS Dibenz[a,h]anthracene	ND	<660									
$827CS Dibenzofuran	ND	<660									
$827CS Dieldrin	ND	<660									

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/Kg (dw)	Method Blank ug/Kg (dw)	Amount Spiked ug/Kg (dw)	MS Result ug/Kg (dw)	MS Dup Result ug/Kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg (dw)	LCS Dup Result ug/Kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS Diethylphthalate	ND	<660									
$827CS Dimethylphthalate	ND	<660									
$827CS Di-n-Butylphthalate	ND	<660									
$827CS Di-n-octylphthalate	ND	<660									
$827CS Diphenylamine	ND	<660									
$827CS Endosulfan 1	ND	<3300									
$827CS Endosulfan 2	ND	<3300									
$827CS Endosulfan Sulfate	ND	<1800									
$827CS Endrin	ND	<1300									
$827CS Endrin Aldehyde	ND	<660									
$827CS Ethylmethanesulfonate	ND	<1300									
$827CS Fluoranthene	ND	<660									
$827CS Fluorene	ND	<660									
$827CS Gamma-BHC	ND	<660									
$827CS Heptachlor	ND	<660									
$827CS Heptachlor Epoxide	ND	<1800									
$827CS Hexachlorobenzene	ND	<660									
$827CS Hexachlorobutadiene	ND	<660									
$827CS Hexachlorocyclopentadiene	ND	<660									
$827CS Hexachloroethane	ND	<660									
$827CS Indeno[1,2,3-cd]pyrene	ND	<660									
$827CS Isophorone	ND	<660									
$827CS Methylmethanesulfonate	ND	<660									
$827CS Naphthalene	ND	<660									
$827CS Nitrobenzene	ND	<660									
$827CS Nitrobenzene-d5(Surrogate QC Std.)	75	65	10000	7200	6700	7.2	55	6000	6600	9.5	60
$827CS n-Nitrosodimethylamine	ND	<660									
$827CS N-Nitroso-di-n-butylamine	ND	<660									
$827CS N-Nitroso-di-n-propylamine	ND	<660	10000	6600	6200	6.2	51	5500	5700	3.6	55
$827CS N-Nitrosodiphenylamine	ND	<660									
$827CS N-Nitrosopiperidine	ND	<1300									
$827CS p,p'-DDD	ND	<660									
$827CS p,p'-DDE	ND	<660									
$827CS p,p'-DDT	ND	<660									
$827CS p-Dimethylaminoazobenzene	ND	<660									
$827CS Pentachlorobenzene	ND	<660									
$827CS Pentachloronitrobenzene	ND	<1300									
$827CS Pentachlorophenol	ND	<3300	10000	8300	11000	28	64	7700	8100	5.1	77
$827CS Phenacetin	ND	<660									
$827CS Phenanthrene	ND	<660									

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/Kg (dw)	Method Blank ug/Kg (dw)	Amount Spiked ug/Kg (dw)	MS Result ug/Kg (dw)	MS Dup Result ug/Kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/Kg (dw)	LCS Dup Result ug/Kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$827CS Phenol	ND	<660	10000	6700	6300	6.2	52	5400	5900	8.8	54
$827CS Phenol-d5(Surrogate QC Std.)	74	65	10000	7300	7000	4.2	56	6100	6500	6.3	61
$827CS Pronamide	ND	<660									
$827CS Pyrene	ND	<660	10000	7300	11000	40	56	6300	6600	4.7	63
$827CS Pyridine	ND	<660									
$827CS Terphenyl-d14(Surrogate QC Std.)	75	73	10000	8200	12000	38	63	7300	7600	4.0	73

Comments: $S_827CS - EPA 8270C - Amount spiked in matrix spike was 13000 ug/Kg.

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60146
Location Code: HWMB
Date Collected: 1/28/2007 12:22:00 PM
Date Received: 1/29/2007 11:03:00 AM

QA/QC Batch Name: CNTALS-92031
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10531

Samples in Batch #: 92031

AF60008	AF60146	AF60147	AF60148
AF60149	AF60150	AF60151	AF60152

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
CNTALS	ND	<9000	20000	23800	23000	3.42	89.5	19000	18800	1.06	95.000

Comments: CNTALS - SW846 -9010B/9012A -Cyanide matrix spike amount 26600 ug/kg (dw).

QA/QC BA CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60146
Location Code: HWMB
Date Collected: 1/28/2007 12:22:00 PM
Date Received: 1/29/2007 11:03:00 AM

QA/QC Batch Name: $TAL_S-92109
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10531

Samples in Batch #: 92109

AF60146	AF60147	AF60148	AF60149
AF60150	AF60151	AF60152	

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/Kg	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$TAL_S Aluminum	8500000	<20000	100000	12000000	12000000	0.00	**U*3500**	100000	101000	0.995	100
$TAL_S Antimony	ND	<6000	50000	29200	29100	0.343	**L*58.4**	50800	50300	0.989	102
$TAL_S Arsenic	ND	<8000	50000	50000	49400	1.21	100	51100	51100	0.00	102
$TAL_S Barium	150000	<20000	50000	213000	213000	0.00	**U*126**	49700	50400	1.40	99.4
$TAL_S Beryllium	ND	<500	50000	49500	49900	0.805	99.0	49100	49400	0.609	98.2
$TAL_S Cadmium	ND	<500	50000	50400	50600	0.396	101	50800	50800	0.00	102
$TAL_S Calcium	2000000	<500000	2500000	4530000	4500000	0.664	101	2400000	2390000	0.418	96.0
$TAL_S Chromium	17000	<1000	50000	84400	81000	4.11	**U*135**	51600	51800	0.387	103
$TAL_S Cobalt	ND	<5000	50000	54000	54400	0.738	108	51200	51400	0.390	102
$TAL_S Copper	9300	<2500	50000	60600	61500	1.47	103	50400	51000	1.18	101
$TAL_S Iron	10000000	<10000	100000	17000000	15000000	12.5	**U*7000**	103000	106000	2.87	103
$TAL_S Lead	22000	<9000	50000	74100	75000	1.21	104	49900	49300	1.21	99.8
$TAL_S Magnesium	ND	<500000	2500000	3030000	3040000	0.329	121	2520000	2520000	0.00	101
$TAL_S Manganese	1300000	<1500	50000	1430000	1420000	0.702	**U*260**	50400	50600	0.396	101
$TAL_S Nickel	4500	<4000	50000	56400	56600	0.354	104	51200	50900	0.588	102
$TAL_S Potassium	ND	<500000	2500000	2860000	2910000	1.73	114	2470000	2480000	0.404	98.8
$TAL_S Selenium	ND	<19000	50000	56400	55600	1.43	113	52800	51600	2.30	106
$TAL_S Silver	ND	<1000	10000	9270	9360	0.966	92.7	9970	10000	0.300	99.7
$TAL_S Sodium	ND	<500000	2500000	2480000	2520000	1.60	99.2	2500000	2520000	0.797	100
$TAL_S Thallium	ND	<20000	50000	41300	43200	4.50	82.6	52000	51800	0.385	104
$TAL_S Vanadium	25000	<5000	50000	87300	85400	2.20	125	50800	51100	0.589	102
$TAL_S Zinc	30000	<2000	50000	84400	84700	0.355	109	50900	50500	0.789	102

Comments: $R_TAL_S-6010B: ICP Metals - Matrix Spike had four analytes, Aluminum (3500% recovery, limits 75-125%), Barium (126% recovery, limits 75-125%), Manganese (260% recovery, limits 75-125%) and Iron (7000% recovery, limits 75-125%) with a percent recovery outside acceptable control limits due to high concentration of target analytes in sample. Matrix spike had two analytes, Chromium (135% recovery, limits 75-125%), and Antimony (58.4% recovery, limits 75-125%), with percent recovery outside acceptable control limits due to matrix interference. LCS results acceptable for all analytes. 2-020607-036

Comments: Vanadium qualitative confirmation by ICP/MS

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60146
Location Code: HWMB
Date Collected: 01/28/07 12:22:00 PM
Date Received: 01/29/07 11:03:00 AM

QA/QC Batch Name: HGTALS-92040
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10531

Samples in Batch #: 92040

AF60146	AF60147	AF60148	AF60149
AF60150	AF60151	AF60152	

Analysis/Analyte	Result ug/kg	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg(dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
HGTALS	ND	<100	400	508	510	0.393	103	393	394	0.254	98.2

Comments: R_HGTALS:- MS result calculated using 492ug/kg as spike concentration.

CALIBRATION VALIDATION

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60146
Location Code: HWMB
Date Collected: 01/28/07 12:22:00 PM
Date Received: 01/29/07 11:03:00 AM

QA/QC Batch Name: HGTALS-92040
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10531

Samples in Batch #: 92040

AF60146	AF60147	AF60148	AF60149
AF60150	AF60151	AF60152	

Analysis/Analyte	IA	IS	IR	CA	C1	R1	R2	R3	R4	R5	CP
	ug/kg (dw)	ug/kg (dw)	%	ug/kg (dw)	ug/kg (dw)	%	%	%			% RPD
HGTALS	400	393	98.2	400	398	99.5	99.5	101			0.00

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60148
Location Code: HWMB
Date Collected: 01/28/07 2:50:00 PM
Date Received: 01/29/07 11:03:00 AM

QA/QC Batch Name: $8081S-92035
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10533

Samples in Batch #: 92035

AF60146	AF60147	AF60148	AF60149
AF60150	AF60151	AF60152	

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8081S 4,4-DDD	ND	<7.5	40.0	41.8	45.7	8.91	81.8	31.6	33.8	6.73	79.0
$8081S 4,4-DDE	ND	<3.0		ND	ND	ND		ND	ND		
$8081S 4,4-DDT	ND	<6.5	40.0	44.6	48.5	8.38	87.3	35.5	37.0	4.14	88.8
$8081S a-BHC	ND	<2.0	20.0	19.0	18.9	0.528	74.5	15.0	15.0		75.0
$8081S ALDRIN	ND	<3.5		ND	ND	ND		ND	ND		
$8081S alpha-CHLORDANE	ND	<5.0		ND	ND	ND		ND	ND		
$8081S b-BHC	ND	<3.0		ND	ND	ND		ND	ND		
$8081S CHLORDANE	ND	<50		ND	ND	ND		ND	ND		
$8081S CHLORPYRIFOS (DURSBAN)	ND	<5.0	40.0	41.1	45.0	9.06	80.4	32.8	33.1	0.910	82.0
$8081S d-BHC	ND	<4.5		ND	ND	ND		ND	ND		
$8081S DCB surr std	41.5	37.5	40.0	33.3	35.6			35.1	35.6	1.41	87.8
$8081S DIELDRIN	ND	4.1	40.0	42.3	44.6	5.29	82.8	35.2	34.8	1.14	88.0
$8081S ENDOSULFAN I	ND	<5.0	20.0	20.1	22.3	10.4	78.8	17.6	15.9	10.1	88.0
$8081S ENDOSULFAN II	ND	<7.5		ND	ND	ND		ND	ND		
$8081S ENDOSULFAN SULFATE	ND	<8.0		ND	ND	ND		ND	ND		
$8081S ENDRIN	ND	<7.5	40.0	41.0	42.9	4.53	80.2	31.0	33.8	8.64	77.5
$8081S ENDRIN ALDEHYDE	ND	<3.5		ND	ND	ND		ND	ND		
$8081S gamma-CHLORDANE	ND	<5.0		ND	ND	ND		ND	ND		
$8081S HEPTACHLOR	ND	<5.0	20.0	21.8	22.5	3.16	85.5	16.0	15.6	2.53	80.0
$8081S HEPTACHLOR EPOXIDE	ND	<4.0		ND	ND	ND		ND	ND		
$8081S HEXACHLOROBENZENE	ND	<1.0		ND	ND	ND		ND	ND		
$8081S LINDANE (g-BHC)	ND	<1.0	20.0	19.2	20.4	6.06	75.3	15.2	15.7	3.24	76.0
$8081S METHOXYCHLOR	ND	<20	200	231	251	8.30	90.6	178	184	3.31	89.0
$8081S MIREX	ND	<3.5	40.0	40.5	39.5	2.50	79.3	30.8	30.3	1.64	77.0
$8081S TCMX surr std	20.0	15.1	20.0	15.0	14.9			15.8	14.7	7.21	79.0
$8081S TOXAPHENE	ND	<130		ND	ND	ND		ND	ND		

Comments: $B_8081S - EPA 8081A - "B" - Blank has one compound, Dieldrin, with a concentration above the reporting limit (2.0 ug/kg). All associated samples will be flagged with a "B" for Dieldrin. 1-021507-080

Comments: $8081S - EPA 8081A - "B" - Blank contamination, all compounds flagged with a "B" have positive concentrations in the blank that may be from contamination. No detects for Dieldrin found in any samples. 1-021507-080
$8081S - EPA 8081A - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

Comments: $A_8081S - EPA 8081A - Spike amount for matrix samples adjusted for moisture content. New values are: a-BHC 25.5 ug/kg, g-BHC 25.5 ug/kg, DDD 51.1 ug/kg, DDT 51.1 ug/kg, Dieldrin 51.1 ug/kg, Endosulfan 1 25.5 ug/kg, Endrin 51.1 ug/kg, Heptachlor 25.5 ug/kg, Dursban 51.1 ug/kg, Methoxychlor 255 ug/kg and Mirex 51.1 ug/kg.

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60150
Location Code: HWMB
Date Collected: 01/28/07 3:30:00 PM
Date Received: 01/29/07 11:03:00 AM

QA/QC Batch Name: $8082S-92036
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10535

Samples in Batch #: 92036

AF60146	AF60147	AF60148	AF60149
AF60150	AF60151	AF60152	

Analysis/Analyte	Result ug/kg	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8082S DCBP surr std	41.2	37.5	40.0	40.6	42.6			36.7	35.4		91.8
$8082S PCB-1016	ND	<33	500	598	549	8.54	92.4	377	359	4.89	75.4
$8082S PCB-1221	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1232	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1242	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1248	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1254	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S PCB-1260	ND	<33	500	737	867	16.2	114	485	458	5.73	96.9
$8082S PCB-1262	ND	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND
$8082S TCMX surr std	18.6	15.1	20.0	17.3	18.5			16.9	12.6		84.5

Comments: $8082S - EPA 8082 - Reporting Limits elevated due to high concentrations of target and/or non-target compounds in sample.

Comments: $A_8082S - EPA 8082 - Spike amount for matrix samples adjusted for moisture content. New values are: PCB 1016 647 ug/kg and PCB 1260 647 ug/kg.

QA/QC BA . CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: $826BW-92158
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92158
AF60153 AF60154 AF60155

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result %	LCS Dup Precision RPD	LCS Recovery %
$826BW 1,1,1,2-Tetrachloroethane	ND	<5						50			
$826BW 1,1,1-Trichloroethane	ND	<5						51			
$826BW 1,1,2,2-Tetrachloroethane	ND	<5						46			
$826BW 1,1,2-Trichloroethane	ND	<5						49			
$826BW 1,1,2-Trichlorotrifluoroethane	ND	<10						51			
$826BW 1,1-Dichloroethane	ND	<5						51			
$826BW 1,1-Dichloroethene	ND	<5	50	52	51	1.94	104	51	51	0.00	102
$826BW 1,1-Dichloropropene	ND	<5						51			
$826BW 1,2,3-Trichlorobenzene	ND	<5						47			
$826BW 1,2,3-Trichloropropane	ND	<5						45			
$826BW 1,2,4-Trichlorobenzene	ND	<5						48			
$826BW 1,2,4-Trimethylbenzene	ND	<5						49			
$826BW 1,2-Dibromo-3-chloropropane	ND	<5						47			
$826BW 1,2-Dibromoethane	ND	<5						49			
$826BW 1,2-Dichlorobenzene	ND	<5						49			
$826BW 1,2-Dichloroethane	ND	<5						50			
$826BW 1,2-Dichloroethane-d4(Surrogate QC Std.)	51	50		50	50			50			
$826BW 1,2-Dichloropropane	ND	<5						50			
$826BW 1,3,5-Trimethylbenzene	ND	<5						49			
$826BW 1,3-Dichlorobenzene	ND	<5						49			
$826BW 1,3-Dichloropropane	ND	<5						49			
$826BW 1,4-Dichlorobenzene	ND	<5						50			
$826BW 2,2-Dichloropropane	ND	<5						51			
$826BW 2-Butanone	ND	<100						46			
$826BW 2-Chlorotoluene	ND	<5						49			
$826BW 2-Hexanone	ND	<50						47			
$826BW 4-Chlorotoluene	ND	<5						50			
$826BW 4-Methyl-2-pentanone	ND	<50						47			
$826BW Acetone	ND	<100						53			
$826BW Acrylonitrile	ND	<200						380			
$826BW Benzene	ND	<5	50	58	58	0.00	116	50	50	0.00	100
$826BW Bromobenzene	ND	<5						50			
$826BW Bromochloromethane	ND	<5						51			
$826BW Bromodichloromethane	ND	<5						49			
$826BW Bromofluorobenzene(Surrogate QC Std.)	50	49		49	49			50			

QA/QC BA . CH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result %	LCS Dup Precision RPD	LCS Recovery %
$826BW Bromoform	ND	<5						47			
$826BW Bromomethane	ND	<10						54			
$826BW Carbon disulfide	ND	<5						53			
$826BW Carbon tetrachloride	ND	<5						51			
$826BW Chlorobenzene	ND	<5	50	59	59	0.00	118	49	49	0.00	98.0
$826BW Chloroethane	ND	<10						53			
$826BW Chloroform	ND	<5						50			
$826BW Chloromethane	ND	<10						48			
$826BW cis-1,2-Dichloroethene	ND	<5						50			
$826BW cis-1,3-Dichloropropene	ND	<5						50			
$826BW Cyclohexane	ND	<10						52			
$826BW Dibromochloromethane	ND	<5						50			
$826BW Dibromofluoromethane(Surrogate QC Std.)	50	49		50	50			50			
$826BW Dibromomethane	ND	<5						48			
$826BW Dichlorodifluoromethane	ND	<5						48			
$826BW Ethylbenzene	ND	<5						49			
$826BW Hexachlorobutadiene	ND	<5						49			
$826BW Iodomethane	ND	<5						54			
$826BW Isopropylbenzene	ND	<5						49			
$826BW Methyl acetate	ND	<10						46			
$826BW Methyl tert-butyl ether	ND	<5						49			
$826BW Methylcyclohexane	ND	<10						50			
$826BW Methylene chloride	ND	<5						50			
$826BW Naphthalene	ND	<5						46			
$826BW n-Butylbenzene	ND	<5						51			
$826BW N-Propylbenzene	ND	<5						49			
$826BW o-Xylene	ND	<5						49			
$826BW p,m-Xylene	ND	<10						97			
$826BW p-Isopropyltoluene	ND	<5						51			
$826BW sec-Butylbenzene	ND	<5						49			
$826BW Styrene	ND	<5						49			
$826BW tert-Butylbenzene	ND	<5						49			
$826BW Tetrachloroethene	ND	<5						49			
$826BW Toluene	ND	<5	50	59	59	0.00	118	49	49	0.00	98.0
$826BW Toluene-d8(Surrogate QC Std.)	50	50		50	50			51			
$826BW trans-1,2-Dichloroethene	ND	<5						51			
$826BW trans-1,3-Dichloropropene	ND	<5						50			
$826BW trans-1,4-Dichloro-2-butene	ND	<100						47			
$826BW Trichloroethene	ND	<5	50	58	58	0.00	116	49	50	2.02	98.0
$826BW Trichlorofluoromethane	ND	<5						51			

QA/QC BA . CH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result %	LCS Dup Precision RPD	LCS Recovery %
$826BW Vinyl acetate	ND	<50						51			
$826BW Vinyl chloride	ND	<2						50			

QA/QC BA CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: $827CW-92173
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92173
AF60154

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result %	LCS Dup Precision RPD	LCS Recovery %
$827CW 1,1'-Biphenyl	ND	<10									
$827CW 1,2,4,5-Tetrachlorobenzene	ND	<10									
$827CW 1,2,4-Trichlorobenzene	ND	<10	100	41	48	16	41	44	44	0.0	44
$827CW 1,2-Dichlorobenzene	ND	<10									
$827CW 1,2-Diphenylhydrazine	ND	<10									
$827CW 1,3-Dichlorobenzene	ND	<10									
$827CW 1,4-Dichlorobenzene	ND	<10	100	37	45	20	37	42	41	2.4	42
$827CW 1,4-Dioxane	ND	<10									
$827CW 1-Chloronaphthalene	ND	<10									
$827CW 1-Naphthylamine	ND	<10									
$827CW 2,3,4,6-Tetrachlorophenol	ND	<10									
$827CW 2,4,5-Trichlorophenol	ND	<10									
$827CW 2,4,6-Tribromophenol(Surrogate QC Std.)	43	60	100	67	72	7.2	67	62	56	10	62
$827CW 2,4,6-Trichlorophenol	ND	<10									
$827CW 2,4-Dichlorophenol	ND	<10									
$827CW 2,4-Dimethylphenol	ND	<10									
$827CW 2,4-Dinitrophenol	ND	<50									
$827CW 2,4-Dinitrotoluene	ND	<10	100	57	63	10	57	57	54	5.4	**L*57**
$827CW 2,6-Dichlorophenol	ND	<10									
$827CW 2,6-Dinitrotoluene	ND	<10									
$827CW 2-Chloronaphthalene	ND	<10									
$827CW 2-Chlorophenol	ND	<10	100	45	49	8.5	45	48	47	2.1	48
$827CW 2-Fluorobiphenyl(Surrogate QC Std.)	52	61	100	50	59	17	50	53	53	0.0	53
$827CW 2-Fluorophenol(Surrogate QC Std.)	39	55	100	43	47	8.9	43	49	46	6.3	49
$827CW 2-Methylnaphthalene	ND	<10									
$827CW 2-Methylphenol	ND	<10									
$827CW 2-Naphthylamine	ND	<10									
$827CW 2-Nitroaniline	ND	<50									
$827CW 2-Nitrophenol	ND	<10									
$827CW 2-Picoline	ND	<10									
$827CW 3,3'-Dichlorobenzidine	ND	<20									
$827CW 3-Methylcholanthrene	ND	<10									
$827CW 3-Nitroaniline	ND	<50									
$827CW 4,6-Dinitro-2-Methylphenol	ND	<50									
$827CW 4-Aminobiphenyl	ND	<20									

QA/QC BA . CH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result %	LCS Dup Precision RPD	LCS Recovery %
$827CW 4-Bromophenyl-phenylether	ND	<10									
$827CW 4-Chloro-3-Methylphenol	ND	<20	100	43	49	13	43	45	45	0.0	45
$827CW 4-Chloroaniline	ND	<20									
$827CW 4-Chlorophenyl-Phenylether	ND	<10									
$827CW 4-Methylphenol	ND	<10									
$827CW 4-Nitroaniline	ND	<20									
$827CW 4-Nitrophenol	ND	<50	100	51	56	9.3	51	48	46	4.3	48
$827CW 7,12-Dimethylbenz(a)anthracen	ND	<10									
$827CW aa-Dimethyl-Phenethylamine	ND	<10									
$827CW Acenaphthene	ND	<10	100	45	53	16	45	47	47	0.0	**L*47**
$827CW Acenaphthylene	ND	<10									
$827CW Acetophenone	ND	<10									
$827CW Aldrin	ND	<10									
$827CW Alpha-BHC	ND	<10									
$827CW Aniline	ND	<10									
$827CW Anthracene	ND	<10									
$827CW Atrazine	ND	<10									
$827CW Benzaldehyde	ND	<10									
$827CW Benzidine	ND	<10									
$827CW Benzo[a]anthracene	ND	<10									
$827CW Benzo[a]pyrene	ND	<10									
$827CW Benzo[b]fluoranthene	ND	<10									
$827CW Benzo[g,h,i]perylene	ND	<10									
$827CW Benzo[k]fluoranthene	ND	<10									
$827CW Benzoic Acid	ND	<50									
$827CW Benzyl Alcohol	ND	<20									
$827CW Beta-BHC	ND	<10									
$827CW Bis(2-Chloroethoxy)methane	ND	<10									
$827CW bis(2-Chloroethyl)ether	ND	<10									
$827CW Bis(2-Chloroisopropyl)ether	ND	<10									
$827CW Bis(2-Ethylhexyl)phthalate	ND	13									
$827CW Butylbenzylphthalate	ND	<10									
$827CW Caprolactam	ND	<10									
$827CW Carbazole	ND	<10									
$827CW Chyrsene	ND	<10									
$827CW Delta-BHC	ND	<10									
$827CW Dibenz(a,j)acridine	ND	<10									
$827CW Dibenz[a,h]anthracene	ND	<10									
$827CW Dibenzofuran	ND	<10									
$827CW Dieldrin	ND	<10									

QA/QC BA . CH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result %	LCS Dup Precision RPD	LCS Recovery %
$827CW Diethylphthalate	ND	<10									
$827CW Dimethylphthalate	ND	<10									
$827CW Di-n-Butylphthalate	ND	<10									
$827CW Di-n-octylphthalate	ND	<10									
$827CW Diphenylamine	ND	<10									
$827CW Endosulfan 1	ND	<50									
$827CW Endosulfan 2	ND	<50									
$827CW Endosulfan Sulfate	ND	<25									
$827CW Endrin	ND	<20									
$827CW Endrin Aldehyde	ND	<10									
$827CW Ethylmethanesulfonate	ND	<20									
$827CW Fluoranthene	ND	<10									
$827CW Fluorene	ND	<10									
$827CW Gamma-BHC	ND	<10									
$827CW Heptachlor	ND	<10									
$827CW Heptachlor Epoxide	ND	<25									
$827CW Hexachlorobenzene	ND	<10									
$827CW Hexachlorobutadiene	ND	<10									
$827CW Hexachlorocyclopentadiene	ND	<10									
$827CW Hexachloroethane	ND	<10									
$827CW Indeno[1,2,3-cd]pyrene	ND	<10									
$827CW Isophorone	ND	<10									
$827CW Methylmethanesulfonate	ND	<10									
$827CW Naphthalene	ND	<10									
$827CW Nitrobenzene	ND	<10									
$827CW Nitrobenzene-d5(Surrogate QC Std.)	49	60	100	48	55	14	48	54	53	1.9	54
$827CW n-Nitrosodimethylamine	ND	<10									
$827CW N-Nitroso-di-n-butylamine	ND	<10									
$827CW N-Nitroso-di-n-propylamine	ND	<10	100	41	49	18	41	44	44	0.0	L*44
$827CW N-Nitrosodiphenylamine	ND	<10									
$827CW N-Nitrosopiperidine	ND	<20									
$827CW p,p'-DDD	ND	<10									
$827CW p,p'-DDE	ND	<10									
$827CW p,p'-DDT	ND	<10									
$827CW p-Dimethylaminoazobenzene	ND	<10									
$827CW Pentachlorobenzene	ND	<10									
$827CW Pentachloronitrobenzene	ND	<20									
$827CW Pentachlorophenol	ND	<50	100	47	55	16	47	47	41	14	47
$827CW Phenacetin	ND	<20									
$827CW Phenanthrene	ND	<10									

QA/QC BA . CH REPORT

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result %	LCS Dup Precision RPD	LCS Recovery %
$827CW Phenol	ND	<10	100	43	49	13	43	45	45	0.0	45
$827CW Phenol-d5(Surrogate QC Std.)	39	58	100	45	53	16	45	49	49	0.0	49
$827CW Pronamide	ND	<10									
$827CW Pyrene	ND	<10	100	69	81	16	69	74	70	5.6	74
$827CW Pyridine	ND	<10									
$827CW Terphenyl-d14(Surrogate QC Std.)	70	84	100	82	94	14	82	84	82	2.4	84

Comments: $B_827CW - EPA 8270C - "B" - Blank has one compound, Bis(2-Ethylhexyl)phthalate with a concentration above the reporting limit (13ug/L). All associated samples with positive results for Bis(2-Ethylhexyl)phthalate will be flagged with a "B" indicating result may be from contamination.. 7-020507-25

Comments: $IS827CW - EPA 8270C: CCV data file 020507S4 was overwritten on 2/6/07 accidentally. Electronic data is not available, only hard copies are available. Data was manually input into LabWorks. 7-020507-25.

Comments: $LR827CW - EPA 8270C - "J" - Estimated values, all results flagged with "J" are considered estimated values. LCS had three compounds, N-Nitro-di-n-propylamine (44% recovery, limits 47-93%), Acenaphthene (47% recovery, limits 49-85%), 2,4-Dinitrotoluene (57% recovery, limits 58-102%) with recoveries outside acceptable control limits. 7-020507-25.

Comments: $LDR827CW - EPA 8270C - LCSD had three compounds, N-Nitro-di-n-propylamine (44% recovery, limits 47-93%), Acenaphthene (47% recovery, limits 49-85%), 2,4-Dinitrotoluene (54% recovery, limits 58-102%) with recoveries outside acceptable control limits. 7-020507-25.

Comments: $827CW - EPA 8270C - "J" - Estimated values, all results flagged with "J" are considered estimated values. LCS had three compounds, N-Nitro-di-n-propylamine (44% recovery, limits 47-93%), Acenaphthene (47% recovery, limits 49-85%), 2,4-Dinitrotoluene (57% recovery, limits 58-102%) with recoveries outside acceptable control limits. 7-020507-25.

QA/QC BA . CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: CNTAL-92030
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92030
AF60154

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
CNTAL	ND	<20	400	381	388	1.82	95.2	385	386	0.259	96.2

QA/QC BA CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: $IMSTL-92152
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92152
AF60154

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$IMSTL Antimony 121	ND	<60	500	487	488	0.205	97.4	468	467	0.214	93.6
$IMSTL Arsenic 75	ND	<10	500	488	476	2.49	97.6	456	465	1.95	91.2
$IMSTL Barium 137	ND	<200	500	479	477	0.418	95.8	452	458	1.32	90.4
$IMSTL Beryllium 9	ND	<5	500	497	491	1.21	99.4	481	500	3.87	96.2
$IMSTL Cadmium 111	ND	<5	500	486	490	0.820	97.2	468	475	1.48	93.6
$IMSTL Chromium 52	ND	<10	500	484	510	5.23	96.8	457	457	0.00	91.4
$IMSTL Cobalt 59	ND	<50	500	456	477	4.50	91.2	436	441	1.14	87.2
$IMSTL Copper 65	ND	<25	500	461	471	2.15	92.2	439	444	1.13	87.8
$IMSTL Lead 207	ND	<3	500	438	439	0.228	87.6	426	422	0.943	85.2
$IMSTL Nickel 60	ND	<40	500	460	480	4.26	92.0	434	442	1.83	86.8
$IMSTL Selenium 82	ND	<5	500	516	505	2.15	103	487	487	0.00	97.4
$IMSTL Silver 107	ND	<10	100	94.9	94.4	0.528	94.9	91.5	91.8	0.327	91.5
$IMSTL Thallium 205	ND	<10	500	528	546	3.35	106	516	529	2.49	103
$IMSTL Vanadium 51	ND	<50	500	508	531	4.43	102	480	477	0.627	96.0
$IMSTL Zinc 68	ND	<20	500	490	491	0.204	98.0	462	468	1.29	92.4

QA/QC BA . CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: $TAL_L-92108
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92108
AF60154

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$TAL_L Aluminum	ND	<200	1000	1120	1130	0.889	112	1040	1020	1.94	104
$TAL_L Calcium	ND	<5000	25000	25300	25300	0.00	101	25000	25300	1.19	100
$TAL_L Iron	ND	<100	1000	1060	1060	0.00	106	1050	1060	0.948	105
$TAL_L Magnesium	ND	<5000	25000	24900	24800	0.402	99.6	24900	25100	0.800	99.6
$TAL_L Manganese	ND	<15	500	533	533	0.00	107	529	534	0.941	106
$TAL_L Potassium	ND	<5000	25000	23800	23400	1.69	95.2	23500	23800	1.27	94.0
$TAL_L Sodium	ND	<5000	25000	26100	25900	0.769	104	25600	26000	1.55	102

QA/QC BA . CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: HG7470-92087
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92087
AF60154

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
HG7470	ND	<0.2	3.00	2.90	2.94	1.37	96.7	3.16	3.11	1.59	105

QA/QC BA . CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: $8081H-92021
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92021
AF60154

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result ug/L	MS Dup Result ug/L	MS Dup Precision RPD	MS Recovery %	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$8081H 4,4-DDD	ND	<0.10	0.800	0.804	0.792	1.50	100	0.763	0.793	3.86	95.4
$8081H 4,4-DDE	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H 4,4-DDT	ND	<0.06	0.800	0.722	0.698	3.38	90.2	0.683	0.715	4.58	85.4
$8081H a-BHC	ND	<0.05	0.400	0.379	0.371	2.13	94.8	0.336	0.375	11.0	84.0
$8081H ALDRIN	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H alpha-CHLORDANE	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H b-BHC	ND	<0.06	ND	ND	ND		ND	ND	ND	ND	ND
$8081H CHLORDANE	ND	<2.0	ND	ND	ND		ND	ND	ND	ND	ND
$8081H CHLORPYRIFOS (DURSBAN)	ND	<0.10	0.800	0.776	0.785	1.15	97.0	0.745	0.783	4.97	93.1
$8081H d-BHC	ND	<0.15	ND	ND	ND		ND	ND	ND	ND	ND
$8081H DCB surr std	0.583	0.676	0.800	0.821	0.821			0.786	0.814		98.2
$8081H DIELDRIN	ND	<0.05	0.800	0.790	0.782	1.02	98.8	0.743	0.784	5.37	92.9
$8081H ENDOSULFAN I	ND	<0.10	0.400	0.399	0.397	0.503	99.8	0.376	0.398	5.68	94.0
$8081H ENDOSULFAN II	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H ENDOSULFAN SULFATE	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H ENDRIN	ND	<0.10	0.800	0.805	0.814	1.11	101	0.750	0.784	4.43	93.8
$8081H ENDRIN ALDEHYDE	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H gamma-CHLORDANE	ND	<0.10	ND	ND	ND		ND	ND	ND	ND	ND
$8081H HEPTACHLOR	ND	<0.05	0.400	0.383	0.380	0.786	95.8	0.344	0.373	8.09	86.0
$8081H HEPTACHLOR EPOXIDE	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H HEXACHLOROBENZENE	ND	<0.05	ND	ND	ND		ND	ND	ND	ND	ND
$8081H LINDANE (g-BHC)	ND	<0.05	0.400	0.375	0.371	1.07	93.8	0.342	0.373	8.67	85.5
$8081H METHOXYCHLOR	ND	<0.20	4.00	4.11	4.09	0.488	103	3.93	4.03	2.51	98.2
$8081H MIREX	ND	<0.30	0.800	0.814	0.801	1.61	102	0.766	0.806	5.09	95.8
$8081H TCMX surr std	0.379	0.354	0.400	0.367	0.366			0.307	0.329		76.8
$8081H TOXAPHENE	ND	<3.0	ND	ND	ND		ND	ND	ND	ND	ND

QA/QC BA . CH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AF60154
Location Code: HWMB
Date Collected: 1/29/2007 10:15:00 AM
Date Received: 1/29/2007 11:04:00 AM

QA/QC Batch Name: $8082H-92023
Project: HW
Sample Description: LOCKHEED ELEM SCHOOL/HW10539

Samples in Batch #: 92023
AF60154

Analysis/Analyte	Result ug/L	Method Blank ug/L	Amount Spiked ug/L	MS Result	MS Dup Result	MS Dup Precision	MS Recovery	LCS Result ug/L	LCS Dup Result ug/L	LCS Dup Precision RPD	LCS Recovery %
$8082H DCB surr std	0.583	0.676	0.800					0.891	0.783		111
$8082H PCB-1016	ND	<1.0	10					9.78	9.66	1.23	97.8
$8082H PCB-1221	ND	<1.0									
$8082H PCB-1232	ND	<1.0									
$8082H PCB-1242	ND	<1.0									
$8082H PCB-1248	ND	<1.0									
$8082H PCB-1254	ND	<1.0									
$8082H PCB-1260	ND	<1.0	10					10.2	10.0	1.98	102
$8082H PCB-1262	ND	<1.0									
$8082H TCMX surr std	0.379	0.354	0.400					0.376	0.379		94.0

Comments: $8082H - EPA 8082 - Not enough sample for MS/MSD analysis. 1-013107-048

Appendix E

Site Inspection Worksheets

APPENDIX C

SITE INSPECTION WORKSHEETS

This appendix consists of worksheets that can be used to generate an SI site score. Completion of these worksheets is not required, but the SI investigator must evaluate an SI score, either by these worksheets, *PREscore*, or other Regional scoring tools.

The worksheets consist of instructions and data tables to be filled in with scores from HRS reference tables. The data tables may also call for Data Type and References.

DATA TYPE: The Data Type columns should be filled in with an **H**, **Q**, or **+** if the data are HRS quality and well documented. The Data Type column should be filled in with an **E**, **X**, or **-** if the data represent estimates, approximations, or are not fully documented. This type identifies data gaps for the expanded SI to investigate.

REFERENCES: The Reference columns should be filled in with coded reference numbers. The numbered reference list should be attached or the numbering should be cross-referenced to the SI Narrative Report.

The SI investigator will need the current Superfund Chemical Data Matrix (SCDM) OSWER Directive 9345.1-13 (revised semi-annually) to complete these worksheets.

SITE INSPECTION WORKSHEETS

CERCLIS IDENTIFICATION NUMBER
GA0000407895

SITE LOCATION			
SITE NAME: LEGAL, COMMON, OR DESCRIPTIVE NAME OF SITE CAMP GORDON ARTILLERY RANGE			
STREET ADDRESS, ROUTE, OR SPECIFIC LOCATION IDENTIFIER MERRITT RD.			
CITY MARIETTA	STATE GA	ZIP CODE 30062	TELEPHONE ( ) N/A
COORDINATES: LATITUDE and LONGITUDE 33°50'28.8"N, 84°30'47.0"W	TOWNSHIP, RANGE, AND SECTION N/A		

OWNER/OPERATOR IDENTIFICATION					
OWNER CITY OF MARIETTA DEPT. of PUBLIC WORKS			OPERATOR		
OWNER ADDRESS 205 LAWRENCE ST. (Daniel J. Conn, City Engineer)			OPERATOR ADDRESS		
CITY MARIETTA			CITY		
STATE GA	ZIP CODE 30060	TELEPHONE (770) 794-5658	STATE	ZIP CODE	TELEPHONE ( )

SITE EVALUATION		
AGENCY/ORGANIZATION GEORGIA EPD		
INVESTIGATOR LAWRENCE PAPETTI		
CONTACT ANDREW S. TAFT		
ADDRESS 2 M.L.K. Jr. Dr. S.E. Su. 1154 E.		
CITY Atlanta	STATE GA	ZIP CODE 30334
TELEPHONE (404) 656-2833		

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GENERAL INFORMATION

Site Description and Operational History: Provide a brief description of the site and its operational history. State the site name, owner, operator, type of facility and operations, size of property, active or inactive status, and years of waste generation. Summarize waste treatment, storage, or disposal activities that have or may have occurred at the site; note whether these activities are documented or alleged. Identify all source types and prior spills, floods, or fires. Summarize highlights of the PA and other investigations. Cite references.

Please see attached narrative:

Section 1.0
Section 2.0

REVISION 1

NARRATIVE

SITE INSPECTION
FORMER CAMP GORDON ARTILLERY RANGE
MARIETTA, COBB COUNTY, GEORGIA

1.0 INTRODUCTION

Under the authority of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1966 (SARA), (Ref. 1), the Georgia Department of Natural Resources, Environmental Protection Division (EPD), Hazardous Waste Management Branch conducted a Site Inspection (SI) for Cobb County Tax Parcel 16-994-12, which contains a landfill owned by the City of Marietta and is within the former Camp Gordon Artillery Range, artillery Low-Impact Area. Cobb County Tax Parcel 16-994-12 is located in the City of Marietta, Cobb County, Georgia. The purpose of the SI is to collect the necessary information on current site conditions to assess the immediate or potential threat posed to human health and/or the environment, to determine the need for additional investigation under CERCLA/SARA (or other authority), and if appropriate, to support site evaluations using the Hazardous Ranking System (HRS-Ref. 57) for proposal to the National Priorities List (NPL—Ref. 1).

2.0 SITE DESCRIPTION

2.1 Site Location

The PSA (Ref. 63) addressed two areas of the former Camp Gordon Artillery Range. They are identified as follows (Area names were designated by the Georgia EPD.):

Area 1: The former gun positions location (currently occupied by QuikTrip Store #815 and fully described in the PSA), (Refs. 3, 4 & 63); and

Area 2: An US Army Corps of Engineers (USACE) designated low impact area, Area B, which contains Cobb County Tax Parcel 16-994-12 containing a landfill owned and used by the City of Marietta (Refs. 3 & 4).

All references herein to the "site" refer to Cobb County Tax Parcel 16-994-12 containing the City of Marietta Landfill (see Figures 4A & 4B of the PA [Ref. 70], and Figure 1A herein). The total acreage of Cobb County Tax Parcel 16-994-12 is 57 acres (Refs. 10, 11, & 12, and Figure 1A). The site is located off Merritt Road, north/northeast of Lockheed Elementary School, in Marietta, Georgia (Ref. 7). Figures 1A and 1B show the site and the surrounding area (Ref. 13).

The landfill covers approximately 17 acres on the southeastern portion of Cobb County Tax Parcel 16-994-12 (Figure 1A, Refs. 13, 69, 71-73). A wooded area covering approximately 40 acres covers the remainder of the 57 acres (Figure 1A, Refs. 13, 69, 71-73).

Figure 2 shows the site and Site Reference Point on a USGS topographic map (1:24,000 scale), (Ref. 9). The geographical coordinates of the site reference point are 33° 58' 28.8" North Latitude and 84° 30' 47.0" West Longitude (accuracy within 2.4 meters), (Refs. 13, 14, 71-73). Method Accuracy Description (MAD) data, according to the format requirements of the *Quick Reference Guide, Entering Latitude/Longitude Data* (Ref. 68) and based on field data (Ref. 14), are as follows:

- *Accuracy: 2.4* meters.
- *Collection Method:* GPS Code (Pseudo Range) Differential (corresponds to use of a recreational grade GPS receiver).
- *Reference Datum:* NAD83 (datum used by GPS receiver).
- *Reference Point:* The site reference point is at the former borrow pit on the southern section of the landfill (Figure 3, Refs. 9 & 14). This point was chosen as a reference point because it was a convenient aspect of the site (the former borrow pit has a concrete wall that is easily visible) and it is accessible to field verification (Refs. 2 & 14).
- *Source Map Scale:* None (used GPS receiver):
- *Verification Method (optional):* DOQQ verified using USGS Marietta, Georgia 1:24,000 scale topographic quadrangle map.
- *Source (optional): Field data (Ref. 14)*
- *Point/Line/Area (optional):* Not determined.
- *Measurement Sequence (optional):* Not determined.
- *Collection Date:* October 7, 2004, March 30, 2006, and April 20, 2006 GPS readings.

2.2 Site Description

Figure 1A is an aerial photograph annotated to show the approximate extent of the landfill and surrounding land use (Ref. 13). Figure 1B depicts the site drainage features and Probable Points of Entry (PPEs) into perennial surface water (Refs. 13, 71-73). Figure 2 identifies the site location and reference point on a 1:24,000 topographic map

2.0 SITE DESCRIPTION

2.1 Site Location

The PSA (Ref. 63) addressed two areas of the former Camp Gordon Artillery Range. They are identified as follows (Area names were designated by the Georgia EPD.):

Area 1: The former gun positions location (currently occupied by QuikTrip Store #815 and fully described in the PSA) (Refs. 3, 4 & 63); and

Area 2: An US Army Corps of Engineers (USACE) designated low impact area, Area B, which contains Cobb County Tax Parcel 16-994-12 containing the landfill owned and used by the City of Marietta (Refs. 3 & 4).

All references herein to the "site" refer to Cobb County Tax Parcel 16-994-12 containing the City of Marietta Landfill (see Figures 4A & 4B of the PA [Ref. 70], and Figure 1A herein). The total acreage of Cobb County Tax Parcel 16-994-12 is 57 acres (Refs. 10, 11, & 12, and Figure 1A). The site is located off Merritt Road, north/northeast of Lockheed Elementary School, in Marietta, Georgia (Ref. 7). Figures 1A and 1B show the site and the surrounding area (Ref. 13).

The landfill covers approximately 17 acres on the southeastern portion of Cobb County Tax Parcel 16-994-12 (Figure 1A, Refs. 13, 69, 71-73). A wooded area covering approximately 40 acres covers the remainder of the 57 acres (Figure 1A, Refs. 13, 69, 71-73).

Figure 2 shows the site and Site Reference Point on a USGS topographic map (1:24,000 scale) (Ref. 9). The geographical coordinates of the site reference point are approximately 33° 58' 28.8" North Latitude and 84° 30' 47.0" West Longitude (accuracy within 2.4 meters) (Refs. 13, 14, 71-73). Method Accuracy Description (MAD) data, according to the format requirements of the Quick Reference Guide, Entering Latitude/Longitude Data (Ref. 68) and based on field data (Ref. 14), are as follows:

- *Accuracy: 2.4* meters.
- *Collection Method:* GPS Code (Pseudo Range) Differential (corresponds to use of a recreational grade GPS receiver).
- *Reference Datum:* NAD83 (datum used by GPS receiver).
- *Reference Point:* The site reference point is at the former borrow pit on the southern section of the landfill (Figure 3, Refs. 9 & 14). This point was chosen as a reference point because it was a convenient aspect of the site (the former borrow pit has a concrete wall that is easily visible) and it is accessible to field verification (Refs. 2 & 14).

(Ref. 9). Figure 3 identifies a 4-mile radius from the Site Reference Point. Figure 4 is a soil map showing soil classifications for the site and surrounding area (Ref. 86).

The landfill area (Figure 1) is covered with yard waste, trees, bushes, grass, exposed soil, street-sweeper waste, and mulch (Refs. 14, 71-73). The northern portion of Cobb County Tax Parcel 16-994-12 is covered with trees, bushes, exposed soil, and rock outcrops (Refs. 14, 71-73). No guard shack, gate, or fence was observed to limit access to the landfill during the day (Refs. 14, 71-73). During non-working hours, gates to prevent vehicle access to the landfill are locked, but these gates would not prevent pedestrian access (Ref. 73).

According to Larry Wills, contractor for the City of Marietta interviewed for the PSA, the southern portion of the landfill is used by the City of Marietta to convert yard waste into mulch (Refs. 14 & 17). Mr. Wills, who said he had been working as a contractor at the landfill for approximately 14 years, stated that the facility processes approximately 80 tons of yard waste at the landfill per week. Further, Mr. Wills stated that trucks usually come to the landfill once a day (around 3:00 pm) and dump/drop off yard waste (Refs. 14 & 17). Although the PSA indicated that the yard waste was converted into mulch, filtered, and stored on site, no filtering activities were observed during the current investigation and landscaping waste including tree limbs is piled on the western-central portion of the landfill (Refs. 71-73).

The surrounding land use is light industrial, commercial, and residential (Refs. 10, 11, 13, 14, 71-73). Cobb County owns a quarry directly to the south of the landfill (Figure 1; Refs. 10, 11, 13, & 14). The Marietta Board of Education owns property directly to the south/southwest of the landfill (Refs. 71-73). Lockheed Elementary School is located on this property (Figure 1A; Refs. 71-73). Various residential properties lie directly to the east of the landfill, an intermittent stream and then forested land lies to the north of the landfill, and Blackjack Creek bounds the western edge of the landfill, beyond which lie forested land and residential properties to the west (Figure 1A, Refs.71-73).

Climate data for the site was obtained from Ref. 84 (Climatography of the United States No. 20, 1971-2000, for the Atlanta Hartsfield AP station). The mean annual precipitation is 50.20 inches. The highest daily precipitation for 1930-2001 is 6.68 inches.

2.3 Operational History and Waste Characteristics

2.3.1 Artillery Range History

As discussed in the PSA and PA, the U.S. Army Corps of Engineers noted that extensive digging and excavation has been conducted the area of the trajectory of the former artillery range in connection with new construction, and no Ordnance and Explosive Waste (OEW)-related incidents are known (Refs. 15, 18, & 20). During the PSA investigation, Mr. Russell Moorehead (then the City of Marietta Public Works Director) said he was unaware of any OEW being found (Refs. 15 & 27). Recent site reconnaissance (Refs. 71-73) identified the existence of a steep, north-south trending

ridge running the length of the western boundary of Cobb County Tax Parcel 16-994-12 (Figure 2). Due to the position of the ridge between the former artillery firing position and Cobb County Tax Parcel 16-994-12 (See topography shown in Ref. 74), it probably would have served as a barrier to non-mortar artillery shells. Please refer to the PSA (Ref. 63) and the PA (Ref. 70) for further discussion of the artillery range.

2.3.2 Landfill History

The City of Marietta owns and operates the landfill (Refs. 14, 15, 17, 27, 28, 71-73). The landfill accepts and processes yard wastes (e.g. leaves, grass clippings, etc.) and street sweeper waste (Refs. 14, 15, 17, 27, 28, 71-73). Figures 1A and 1B show the approximate landfill extent based on field reconnaissance and the inspection of aerial photographs (Refs. 13, 71-73).

According to Larry Wills, contractor for the City of Marietta, the landfill was used to dispose of Construction & Demolition (C&D) material (e.g. concrete, asphalt, etc.) (Refs. 14 & 17). C&D waste is no longer taken to this location (Refs. 14, 15, 17 & 27). Historical aerial photographs as early as 1960 show a maximum of 17 acres of disturbed land on the parcel containing the landfill (Ref. 69). The site property was acquired by the City of Marietta in 1909 (Refs. 15 & 27).

In an interview during the U.S. Army Corps of Engineers investigation, Mr. Ron Gosa indicated that as late as the 1970s, the landfill might have been used as a sanitary landfill (Refs. 4 – Appendix I-2 & 15). Mr. Ron Gosa is no longer employed with the City of Marietta and EPD could not reach him (Ref. 15). Mr. Russell Moorehead researched City of Marietta files pertaining to the use of the City property as a sanitary landfill (Refs. 15, 27, & 28). According to Mr. Moorehead, there are no personnel currently employed with the City of Marietta that have knowledge of the property's use as a sanitary landfill and nothing in the City files indicated that the property had been used for this purpose (Refs. 15, 27, & 28).

The Cobb County Solid Waste Department and the EPD Land Protection Branch, Solid Waste Management Program were contacted to check for any files that may contain information concerning the historic operation of landfills near Cobb County Tax Parcel 16-994-12; no evidence of any historic operation of a landfill was found (Refs. 15, 29, & 30). The EPD generally would not have any information concerning landfills operating before the mid 1970s, and Cobb County would not have any information concerning landfills that operated prior to the 1960s (Refs. 15, 29, & 30).

Current and historical landfill operations at the site may have contributed, or be contributing to on-site contamination by hazardous substances (See Section 3.2), (Refs. 3, 4, 14, 15, 17, 18-20, & 27–30). Therefore, the landfill, covering approximately 17 acres of the site (Ref. 69), is considered a source.

2.3.3 Environmental Investigations

The EPD completed an Expanded Pre-CERCLIS Screening Assessment (PSA) Report in January 2005 (Ref. 63) and a Preliminary Assessment (PA) Report in March 2006 (Ref. 70). The PSA recommended inclusion of the site in the CERCLIS Database, and the PA recommended further evaluation.

Previous environmental investigations, discussed in the PA (Ref. 70), have addressed OEW in the areas of the former Camp Gordon Artillery Range, but have not addressed site landfill activities. The Department of the Army, U.S. Corps of Engineers Savannah District performed a Preliminary Assessment of the former Camp Gordon Artillery Range (encompassing the site) in 1993 under the Defense Environmental Restoration Program, Formerly Used Defense Sites (DERP-FUDS) (Refs. 3 & 15). Preliminary Assessments performed under DERP-FUDS were not necessarily intended to support HRS evaluations. The artillery range was determined to have been formerly used by the Department of Defense and was found to be eligible for the DERP-FUDS (Refs 3 & 15).

2.3.4 Source Containment

The landfill does not have a maintained, engineered cover, functioning and maintained run-on control system, runoff management system, liner, gas collection/treatment system, or clean soil cover (Refs. 71-73). Field observations of heat production within the landfill (i.e. steam rising from landfill, waste samples W-1 & W-2 hot to the touch, and presence of full-grown, early-germinated pumpkins on the landfill during July) are evidence of the release of biogas from biological activity (Refs. 71-73). The landfill lies within the 100-year floodplain (Ref. 74).

3.0 SAMPLE-COLLECTION PROCEDURES

3.1 Sampling Objectives

The EPD collected sediment, surface water, waste, and soil samples during July 2006 for the current investigation (See results and references in Tables 3-6). Table 3 lists the location, collection date, and purpose for each sample collected during July 2006. In addition, the GAEPD collected soil samples at Lockheed Elementary School in January 2007 (Refs. 87, 88, and 90). Ref. 87 contains a summary table and map identifying the January 2007 Lockheed Elementary School sampling locations. The specific objectives of field sampling activities for this SI were to: 1) collect soil and waste samples to characterize the landfill as a source, and to evaluate the soil exposure pathway, and 2) investigate whether hazardous substances have been released to the perennial surface water migration pathway, and which are attributable to on-site sources. The EPD collected the additional soil samples at Lockheed Elementary School to further evaluate the potential threat to human health from vanadium detected above Preliminary Remediation Goals (PRGs) for residential soil (Refs. 78, 80, 81, and 90).

3.2 Data Quality Assurance/Objectives

Sampling activities were performed in accordance with the EPA Region 4 Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (EISOPQAM), November 2001 (Ref. 75). The EPD Laboratory, located in Atlanta, GA conducted all analyses. At a minimum, all samples were analyzed for constituents included in the Target Compound List (TCL) and Target Analyte List (TAL), including Volatile Organic Compounds (VOCs)/Semi-Volatile Organic Compounds (SVOCs), Pesticides/Aroclors, and Metals/Cyanide, but excluding dioxin/furans (Ref. 81). Appendix C of the SAP (Appendix A herein) contains a list of TAL and TCL compounds. A description of analytical methods is included in Appendix D of the SAP. The sampling locations are shown in Figures 7-10 and the sample identification codes, rationale, and quality assurance/quality control provisions are presented in Table 3. Appendix F of the SAP contains an equipment list, and Appendix G of the SAP contains the Health and Safety Plan (HASP). Tables 4-6 summarize the analytical results. Appendix D contains the analytical reports.

Quality Assurance and Quality Control (QA/QC) for this sampling event were provided by collecting duplicate, matrix spike/ matrix spike duplicate (MS/MSD), rinsate samples and trip blanks as indicated in Appendices D and E of the SAP. The duplicate samples tested the reliability of the field sampling procedures and results. The MS/MSD sample served as a QA/QC sample for the laboratory analytical procedures. The EPD Laboratory provided trip blanks. The laboratory QA/QC documentation for the analytical methods used as part of this SI is included in Appendix D of the SAP, and in the analytical results (Appendix D herein).

All samples were stored in coolers on ice until they reached the laboratory (Ref. 73). The project team members who transported the samples to the EPD Laboratory maintained chain-of-custody until relinquishment to the EPD Laboratory (Ref. 73).

The EPD developed a separate SAP to address the additional soil sampling performed at Lockheed Elementary School (Ref. 90). The Lockheed Elementary School SAP is included in Appendix D under Ref. 90.

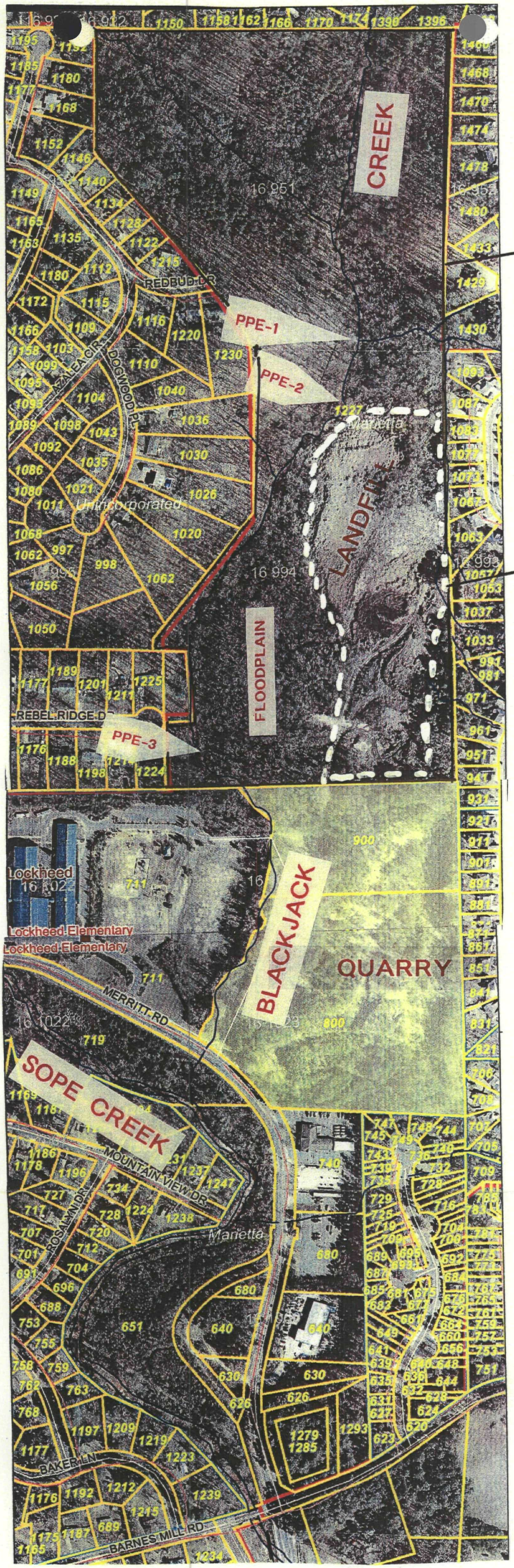
3.3 Field Sampling Activities

The field sampling documentation is included in the trip report (Reference 73, included as Appendix B herein). The areas sampled during the SI field-sampling event were identified during a site reconnaissance conducted by EPD (Appendices A and B of the SAP). Access to the property and off-site properties was obtained prior to the beginning of field activities. Field sampling activities were performed during the week of July 10, 2006 (Ref. 73). Photographs and GPS coordinates document all sampling locations (Ref. 73). In addition, the GAEPD collected soil samples at Lockheed Elementary School in January 2007 (Refs. 87, 88, and 90). Ref. 87 contains a summary table and map identifying the January 2007 Lockheed Elementary School sampling locations.

GENERAL INFORMATION (continued)

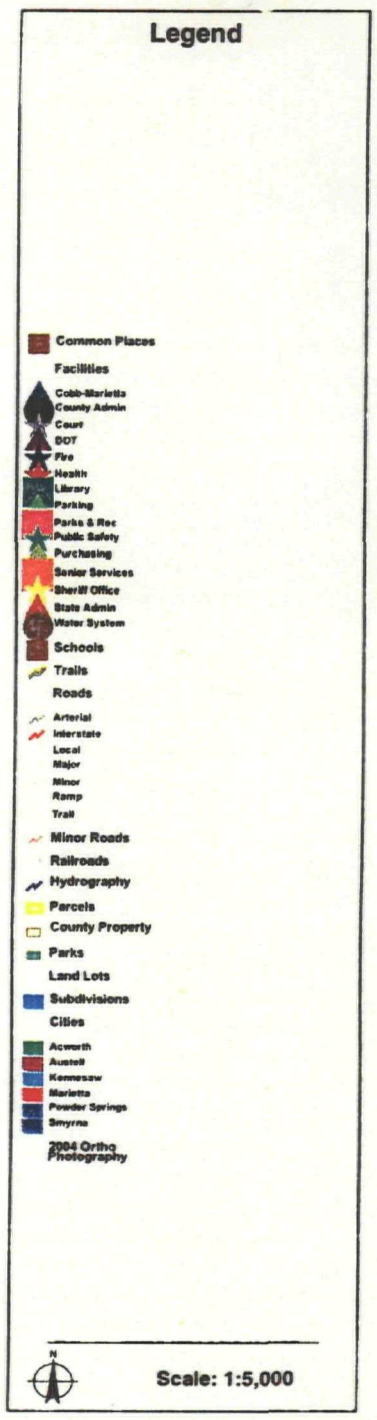
Site Sketch: Provide a sketch of the site. Indicate all pertinent features of the site and nearby environments including sources of wastes, areas of visible and buried wastes, buildings, residences, access roads, parking areas, fences, fields, drainage patterns, water bodies, vegetation, wells, sensitive environments, and other features.

Please see attached Figures.



Site Boundary

Approx. Landfill Boundary



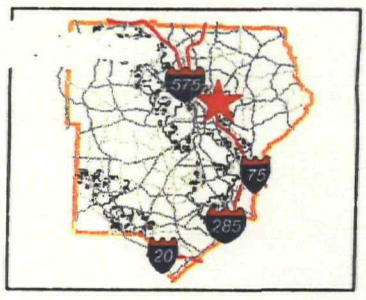


FIGURE 1A
SITE AERIAL PHOTOGRAPH

(Ref. 13)

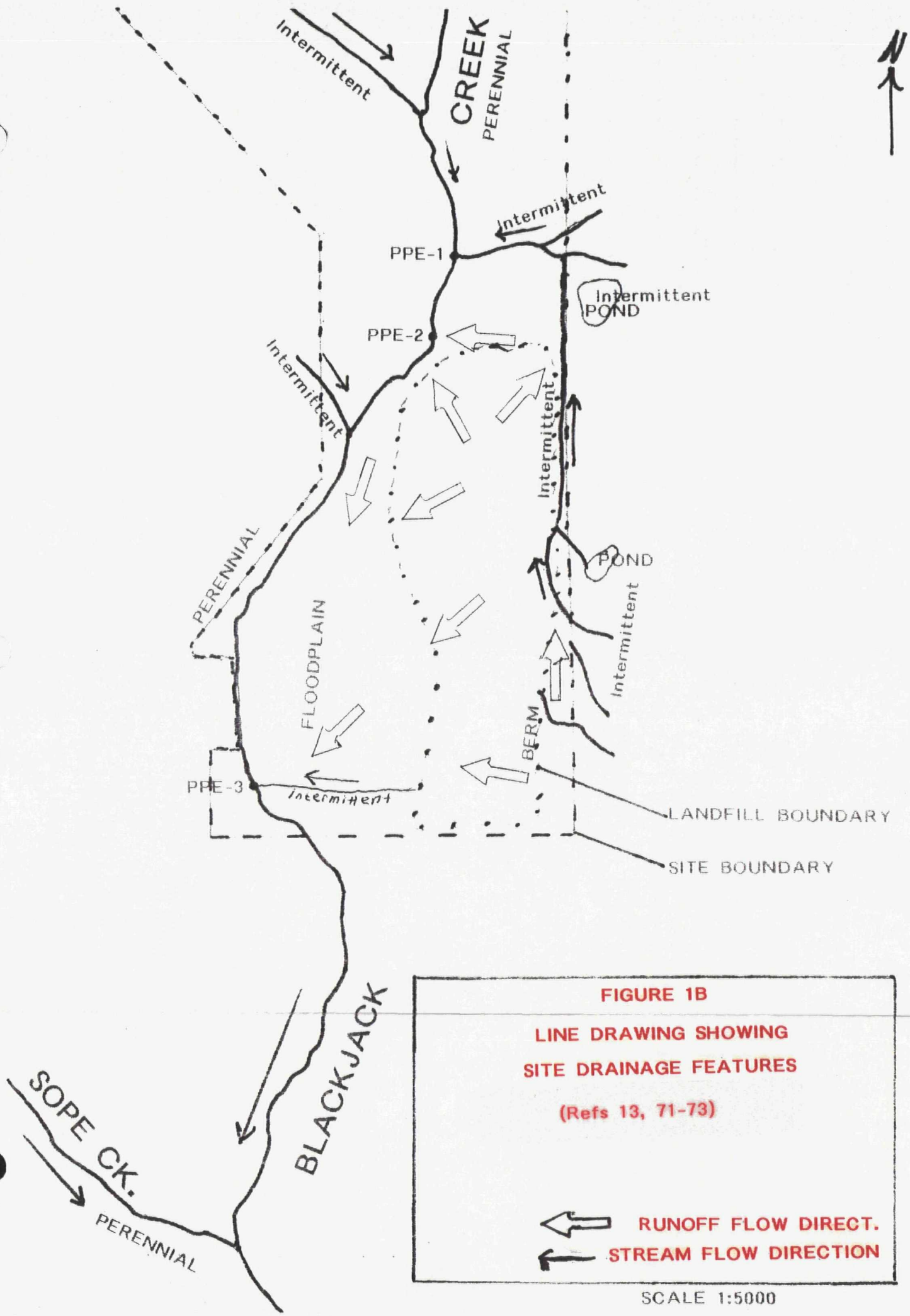
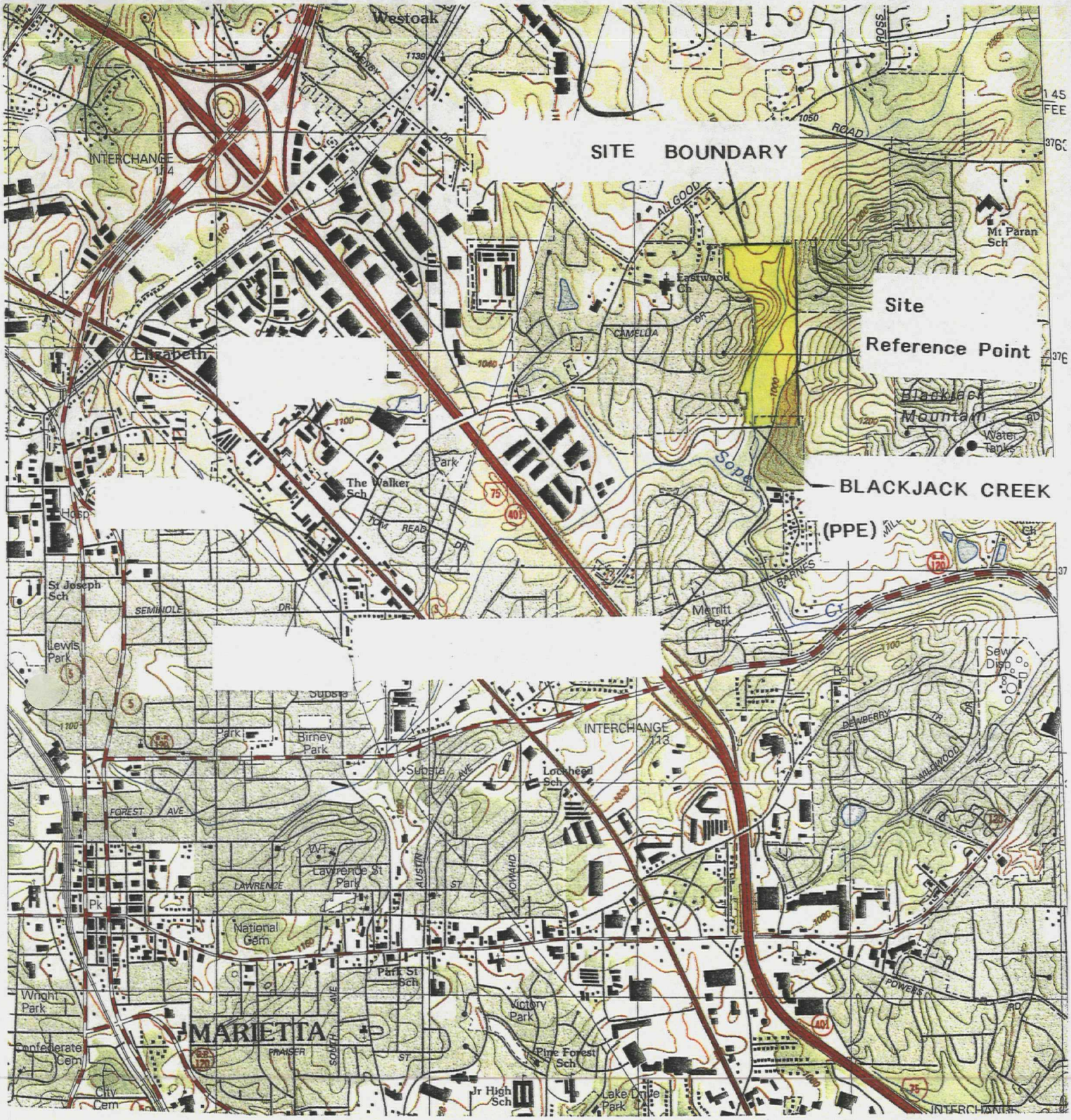


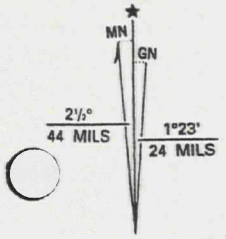
FIGURE 1B

LINE DRAWING SHOWING SITE DRAINAGE FEATURES

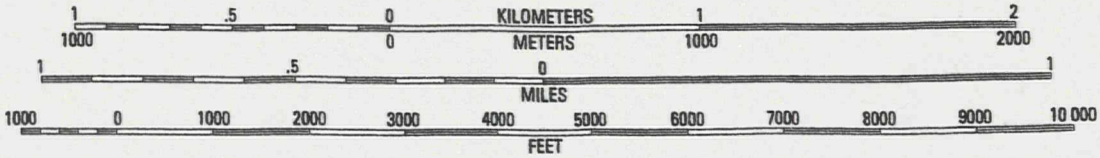
(Refs 13, 71-73)



SCALE 1:24 000



UTM GRID AND 1992 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

FIGURE 2. USGS TOPOGRAPHIC MAP SHOWING SITE LOCATION & REFERENCE POINT

(Ref. 9)

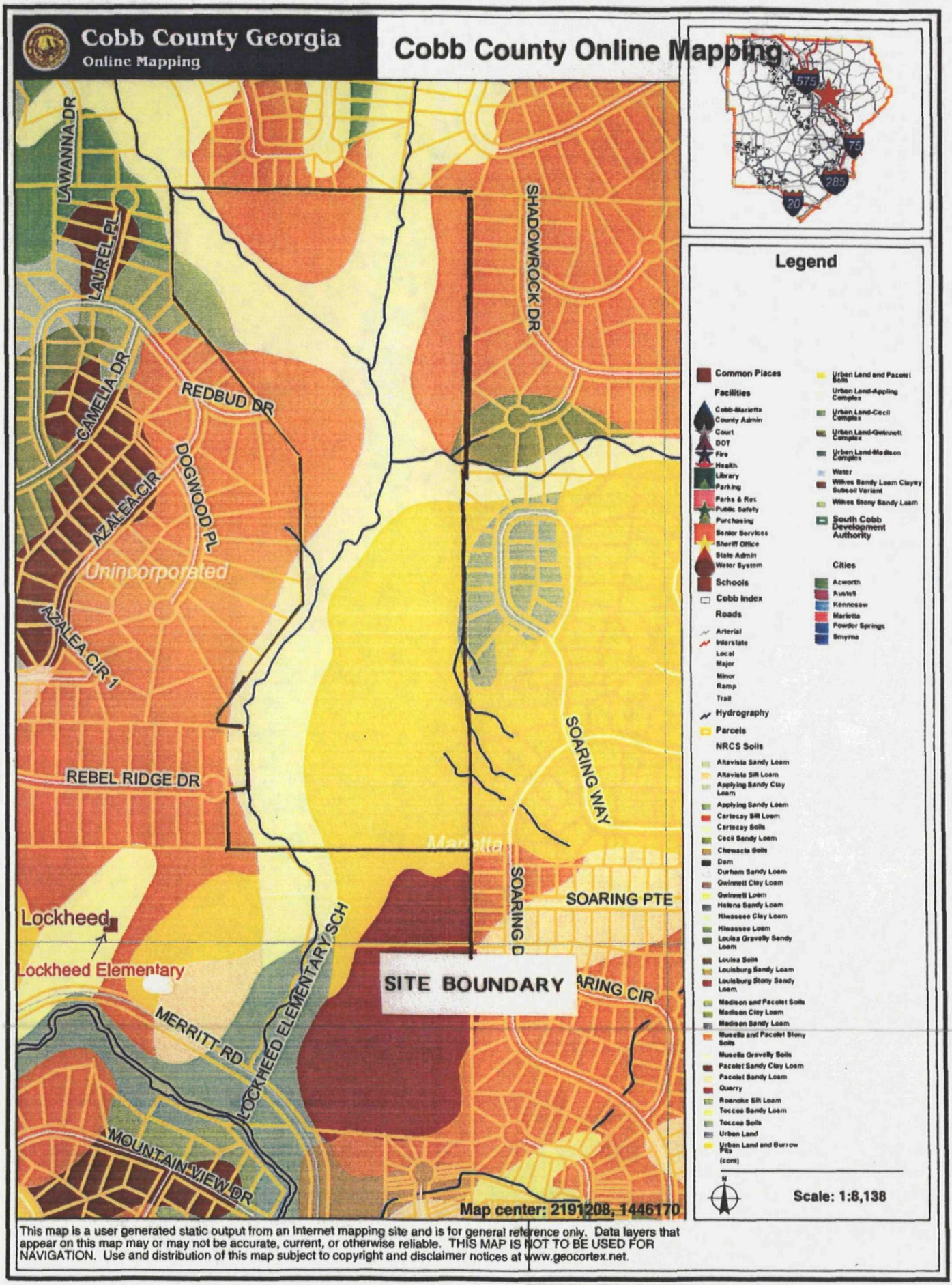


FIGURE 4. SOIL MAP (Ref. 86)

GENERAL INFORMATION (continued)

Source Descriptions: Describe all sources at the site. Identify source type and relate to waste disposal operations. Provide source dimensions and the best available waste quantity information. Describe the condition of sources and all containment structures. Cite references.

SOURCE TYPES

Landfill: A man-made (by excavation or construction) or natural hole in the ground into which wastes have come to be disposed by backfilling, or by contemporaneous soil deposition with waste disposal.

Surface Impoundment: A natural topographic depression, man-made excavation, or diked area, primarily formed from earthen materials (lined or unlined) and designed to hold an accumulation of liquid wastes, wastes containing free liquids, or sludges not backfilled or otherwise covered; depression may be wet with exposed liquid or dry if deposited liquid has evaporated, volatilized or leached; structures that may be described as lagoon, pond, aeration pit, settling pond, tailings pond, sludge pit; also a surface impoundment that has been covered with soil after the final deposition of waste materials (i.e., buried or backfilled).

Drum: A portable container designed to hold a standard 55-gallon volume of wastes.

Tank and Non-Drum Container: Any device, other than a drum, designed to contain an accumulation of waste that provides structural support and is constructed primarily of fabricated materials (such as wood, concrete, steel, or plastic); any portable or mobile device in which waste is stored or otherwise handled.

Contaminated Soil: An area or volume of soil onto which hazardous substances have been spilled, spread, disposed, or deposited.

Pile: Any non-containerized accumulation above the ground surface of solid, non-flowing wastes; includes open dumps. Some types of waste piles are:

- Chemical Waste Pile: A pile consisting primarily of discarded chemical products, by-products, radioactive wastes, or used or unused feedstocks.
- Scrap Metal or Junk Pile: A pile consisting primarily of scrap metal or discarded durable goods (such as appliances, automobiles, auto parts, batteries, etc.) composed of materials containing hazardous substances.
- Tailings Pile: A pile consisting primarily of any combination of overburden from a mining operation and tailings from a mineral mining, beneficiation, or processing operation.
- Trash Pile: A pile consisting primarily of paper, garbage, or discarded non-durable goods containing hazardous substances.

Land Treatment: Landfarming or other method of waste management in which liquid wastes or sludges are spread over land and tilled, or liquids are injected at shallow depths into soils.

Other: Sources not in categories listed above.

GENERAL INFORMATION (continued)

Source Description: Include description of containment per pathway for ground water (see HRS Table 3-2), surface water (see HRS Table 4-2), and air (see HRS Tables 6-3 and 6-9).

Please see attached narrative:

Section 2.0 (Attached behind P. C-4)

Section 4.0

Tables 3-6

Hazardous Waste Quantity (HWQ) Calculation: SI Tables 1 and 2 (See HRS Tables 2-5, 2-6, and 5-2). Several hazardous substances are present in soil overlying the landfill. Therefore, 2 sources* are evaluated:

Source 1 - Landfill

$$\text{Tier D} = \frac{17 \text{ acres}}{0.078} = 217.9$$

Because soil comprising the landfill cover could have been imported, it is considered a separate source from the landfill, itself.

Source 2 - Contaminated soil

$$\text{Tier D} = \frac{17 \text{ acres}}{0.78} = 21.8$$

$217.9 + 21.8 = 239.7$; $100 < 239.7 < 10{,}000$

$\therefore$ HWQ = 100

References 14, 71, 72, & 73

*HRS Guidance EPA:540-R-92-026, Highlight 4-8, P.53

Attach additional pages, if necessary

HWQ = 100

4.0 WASTE/SOURCE SAMPLING

4.1 Waste/Source Sample Locations

Due to the negligible potential contribution of the 40-acre wooded area outside the landfill to the hazardous waste quantity, source sampling and characterization activities only addressed the landfill. The locations of the samples collected for source evaluation of the landfill are shown on Figures 8-10, and listed in Tables 3, 5, and 6. Surface soil samples for source evaluation were collected from a total of 10 locations (14 samples, S-1 through S-14), including background samples. One duplicate soil sample was collected (S-7). Surface soil samples at 4 locations were collected at two depth intervals (0-6" and 6"-2') per boring. Additionally, two waste samples (W-1 and W-2) were collected from the 0-0.5 foot and 4-5 foot intervals on the western portion of the landfill.

Soil and waste samples were collected using the procedures described in Section 3. Sample materials were examined and a physical description was recorded in the logbook (Ref. 73). The trip report (Ref. 73, contained in Appendix B herein) contains further details of the source sampling locations, including photographs, coordinates, and measurements.

4.2 Waste/Source Analytical Results

Table 5, which lists the hazardous substances detected in sediment samples, includes the results for sediment samples collected from intermittent water bodies. These are evaluated here as soil and hence as a source. Sample SED-8 contained acetone (1,300E [See Table 5, Footnote 5 for explanation of "E" qualifier.]); barium (91,000 ug/kg), manganese (2,100,000 ug/kg), idomethane (65 ug/kg), and 2-butanone (130 ug/kg) at concentrations significantly above background (exceeding 3x the background concentration or the reporting limit of background [when not detected in the background]) (Refs. 80 & 81). For naturally occurring analytes, concentrations are only listed for analytes detected at concentrations significantly above background.

Table 6 lists the hazardous substances detected in surface soil and surface and subsurface waste samples collected from the landfill; these are evaluated as source samples. Surface soil analytes detected at concentrations significantly above background were as follows (All results are in ug/kg, and are for surface soil samples evaluated in the soil exposure pathway. For naturally-occurring analytes, concentrations are only listed for analytes detected at concentrations significantly above background): acetone (S-13, 1000E [See Table 6, Footnote 5 for explanation of "E" qualifier.]); barium (S-7, 130,000; S-8, 310,000; S-10, 290,000; S-11, 370,000; and S-12, 270,000); cadmium (S-12, 540); chromium (S-7, 30,000; S-8, 31,000; S-9, 50,000; S-10, 24,000; S-11, 29,000; S-12, 19,000; S-13, 40,000; and S-14, 32,000); cobalt (S-7, 10,000; S-8, 12,000; S-10, 14,000; S-11, 15,000; and S-12, 5,900); copper (S-7, 26,000; S-8, 27,000; S-9, 81,000; S-10, 39,000; S-11, 22,000, S-12, 33,000; S-13, 59,000; and S-14, 31,000); manganese (S-7, 450,000; S-8, 310,000; S-9, 250,000; S-10, 480,000; S-11, 340,000; S-12, 1,500,000; and S-13, 1,000,000); nickel (S-7, 11,000; S-8, 15,000; S-10, 11,000; S-11, 14,000; and S-12,

9,600); vanadium (S-8, 62,000; S-9, 190,000; S-10, 71,000; S-11, 73,000; S-13, 150,000; and S-14, 130,000); zinc (S-7, 130,000; S-8, 61,000; S-9, 48,000; S-10, 130,000; S-11, 39,000; S-12, 330,000; S-13, 31,000; and S-14, 40,000); toluene (S-13, 40); p-isopropyltoluene (S-13, 57); b-BHC (S-12, 6.3); alpha Chlordane (S-12, 10); and 4,4-DDE (S-12, 6.1) (Refs. 78, 80, & 81) (Refs 78, 80, & 81).

The temperatures of both W-1 and W-2 were hot to the touch. Waste sample W-1, which contained decomposed mulch common on the northern portion of the landfill, was collected from the landfill at a depth of 0-0.5 feet (Ref. 73). Waste sample W-1 is also evaluated in the soil exposure pathway due to its collection from a depth of less than 2 feet. Detections in W-1 were as follows (all in ug/kg): acetone (1,100), barium (290,000), chromium (18,000), cobalt (6,600), copper (38,000), lead (50,000), manganese (1,500,000), nickel (8,100), vanadium (28,000), zinc (270,000), acetone (1,100), alpha chlordane (12), gamma chlordane (16), chlordane (150J), Dieldrin (6.0), and Heptachlor Epoxide (6.0) (Refs. 78, 80, & 81). Waste sample W-2 was collected from the landfill at a depth of 4-5 feet, and contained a broken bottle, a plastic bag, and wood; these are probably a mixture of sanitary and landscaping waste materials (Ref. 73). Detections in W-2 were as follows (all in ug/kg): acetone (170), chromium (58,000), copper (220,000), lead (600,000), manganese (4,500,000), vanadium (140,000), zinc (3,000,000), acetone (170), alpha-chlordane (14), gamma chlordane (27), chlordane (170), 4,4-DDE (14), Mirex (16), and PCB-1260 (230.0).

4.3 Waste/Source Conclusions

Sediment samples collected from the overland runoff pathway, evaluated here as source samples as well as in the soil exposure pathway, contained acetone, barium, manganese, idomethane, and 2-butanone at concentrations significantly above background (for naturally-occurring analytes) (Refs. 80 & 81). Surface soil samples, evaluated as source samples as well as in the soil exposure pathway, contained the following analytes at concentrations significantly above background (For naturally-occurring analytes, concentrations are only listed for analytes detected at concentrations significantly above background.): acetone, barium, cadmium, chromium, cobalt, copper, manganese, nickel, vanadium, zinc, toluene, p-isopropyltoluene, b-BHC, alpha Chlordane, and 4,4-DDE (Refs. 78, 80, & 81) (Refs 78, 80, & 81).

The temperature of waste samples W-1 and W-2, and the presence of obvious sanitary and yard waste provide evidence that W-1 and W-2 were collected from landfill waste undergoing decomposition (Ref. 73). Waste sample W-1 is also evaluated in the soil exposure pathway due to its collection from a depth of less than 2 feet. Waste samples contained barium, chromium, cobalt, copper, lead, manganese, nickel, vanadium, zinc, acetone, alpha chlordane, gamma chlordane, chlordane, Dieldrin, Heptachlor Epoxide, 4,4-DDE, Mirex, and PCB-1260 (Refs. 78, 80, & 81).

These hazardous substances detected in waste and soil samples, including PCBs and several metals, warrant evaluation of two sources (the landfill and contaminated soil) for

their impacts on the groundwater, surface water, soil exposure and air pathways. Figure 10 depicts the aerial extent of the sources.

5.0 GROUNDWATER PATHWAY

5.1 Groundwater Hydrogeology

The landfill has no liner (Refs. 14, 71-73). The mean annual net precipitation for 1971-2000 if 50.20 inches (Ref. 84). The aquifer depth is approximately 67 feet (Ref. 66).

The site lies within the Northern Piedmont, and is within an exposure area of the New Georgia Group, which is Proterozoic and/or Lower Paleozoic in age, and composed of metamorphosed volcanic, subvolcanic, plutonic, and sedimentary rocks (Ref. 64). Figure 4 identifies soil types on and surrounding the site. The site is within a Lower Susceptibility Area for groundwater pollution according to the Groundwater Pollution Susceptibility Map of Georgia (Ref. 65).

Groundwater in the area exists in pore spaces of the residuum (i.e. saprolite) under water-table conditions, and in joints, fractures, and other secondary openings in bedrock (Ref. 66). Corrective action studies at Air Force Plant No. 6 (at nearby Dobbins Air Force Base) identify an "overburden aquifer" and a "bedrock aquifer," the former consisting of unconsolidated material including soil/saprolite overlying competent bedrock (Ref. 67). Groundwater within both the overburden and bedrock aquifers is heterogeneous and anisotropic (Ref. 67). Recharge in the area occurs by seepage or direct flow of rainwater in exposed rock, from precipitation that falls in the area (Ref. 66).

The conceptual hydrogeological setting developed for nearby Air Force Plant No. 6 characterizes the boundaries of overburden aquifers occurring within stream drainage basins. Local recharge to a particular overburden aquifer occurs under topographic highs and local discharge occurs to the nearest perennial stream (Ref. 67). The Air Force Plant No. 6 studies indicate that the bedrock aquifer also recharges under topographic highs, but with the bedrock aquifer discharging only to higher-order streams (Ref. 67). These conditions indicate that a significant groundwater to surface water component could be of concern with respect to Sope Creek.

Groundwater in the area is withdrawn from interlayered amphibolite, gneiss, and schist in varying proportions and thicknesses and range in depth from 67 feet to 500 feet in the area for aquifer subunits typical of those underlying the site (Ref. 66).

5.2 Groundwater Targets

Table 2 indicates, per concentric distance category, the total population served by domestic wells located within four (4) miles of the site based on 1990 Census data; there are one hundred and thirty-two (132) households (321 persons) within a 4-mile radius of the site that have domestic water wells according to the 1990 Census (Ref. 31). Figure 3 depicts groundwater wells within a 4-mile radius based on well data from GA EPD files

(Ref. 32). The nearest well is identified by Census data and is between ½ and 1 mile from the site (See Table 2). However, a windshield survey conducted for the PSA was conducted to search for evidence of wells (e.g. well houses) and it did not identify any drinking- water wells within 1.0 mile of the site (Ref. 14).

Discussions with Amy Potter, the EPD Commercial Facilities Unit, Compliance Officer/Project Manager, Air Force Plant 6, and a review of the Hazardous Waste Management Branch files indicate that there are currently no active drinking water wells within four (4) miles south of the site (Ref 34).

Glen Page, Director of Engineering, Cobb County-Marietta Water Authority (CCMWA), stated that the Authority does not own, operate, or maintain any municipal groundwater wells within four (4) miles of the site (City of Marietta Landfill) (Ref. 35). In addition, Mr. Page stated that the CCMWA provides water service to residential and non-residential properties within four (4) miles of the site (Refs. 35 & 36). Further, Mr. Page stated that the Authority operates two (2) surface water intakes for their water system – one on Lake Allatoona and one on the Chattahoochee River near Johnson Ferry Road. The Lake Allatoona surface water intake is greater than eleven (11) miles northwest (and topographically upgradient) of the site (Refs. 7, 9, & 35). The surface water intake near Johnson Ferry Road is upstream of the confluence of Sope Creek and the Chattahoochee River (Ref. 35). These two surface water intakes cannot be considered targets because they do not lie within the surface water 15-mile Target Distance Limit (TDL) (Refs. 1, 2, 9, & 37).

5.3 Groundwater Sample Locations

Due to the limited target population, no groundwater sampling was conducted.

5.4 Groundwater Analytical Results

Due to the limited target population, no groundwater sampling was conducted.

5.5 Groundwater Conclusions

No known contaminated public and/or private drinking water wells have been identified within four (4) miles of the site (Refs. 1, 2, 4, 14, 15, & 31 – 36). In conclusion, the Groundwater Pathway by itself does not warrant further evaluation under the HRS at this time.

6.0 SURFACE-WATER PATHWAY

6.1 Surface Water Hydrology

The 24-hour rainfall maximum is 6.68 inches, the drainage area is 17 acres for the landfill, the distance to surface water is less than 100 feet, and soils are clayey (Refs. 71-74, and 84). The landfill is within its 100-year floodplain (Refs. 14 and 71-74).

Figures 1 and 5-7 show surface water and runoff features. A stormwater map of the site shows site drainage features and topography (Ref. 74). Topography indicates that all surface water drainage from the landfill flows into Blackjack Creek and intermittent tributaries to Blackjack Creek (Refs. 14 and 71-74). Blackjack Creek flows south, through the eastern edge of property owned by the Marietta Board of Education, under Merritt Road, and finally into Sope Creek (Refs. 14 and 71-74).

Topography slopes generally to the west and southwest on the southern portion of the site, toward Blackjack Creek or an intermittent tributary to Blackjack Creek southwest of the landfill at PPE-3 (Refs. 14 and 71-74). On the northern and central sections of the landfill, surface topography slopes eastward to an intermittent, northward-flowing swale; northward toward a westward-flowing intermittent stream that feeds into Blackjack Creek at PPE-1; northwestward toward an intermittent swale entering Blackjack Creek at PPE-2, and westward toward the Blackjack Creek floodplain (Refs. 71-74). The Blackjack Creek floodplain northwest, west, and southwest of the landfill is drained by the intermittent tributaries entering Blackjack Creek at the PPEs shown in Figure 1A. Upstream of the landfill, a tributary enters Blackjack Creek from the northwest on municipal property (Refs. 14 and 71-74). Blackjack Creek flows along the western edge of the landfill running north to south.

6.2 Surface Water Targets

Figures 1A, 1B, 5, 6A-6D, and 7 depict the overland runoff routes, PPEs, and the 15-mile Target Distance Limits (TDLs). Figure 5 depicts the entire fifteen (15) mile perennial downstream TDLs on a USGS 15 minute quadrangle map, including the locations of gauging stations (Ref. 41). Figures 6A-6D are wetland maps depicting the surface water pathway (Ref. 60). Reconnaissance on March 30, 2006 and April 20, 2006 (References 71 and 72) identified the surface water targets described herein. Surface water run-off from the site flows into Blackjack Creek and its tributaries, then into Sope Creek as described in Section 6.1. According to Dave Breaden, Senior Plan Review Engineer, Commercial and Residential Plans, Cobb County, Blackjack and Sope Creeks are considered perennial near the City of Marietta Landfill (Ref. 40).
The PPEs are as follows (Refs. 71-74, Figures 1A & 1B):

PPE-1: Located northwest of the landfill, at the confluence of an unnamed westward-flowing intermittent stream bordering the landfill to the north, entering Blackjack Creek from the east.

PPE-2: Located northwest of the landfill, south of PPE-1, where the floodplain adjoining the landfill drains into Blackjack Creek from the east.

PPE-3: Located southwest of the landfill where drainage from the floodplain and southern portion of the landfill enters Blackjack Creek from the east.

From PPE-3, approximately 0.2 miles of the fifteen (15) mile perennial downstream target distance includes Blackjack Creek (Refs. 9 & 37). Approximately 8.6 miles of the

fifteen (15) mile perennial downstream target distance includes Sope Creek (Refs. 9 & 37). The rest of the fifteen (15) mile, perennial downstream target distance, from the confluence with Sope Creek to 6.4 miles downstream, is along the Chattahoochee River (Refs. 9 & 37).

For the calendar year of 2001, an annual mean stream flow of 1,311 cubic feet per second was recorded for the Chattahoochee River at Gauging Station No. 02336000 (Ref. 42). The gauging station is located within the TDLs (Refs. 9, 37, 42, & 43). The gauging station is approximately twenty (20) feet upstream from Paces Ferry Bridge, at Atlanta, Georgia, approximately one (1) mile downstream from Rottenwood Creek and approximately 5.6 miles downstream from Sope Creek (Refs. 9, 37, 42, & 43). From 1929 through 2001, annual mean stream flow for this gauging station has ranged from 1,139 cubic feet per second to 4,794 cubic feet per second (Ref. 42).

For the calendar year of 2001, an annual mean stream flow of 42.2 cubic feet per second was recorded for Sope Creek at Gauging Station No. 02335870 (Ref. 44). The gauging station is located within the TDLs (Refs. 9, 37, 44, & 45) (Figure 5). The gauging station is located where Sope Creek flows under Lower Roswell Road, on the downstream side of the bridge on Lower Roswell Road, in eastern Cobb County (near Marietta, Georgia) (Refs. 7, 37, 44, & 45). The gauging station is approximately 0.3 miles downstream from Bishop Creek, 6.1 miles east of Marietta, and approximately 2.6 miles upstream from the mouth of Sope Creek (Refs. 7, 9, 37, 44, & 45). In addition, the station is approximately six (6) miles downstream from Sope Creek's confluence with Blackjack Creek (Refs. 7, 9, 37, 44, & 45). From 1985 through 2001, annual mean stream flow for this gauging station has ranged from 28.0 cubic feet per second to 69.0 cubic feet per second (Ref. 44).

There is no surface water intake located along any15-mile TDL (Refs. 9, 37, & 46). There is one surface water intake located on the Chattahoochee River at the confluence with Peachtree Creek, approximately 0.5 miles upstream of where the Chattahoochee River flows under Marietta Boulevard/Atlanta Road/ Georgia Highway 3 (Refs. 37, 46, & 47). The intake is downstream of the end of the TDLs (Refs. 9 & 37). The surface water intake supplies water to the City of Atlanta's municipal water system and the maximum withdrawal amount is one hundred and eighty (180) million gallons per day (Refs. 47 & 48).

According to Gary Beisser, Fisheries Biologist, Northwest Region, Fisheries Management, Wildlife Resources Division, Georgia Department of Natural Resources, recreational fishing occurs on both the Chattahoochee River and Sope Creek (Ref. 49). According to Mr. Beisser, the Chattahoochee River is designated as a trout fishery from Buford Dam downstream to its confluence with Peachtree Creek (approximately 0.5 miles upstream of where the Chattahoochee River flows under Marietta Boulevard/Atlanta Road/ Georgia Highway 3) (Ref. 49). In addition, Mr. Beisser stated that recreational fishing for trout also occurs within Sope Creek (Ref. 49). The Chattahoochee River, upstream from Interstate 285 West Bridge, is classified as a secondary trout stream (Ref. 50). The Chattahoochee River and Sope Creek fisheries are both within the 15-mile TDLs (Refs. 9 & 37) (Figure 5).

No federal or state protected aquatic species are known to inhabit surface water bodies within the 15-mile TDLs (Refs. 9, 37, & 51).

The lower stretch of Sope Creek, from its intersection with Paper Mill Road to the confluence with the Chattahoochee River, is part of the Chattahoochee River National Recreation Area (Refs. 37, 50, & 52). In addition, from its confluence with Sope Creek downstream to its intersection with Cobb/Northside Parkway (U.S. Route 41), the Chattahoochee River is designated as part of the Chattahoochee River National Recreation Area (Refs. 37, 50, & 52). These areas are within the 15-mile TDLs (Refs. 9 & 37).

Blackjack and Sope Creeks, are bordered by approximately 10 miles of HRS-qualifying wetlands within the TDLs (See Figure 5) (Refs. 60, 62 & 85). Unconsolidated bottom wetlands in a riverine system do not qualify as HRS wetlands according to Appendix A of the HRS Guidance Manual, Highlight A-8 (Ref. 62). The wetlands bordering the Chattahoochee River and lower portions of Sope Creek are non-qualifying because they are classified as having an unconsolidated bottom (Refs. 53, 60, 62 & 85).

6.3 Surface Water Sample Locations

The trip report (Ref. 73, contained in Appendix B herein) contains details of the surface-water pathway sampling locations, including photographs, coordinates, and measurements. The locations of samples collected for evaluation of the surface-water pathway are shown in Figures 8 and 9 (Ref. 73). Table 3 lists the identification, coordinates, and purpose for each sample. Combined surface water and sediment samples were collected from 2 locations (including the background locations) in Sope Creek to determine the presence or absence of a release. Combined surface water and sediment samples were collected from 7 locations in Blackjack Creek to potentially document a release. One duplicate of a surface water sample and one duplicate of a sediment sample were collected. For attribution purposes, surface water and/or sediment samples (technically aqueous and soil, respectively) were collected from intermittent streams in the overland runoff pathway at 4 locations.

Surface water and sediment samples were collected using the procedures described in Section 3. Samplers used decontaminated hand tools such as stainless steel ladles, spoons, bowls, and hand augers. Sample material was examined and a physical description of each sample was recorded in the logbook. All of the surface water and sediment samples were collected in a downgradient-to-upgradient order, in the order they are listed Table 3. For each sampling location, the surface water sample (when collected) was collected prior to collecting the co-located sediment sample. All surface water pathway and attribution samples were collected prior to soil and waste samples.

6.4 Surface Water Analytical Results

Table 4 lists the detections of hazardous substances in surface-water samples (Refs. 79, 81). No analytes occurred in surface-water samples at concentrations significantly above

background, for analytes that were present in source samples and significantly above the associated source background levels for naturally occurring analytes.

Table 5 lists detections of hazardous substances in sediment samples (Refs. 80, 81). Sediment samples SED-6, SED-8, SED-9, and SED-10, which are listed on Table 5, were collected only for attribution purposes for the surface-water pathway because they were collected from the overland runoff route, not from perennial streams. See Section 7.4 for a discussion of soil analytical results, including these sediment samples.

As listed on Table 5, hazardous substances were not detected in sediment samples from perennial streams at concentrations significantly above background, for analytes that were present in source samples and were significantly above the associated source background levels for naturally occurring analytes.

6.5 Surface Water Conclusions

The 15-mile TDL lacks drinking-water intakes. Hazardous substances were not detected in surface water or sediment samples from perennial streams at concentrations significantly above background (for analytes that were present in source samples and were significantly above the associated source backgrounds for naturally-occurring analytes), (Refs. 79-81, See Section 6.4). In conclusion, the Surface Water Pathway by itself does not warrant further HRS evaluation at this time.

7.0 SOIL EXPOSURE AND AIR PATHWAYS

7.1 Physical Conditions

Figure 4 (Ref. 86) identifies the site soil types. The southeastern portion of the 57-acre City of Marietta parcel, which is underlain by "Urban Land and Borrow Pits", contains the landfill. Section 5.1 contains additional information on soil and surface geology. The SAP for additional soil samples collected at Lockheed Elementary School in January 2007 describes the conditions on that property (Ref. 90). The Lockheed Elementary School SAP is included in Appendix D (Ref. 90).

7.2 Soil and Air Targets

According to 2000 US Census data (Ref. 61) (Table 1), a population of approximately 109,319 individuals reside within four (4) miles of the site, with approximately 458 individuals residing within one quarter (¼) mile (Ref. 61).

There are no daycare facilities located within two hundred (200) feet of the site (Refs. 7, 9, 10, 11, 14, & 71-73). The Marietta Board of Education owns property directly to the south/southwest of the site (Refs. 7, 9, 10, 11, 13, 14, & 71-73). Lockheed Elementary School is located on this property (Refs. 7, 10, 13, 14, & 71-73). In an interview for the PSA, Virginia Collier, Secretary, Marietta City Schools, stated that Lockheed Elementary serves children in grades K through 5 and that current enrollment in the school is

approximately 896 students (Ref. 56). Ms. Collier stated that Lockheed Elementary School was first constructed in the early 1990s, first started accepting students in 1993, and employed 107 staff members (e.g. teachers, maintenance personnel, etc.) (Ref. 56). In a subsequent interview on April 20, 2006, Logis Pinion, Assistant Principal, stated there are 830 students (K-5), 110 employees, and 50-75 visitors at the Lockheed Elementary campus on an average day (Ref. 72).

Fourteen residential properties are located within 50 feet to the east of the landfill (Refs. 10, 11, 13, & 14). Twelve residences are located east of the landfill on properties adjoining City of Marietta property containing the landfill (Figure 1A, Refs. 13, 71-73). Each of these residences is separated by the landfill by either a swale or a ridge (Refs. 71-74). These are the closest residences to the landfill (Refs. 71-74). During reconnaissance and sampling activities, approximately 5 workers per day were observed entering the City of Marietta Landfill, generally to dump loads of sweeper and yard waste (Refs. 71-73).

A review of the Georgia Rare Species Information from the Georgia Natural Heritage Program indicated that two (2) State designated threatened species reside in the vicinity of the landfill (Refs. 7, 9 – 11, 37, & 51). These two species are the Bay Starvine (*Schisandra glabra*) and the Indian Olive (*Nestronia umbellula)*. In addition, the Georgia Aster (*Aster georgianus*) is also known to reside near the landfill (Refs. 7, 9 – 11, 37 & 51). The Georgia Aster is currently designated as a candidate species presently under status review under the Federal Endangered Species Act (Ref. 51). Further, the Dwarf Sumac (*Rhus michauxii*) is also known to reside in the vicinity (Refs. 7, 9 – 11, 37 & 51). The Dwarf Sumac is listed as endangered under both the Federal Endangered Species Act and the Georgia Endangered Wildlife Act (Ref. 51). However, none of these species has been identified through site reconnaissance (Refs. 14, 71-74).

Approximately 0.2 acres of wetlands are located on a source (an area discussed in Section 7.4 and shown in Figure 10). Between 1 and 50 acres of wetlands exist within each of the following distances from the site: 0-0.25 mile, and 0.25-0.5 mile (Ref. 60).

7.3 Soil Sample Locations

The surface soil samples collected for evaluation of sources and the soil exposure pathway are shown on Figures 8 -10, and listed in Table 3. Surface soil samples were collected from a total of 10 locations (14 samples, S-1 through S-14), including background samples. One duplicate soil sample was collected (S-7). Surface soil samples at 4 locations were collected at two depth intervals (0-6" and 6"-2') per boring. Two July 2006 surface soil-sampling locations were located on the Lockheed Elementary School property, within 200 feet of the building. In addition, the GAEPD collected soil samples at Lockheed Elementary School in January 2007 (Refs. 87, 88, and 90). Ref. 87 contains a summary table and map identifying the January 2007 Lockheed Elementary School sampling locations.

Due to their negligible contribution to the target base, individual residential properties were not sampled. Waste sample W-1, collected from the 0-0.5 foot interval on the

western portion of the landfill, provided information pertinent to the soil-exposure pathway.

Soil and waste samples were collected using the procedures described in Section 3. Sample materials were examined and a physical description was recorded in the logbook. The trip report (Ref. 73, contained in Appendix B herein) and a summary table of the Lockheed Elementary School soil sampling results (Ref. 87 contained in Appendix D) contain additional details of the soil sampling locations, including photographs, coordinates, and measurements.

7.4 Soil Analytical Results

Table 5, which lists hazardous substances detected in sediment samples, includes the results for sediment samples collected from intermittent water bodies. These are evaluated here as soil and hence as a source. Sample SED-8 contained acetone (1,300E ug/kg [See Table 5, Footnote 5 for explanation of "E" qualifier.]), barium (91,000 ug/kg), manganese (2,100,000 ug/kg), idomethane (65 ug/kg), and 2-butanone (130 ug/kg) at concentrations significantly above background (Refs. 80 & 81).

Table 6 lists the hazardous substances detected in the July 2006 soil and waste samples. The soil analytes in surface soil detected in the July 2006 samples at concentrations significantly above background were as follows (all results in ug/kg, for surface soil samples which are evaluated in the soil exposure pathway): acetone (S-13, 1,000E [See Table 5, Footnote 5 for explanation of "E" qualifier.]); barium (S-7, 130,000; S-8, 310,000; S-10, 290,000; S-11, 370,000; and S-12, 270,000); cadmium (S-12, 540); chromium (S-7, 30,000; S-8, 31,000; S-9, 50,000; S-10, 24,000; S-11, 29,000; S-12, 19,000; S-13, 40,000; and S-14, 32,000); cobalt (S-7, 10,000; S-8, 12,000; S-10, 14,000; S-11, 15,000; and S-12, 5,900); copper (S-7, 26,000; S-8, 27,000; S-9, 81,000; S-10, 39,000; S-11, 22,000, S-12, 33,000; S-13, 59,000; and S-14, 31,000); manganese (S-7, 450,000; S-8, 310,000; S-9, 250,000; S-10, 480,000; S-11, 340,000; S-12, 1,500,000; and S-13, 1,000,000); nickel (S-7, 11,000; S-8, 15,000; S-10, 11,000; S-11, 14,000; and S-12, 9,600); vanadium (S-8, 62,000; S-9, 190,000; S-10, 71,000; S-11, 73,000; S-13, 150,000; and S-14, 130,000); zinc (S-7, 130,000; S-8, 61,000; S-9, 48,000; S-10, 130,000; S-11, 39,000; S-12, 330,000; S-13, 31,000; and S-14, 40,000); toluene (S-13, 40); p-isopropyltoluene (S-13, 57); b-BHC (S-12, 6.3); alpha Chlordane (S-12, 10); and 4,4-DDE (S-12, 6.1) (Refs. 78, 80, & 81) (Refs 78, 80, & 81).

July 2006 waste sample W-1, which contained decomposed mulch common on the northern portion of the landfill, was collected from the landfill at a depth of 0-0.5 feet (Ref. 73). It is also evaluated in the soil exposure pathway due to its collection from a depth of less than 2 feet. Detections in W-1 were as follows (all in ug/kg): acetone (1,100), barium (290,000), chromium (18,000), cobalt (6,600), copper (38,000), lead (50,000), manganese (1,500,000), nickel (8,100), vanadium (28,000), zinc (270,000), acetone (1,100), alpha chlordane (12), gamma chlordane (16), chlordane (150J), Dieldrin (6.0), and Heptachlor Epoxide (6.0) (Refs. 78, 80, & 81).

Ref. 87 (in Appendix D herein) contains a table and map summarizing the January 2007 Lockheed Elementary School sampling results and locations. The analytical results for the January 2007 Lockheed Elementary School soil samples are included as Ref. 88 (in Appendix D herein).

Approximately 0.2 acres of wetlands exist in an area along Blackjack Creek that lies between the landfill (a source) and surface soil detections for analytes detected at concentrations significantly above background (See Figure 10 and Tables 5 & 6), (Refs 13, 71-73, & 81).

7.5 Air Monitoring

No air monitoring was conducted for this SI.

7.6 Soil Exposure and Air Pathway Conclusions

Sediment samples evaluated here for the soil exposure and air pathways contained acetone, barium, manganese, idomethane, and 2-butanone at concentrations significantly above background (Refs. 80 & 81). Surface soil and surface waste samples collected from the landfill, evaluated in the soil exposure pathway, contained the following analytes at concentrations significantly above background: acetone, barium, cadmium, chromium, cobalt, copper, manganese, nickel, vanadium, zinc, toluene, p-isopropyltoluene, b-BHC, alpha Chlordane, and 4,4-DDE (Refs. 78, 80, & 81) (Refs 78, 80, & 81).

Waste sample W-1 is also evaluated in the soil exposure and air pathways due to its collection from a depth of less than 2 feet. Waste sample W-1 contained acetone, barium, chromium, cobalt, copper, lead, manganese, nickel, vanadium, zinc, acetone, alpha chlordane, gamma chlordane, chlordane, Dieldrin, and Heptachlor Epoxide (Refs. 78, 80, & 81).

Figure 10 depicts the aerial extent of soils and sediments documented to have detections available to the soil-exposure and air pathways. The EPD collected the additional (January 2006) soil samples at Lockheed Elementary School due to the detections of hazardous substances (including substances with a toxicities of 10,000 in the Superfund Chemical Data matrix [SCDM -Ref. 58]) in surface soil samples collected from Lockheed Elementary School grounds (830 students) within 200 feet of the building (Refs. 71-73, 78, 80, and 81). Although none of the July 2006 surface soil or surface waste samples exceed SCDM benchmark concentrations for any constituents, vanadium in surface soil samples S-9 (190,000 ug/kg), S-13 (150,000 ug/kg), and S-14 (130,000 ug/kg) exceeded the EPA Region IX Preliminary Remediation Goal (PRG) of 78,000 ug/kg for residential soil (Ref. 78). Soil samples S-13 and S-14 were collected on Lockheed Elementary School grounds within 200 feet of the building.
Among the additional (January 2006) soil samples collected at Lockheed Elementary School, the following surface soil samples exceeded the Region IX PRG for vanadium: LSS-21 (350,000 ug/kg), LSS-6 (200,000 ug/kg), LSS-9 (160,000 ug/kg), LSS-17

(380,000 ug/kg), LSS-BG2 (140,000 ug/kg), and LSS-14 (190,000 ug/kg), (Refs.87 and 88). Additionally, LSS-21 contained 120,000 ug/kg arsenic, which exceeded the residential and industrial soil PRGs (390 ug/kg and 1,600 ug/kg respectively) and Georgia Rules for Hazardous Site Response (GRHSR) soil notification concentration of 41,000 ug/kg (Refs. 87 and 88). However, the arsenic and vanadium in the Lockheed Elementary School soil samples are not attributable to sources at the site (i.e. the landfill and contaminated site soils) for the following reasons:

- Blackjack Creek runs between the landfill and Lockheed Elementary School, and the soil samples collected on school property were from locations outside of the 100-year floodplain, so there is no migration pathway for arsenic or vanadium in on-site sources to reach soils at the school (Figure 10, Ref. 74).

- Air deposition of contaminants derived from on-site sources is not suspected.

- The presence of arsenic in LSS-21 is at least partially attributable to green-tinged wood used to construct an overlying deck and stairway leading to a portable classroom building. Refs. 91 (a U.S. Consumer Product Safety Commission fact sheet on chromated copper arsenate [CCA]-treated wood used in playground equipment) and 92 (EPA Questions and Answers on CCA) further address health concerns regarding wood treated with CCA.

- Vanadium concentrations on the Lockheed Elementary School property, which ranged from 140,000 ug/kg to 380,000 ug/kg, were significantly above the concentration of 25,000 ug/kg in LSS-BG1, which was one of the background samples designated in the SAP for the January 2007 samples (Refs. 87, 88, and 90). However, the EPD samplers identified the lithology of LSS-BG1 as saprolite, and likely to be freshly-exposed soil, and the soil map used to identify the appropriate soil background location to be unrepresentative of the soils sampled on the school property because it does not reflect a major land disturbance (cut-and-fill) associated with construction of the school. Therefore, the vanadium concentrations detected in soils at Lockheed Elementary School have not been shown to be significantly above background.

In conclusion, the Soil Exposure and Air Migration Pathways by themselves do not warrant further HRS evaluation at this time.

8.0 OVERALL SUMMARY AND CONCLUSIONS

Hazardous substances detected in waste and soil samples, including PCBs and several metals, warranted evaluation of two sources (a landfill and contaminated soil) for their impacts on the Groundwater, Surface water, Soil exposure, and Air Pathways. The four pathways, in combination do not warrant further HRS evaluation at this time. Therefore, based on currently available information and the current site conditions, the GAEPD does not recommend the site for continued evaluation under the HRS. The results of this SI in

no way preclude site applicability to other Federal, State or local government imposed status, rules, and/or regulations.

TABLE 3.
SUMMARY OF SAMPLES
Camp Gordon Artillery Range, Marietta, Cobb County, Georgia

MAP No.	HWMB Log No.	Depth (feet) or Medium	Latitude	Longitude	Collect. Date	Purpose / Rationale	Background Sample ID	Location Description (Property Owner)
Surface Water (SW) / Sediment (SED) Samples*								
LISTED IN ORDER OF COLLECTION.								
SW-1	10383	SW	33.96987	84.51577	7/10/2006	Background, Sope Creek	N/A***	Sope Creek upstream of confluence with Blackjack Creek. (City of Marietta Parks Dept.)
SED-1	10384	SED					N/A	
SW-3	10391	SW	No	Signal	7/10/2006	Background, Blackjack Creek	N/A	Blackjack Creek upstream of PPE-1 (City of Marietta Public Works)
SED-3	10392	SED	No	Signal		Background, Blackjack Creek and Intermittent Stream Sediment Samples for use in Soil Exposure Pathway	N/A	
SW-6	10397	SW	No	Signal	7/10/2006	Attribution	N/A	Intermittent tributary upstream of PPE-1, downstream of confluence with swale on eastern edge of landfill (City of Marietta Public Works)
SED-6	10398	SED	No	Signal		Attribution/soil exposure pathway	SED-3**	
SED-8	10394	SED*	No	Signal	7/10/2006	Attribution/soil exposure pathway	SED-3**	Intermittent* tributary on southern portion of site, upstream of PPE-3. Location shown on map. (City of Marietta Public Works)
SED-9	10396	SED	No	Signal	7/10/2006	Attribution/soil exposure pathway	SED-3**	Intermittent tributary near northern edge of landfill, upstream of PPE-2 (City of Marietta Public Works)
SED-10	10400	SED	33.97515	84.51290	7/10/2006	Attribution	No Applicable Background	Intermittent swale/ditch on eastern edge of landfill (City of Marietta Public Works)
SW-2	10381	SW	33.96981	84.51564	7/10/2006	Target, Surface Water Pathway	SW-1	Sope Creek downstream of confluence with Blackjack Creek. (City of Marietta Parks Dept.)
SED-2	10382	SED					SED-1	
SW-4	10385	SW	No	Signal	7/10/2006	Target, Surface Water Pathway	SW-3	Blackjack Creek downstream of PPE-3. Location shown on map. (City of Marietta Public Works)
SED-4	10386	SED	No	Signal			SED-3	
SW-5	10389	SW	No	Signal	7/10/2006	Target, Surface Water Pathway	SW-3	Blackjack Creek upstream of PPE-2 and downstream of PPE-1 (City of Marietta Public Works)
SED-5	10390	SED	No	Signal			SED-3	
SW-7	10387	SW	No	Signal	7/10/2006	Target, Surface Water Pathway	SW-3	Blackjack Creek upstream of PPE-3 and downstream of PPE-2. Approx. 350 ft. No of Rebel Ridge Dr. on W. bank of Blackjack Ck. At fallen tree, even with sewer manhole located on E. side of creek (City of Marietta Public Works)
SED-7	10388	SED	No	Signal			SED-3	
Surface Soil Samples (<2 ft.)								
LISTED MEDIUM IN ORDER OF COLLECTION.								
S-1	10424	0-0.5	33.97276	84.51261	7/11/2006	Background for Urban Land & Borrow Pits/Pacolet Soils	N/A	Southeastern portion of landfill, near eastern boundary (supplimental) (City of Marietta Public Works)
S-2	10425	0.5-2					N/A	
S-3	10402	0-0.5	33.97324	84.51256	7/11/2006	Background for Urban Land & Borrow Pits/Pacolet Soils	N/A	Southeastern portion of landfill, near eastern boundary. (City of Marietta Public Works)
S-4	10403	0.5-2					N/A	
S-5	10401	0-0.5	No	Signal	7/12/2006	Background for Musella & Pacolet Stony Soils	N/A	NE of landfill near eastern property boundary. 190 ft. N. of 10423. (City of Marietta Public Works)
S-6	10423	0-0.5	33.97790	84.51331	7/12/2006	Background for Musella & Pacolet Stony Soils	N/A	NE of landfill near eastern boundary (supplimental). (City of Marietta Public Works)
S-7	10410	0-0.5	33.97342	84.51339	7/11/2006	Soil exposure pathway and source characterization	S-1 , S-3	South-central portion of landfill in sweeper dump area where potential leachate was observed. (City of Marietta Public Works)
S-8	10405	0-0.5	33.97502	84.51298	7/11/2006	Soil exposure pathway and source characterization	S-1, S-3	Eastern-central portion of landfill. (City of Marietta Public Works)
S-9	10406	0.5-2					S-2, S-4	
S-10	10408	0-0.5	33.97429	84.51327	7/11/2006	Soil exposure pathway and source characterization	S-1, S-3	Southwestern portion of landfill, along entry road where potential leachate was observed. (City of Marietta Public Works)
S-11	10409	0.5-2					S-2, S-4	
S-12	10404	0-0.5	33.97553	84.51289	7/11/2006	Soil exposure pathway and source	S-1, S-3	Northern edge of landfill. (City of Marietta Public Works)
S-13	10411	0-0.5	33.97259	84.51688	7/12/2006	Soil exposure pathway	S-5, S-6	Lockheed Elementary property, 150 ft. NE of building (Marietta Schools)
S-14	10412	0-0.5	33.97190	84.51679	7/12/2006	Soil exposure pathway	S-5, S-6	Lockheed Elementary property, 150 ft. E of building (Marietta Schools)
Waste Samples								
LISTED IN ORDER OF COLLECTION.								
W-1	10407	0-0.5	33.97463	84.51385	7/11/2006	Soil exposure pathway and source characterization	N/A	Western portion of landfill. (City of Marietta Public Works)
W-2	10432	4-5	33.97463	84.51385	7/11/2006	Source characterization	N/A	Western edge of landfill. (City of Marietta Public Works) Same location as 10407
Trip Blanks								
N/A	10413	N/A	N/A	N/A	N/A	Quality Assurance/Quality Control	N/A	N/A
N/A	10414	N/A	N/A	N/A	N/A			
N/A	10415	N/A	N/A	N/A	N/A			
N/A	10416	N/A	N/A	N/A	N/A			
N/A	10417	N/A	N/A	N/A	N/A			
N/A	10418	N/A	N/A	N/A	N/A			
Duplicate Samples and Rinsate Blanks								
S-7 DUP	10419	0-0.5	33.97342	84.51339	7/11/2006	Quality Assurance/Quality Control	N/A	Duplicate of surface soil sample from south-central portion of landfill in sweeper dump area where leachate observed. (City of Marietta Public Works)
SW-7 DUP	10420	SW	No	Signal	7/10/2006			Duplicate SW sample from Blackjack Creek (City of Marietta Public Works)
SED-7 DUP	10421	SED	No	Signal	7/10/2006			Duplicate SED sample from Blackjack Creek (City of Marietta Public Works)
N/A	10422	N/A	N/A	N/A	7/11/2006			Rinsate of soil/sediment sampling equipment

Analytical Parameters

Sample category	Analytical Parameters
Surface Soil Samples (<2 ft.)	Full TCL/TAL Scan: VOCs, semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide
Subsurface Soil Samples (>2 ft.)	Full TCL/TAL Scan: VOCs, semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide
Overland Runoff Route Samples	Full TCL/TAL-scan for surface water samples, including: waste VOCs, waste semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide ; Full TCL/TAL-scan for sediment samples, including: VOCs, semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide
Surface Water / Sediment Samples	Full TCL/TAL-scan for surface water samples, including: waste VOCs, waste semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide ; Full TCL/TAL-scan for sediment samples, including: VOCs, semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide
Trip Blanks	Waste VOCs, waste semi-VOCs
Duplicate Samples and Rinsate Blanks	Full TCL/TAL-scan for aqueous samples, including: waste VOCs, waste semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide ; Full TCL/TAL-scan for soil/sediment samples, including: VOCs, semi-VOCs, pesticides/arochlors, PCBs, metals, mercury, and cyanide

* Although samples from intermittent streams don't meet the HRS definitions of "surface water" and "sediment", they are referred to as such for the purposes of this sampling and analysis plan.

** Figure 4 of the SAP shows these samples to be in areas of Cartecay Soils. Therefore, SED-3 (also in an area of Cartecay Soils albeit in a perennial stream instead of intermittent) is most representative as a background sample for evaluation of these intermittent stream sediment samples in the Soil Exposure Pathway.

***N/A Not Applicable

Table 4. Hazardous Substances detected in Surface Water Samples, Camp Gordon Artillery Range (Refs. 79 & 81)

Map ID	SW-1	SW-3	SW-2	SW-4	SW-5	SW-7	SW-7 DUP	SW-6[d]
Location Description	Sope Ck. Upstr. of confluence with Blackjack Ck.	Blackjack Ck. Upstr. of PPE-1	Sope Ck. Downstr. of confluence with Blackjack Ck.	Blackjack Ck. Downstr. of PPE-3	Blackjack Ck. Upstr. of PPE 2 and downstr. Of PPE-1	Blackjack Ck. Upstr. of PPE 3 and downstr. of PPE-2	Blackjack Ck. Upstr. of PPE 3 and downstr. of PPE-2	Intermittent trib. Upstr. of PPE-1, downstr. of confluence with swale on eastern edge of landfill
Date	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006
HWMB Log #	10383	10391	10381	10385	10389	10387	10420	10397
Purpose/Rationale	BACKGROUND	BACKGROUND	Surface-Water Target	Surface-Water Target	Surface-Water Target	Surface-Water Target	Surface-Water Target	Surface-Water Attribution
Applicable Background ID[g]	N/A	N/A	SW-1	SW-3	SW-3	SW-3	SW-3	N/A
Analyte (ug/L)								
Inorganics								
Manganese	51	180	83	380	160	100	100	20
Semi-volatiles								
Bis(2-Ethylhexyl)phthalate[h]	<10	<10	ND[b]	ND	29	ND	ND	ND

a Value after "<" (ie <100) indicates reporting limit for a specific compound that was not detected in a background sample.

b ND=Not Detected. Various reporting limits.

c Shaded values are above the background reporting limit (or >3x the background concentration) are present in a source above the source background reporting limit or >3x the source background concentration (if soil is the source), and are partially or wholly attributable to the site.

d Aqueous sample from intermittent stream for attribution purposes only (not considered as surface water)

e DNE=Does Not Exist

f N/A=Not Applicable

g Boldface values exceed a screening value.

h bis(2-Ethylhexyl)phthalate is a common laboratory and field contaminant and is therefore not attributed to the landfill.

Table 5. Hazardous Substances detected in Sediment Samples Camp Gordon Artillery Range, Marietta, Cobb County, Georgia (Refs. 80 & 81)

Map ID	SED-1	SED-3	Attribution/Source Sample ID	SED-2	SED-4	SED-5	SED-7	SED-7 DUP	SED-6[5]	SED-8[5]	SED-9[5]	SED-10[5]	Region IV Waste Mgmt. Division Sediment Screening Values for Hazardous Waste Sites (ug/kg) (Ref. 80)	Region IX PRGs (2004)	
Location Description	Sope Ck. Upstr. of Confluence with Blackjack Ck.	Blackjack Ck. Upstr. of PPE-1		Sope Ck downstr. Of confluence with Blackjack Ck.	Blackjack Ck. Downstr. of PPE-3	Blackjack Ck. Upstr. of PPE-2 & downstr. Of PPE-1	Blackjack Ck. Upstr. Of PPE-3 & downstr. Of PPE-2	Blackjack Ck. Upstr. Of PPE-3 & downstr. Of PPE-2	Intermittent Trib. Upstr. Of PPE-1, downstr. Of confluence with swale on eastern edge of landfill	Intermittent Trib. On Southern Portion of Site, upstr. Of PPE-3.	Intermittent Trib. Near northern edge of landfill, upstream of PPE-2	Intermittent swale/ditch on eastern edge of landfill			
Date	7/10/2006	7/10/2006		7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006	7/10/2006			
HWMB Log #	10384	10392		10382	10386	10390	10388	10421	10398	10394	10396	10400			
Purpose/Rationale	BACKGROUND	BACKGROUND		Surface-Water Pathway Target	Surface-Water Pathway Target	Surface-Water Pathway Target	Surface-Water Pathway Target	Surface-Water Pathway Target	Surface Water Attribution/Soil Exposure Pathway	Surface Water Attribution/Soil Exposure Pathway	Surface Water Attribution/Soil Exposure Pathway	Surface Water Attribution Only		Resid. Soil (ug/kg) (Ref. 78)	Indust. Soil (ug/kg) (Ref. 78)
Applicable Background ID	N/A[7]	N/A		SED-1	SED-3	SED-3	SED-3	SED-3	SED-3[6]	SED-3[6]	SED-3[6]	For Attribution. No applicable backgd.			
Analyte (ug/kg)															
Inorganics															
Barium	<20,000[1]	21,000	S-7, S-8, S-10, S-11, S-12, W-1	ND[2]	ND	ND	25,000	ND	24,000	91,000[3]	ND	29,000	DNE[4]	DNE	DNE
Chromium	15,000	16,000	N/A	18,000	11,000	33,000	12,000	12,000	12,000	12,000	11,000	27,000	N/A	N/A	N/A
Cobalt	5,300	<5000	N/A	ND	ND	ND	ND	ND	ND	6,200	ND	6,500	N/A	N/A	N/A
Copper	9,900	5,200	N/A	3,200	3,000	6,600	5,700	5,500	6,400	6,400	5,300	14,000	N/A	N/A	N/A
Manganese	120,000	650,000	S-7 through S-12, W-1, W-2	150,000	180,000	150,000	220,000	210,000	120,000	2,100,000	24,000	230,000	DNE	DNE	DNE
Vanadium	40,000	31,000	N/A	32,000	34,000	34,000	32,000	31,000	25,000	31,000	32,000	63,000	N/A	N/A	N/A
Zinc	39,000	13,000	N/A	8,900	8,900	17,000	10,000	9,600	20,000	17,000	14,000	19,000	N/A	N/A	N/A
Volatiles															
Acetone	<130	300	N/A	ND	140	ND	ND	ND	ND	1300E[8]	160	180	N/A	N/A	N/A
Iodomethane	<6.3	11	N/A	ND	ND	ND	ND	ND	ND	65	ND	ND	DNE	DNE	DNE
2-Butanone	<130	<130	N/A	ND	ND	ND	ND	ND	ND	130	ND	ND	DNE	DNE	DNE

(1) Value after "<" (ie <100) indicates reporting limit for a specific compound that was not detected in a background sample.
(2) ND=Not Detected. Various reporting limits.
(3) Shading indicates an analyte whose detected concentration exceeds 3x the background concentration or exceeds the reporting limit of background when not detected in background; and, the analyte is detected in a source sample (above the associated source background when the analyte is naturally occurring).
(4) DNE=Does Not Exist
(5) Soil sample from intermittent stream bed referred to as "sediment" for convenience. Evaluated as part of the soil exposure pathway where an applicable background sample was collected (See Table 3).
(6) Figure 4 of the SAP shows these samples to be in areas of Cartecay Soils. Therefore, SED-3 (also in an area of Cartecay Soils albeit in a perennial stream instead of intermittent) is most representative as a background sample for evaluation of these intermittent stream sediment samples in the Soil Exposure
(7) N/A=Not Applicable
(8) E=Estimated value, unable to perform dilution on encore sample, calculated amount is above calibration curve limits.
(9) **Boldface** values exceed a screening value or PRG

Table 6. Hazardous Substances detected in Soil and Waste Samples, Camp Gordon Artillery Range (Refs. 78, 80, & 81)

Map ID	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-7 DUP	S-8	S-9	S-10	S-11	S-12	S-13	S-14	W-1	W-2[10]	Region IX PRGs (2004)	
Location Description	SE portion of landfill near eastern property boundary				NE of landfill near eastern boundary		South-central portion of landfill in sweeper dump area w/potential leachate		Eastern-central portion of landfill		SW portion of landfill along entry road where potential leachate was observed		Northern edge of landfill	Lockheed Elementary School		Western portion of landfill			
Depth (feet)	0-0.5	0.5-2	0-0.5	0.5-2	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0.5-2	0-0.5	0.5-2	0-0.5	0-0.5	0-0.5	0-0.5	4-5		
Date	7/11/2006	7/11/2006	7/11/2006	7/11/2006	7/12/2006	7/12/2006	7/11/2006	7/11/2006	7/11/2006	7/11/2006	7/11/2006	7/11/2006	7/11/2006	7/12/2006	7/12/2006	7/11/2006	7/11/2006		
HWMB Log #	10424	10425	10402	10403	10401	10423	10410	10419	10405	10406	10408	10409	10404	10411	10412	10407	10432		
Purpose/Rationale	**Background** for Urban Land & Borrow Pits/Pacolet soils (See SAP Figure 4)				**Background** for Musella & Pacolet Stony Soils (See SAP Fig. 4)		Soil Exposure Pathway & Source Characterization							Soil Exposure Pathway		Source Characterization		Resid. Soil (ug/kg) (Ref. 78)	Indust. Soil (ug/kg) (Ref. 78)
Applicable Background ID[7]	N/A[D]	N/A	N/A	N/A	N/A	N/A	S-1, S-3	S-1, S-3	S-1, S-3	S-2, S-4	S-1, S-3	S-2, S-4	S-1, S-3	S-5, S-6	S-5, S-6	N/A	N/A		
Analyte (ug/kg)																			
Inorganics																			
Barium	27,000	21,000	41,000	25,000	33,000	40,000	130,000	110,000	310,000	ND	290,000	370,000	270,000	ND	ND	290,000	ND	5,400,000	67,000,000
Cadmium	<500[8]	<500	<500	<500	<500	<500	ND[1]	ND	ND	ND	ND	ND	540	ND	ND	ND	ND	37,000	450,000
Chromium	7,100	5,300	3,900	5,100	5,700	4,500	30,000	24,000	31,000	50,000	24,000	29,000	19,000	40,000	32,000	18,000	58,000	210,000	450,000
Cobalt	<5000	<5000	<5000	<5000	<5000	<5000	10,000	7,700	12,000	ND	14,000	15,000	5,900	ND	ND	6,600	ND	900,000	1,900,000
Copper	5,300	5,700	2,700	<2500	6,000	7,000	26,000	23,000	27,000	81,000[3,11]	39,000	22,000	33,000	59,000	31,000	38,000	220,000	3,100,000	41,000,000
Lead	31,000	<9000	27,000	17,000	<9000	60,000	40,000	33,000	19,000	ND	14,000	9,100	56,000	ND	ND	50,000	600,000	400,000	800,000
Manganese	72,000	19,000	23,000	17,000	61,000	290,000	450,000	380,000	310,000	250,000	480,000	340,000	1,500,000	1,000,000	480,000	1,500,000	4,500,000	1,800,000	19,000,000
Nickel	<4000	<4000	<4000	<4000	<4000	<4000	11,000	9,100	15,000	ND	11,000	14,000	9,600	ND	ND	8,100	ND	1,600,000	20,000,000
Vanadium	17,000	13,000	12,000	12,000	13,000	11,000	51,000	43,000	62,000	**190,000**	71,000	73,000	30,000	**150,000**	**130,000**	28,000	140,000	**78,000**	1,000,000
Zinc	13,000	6,600	9,300	7,400	7,500	8,800	130,000	130,000	61,000	48,000	130,000	39,000	330,000	31,000	40,000	270,000	3,000,000	23,000,000	100,000,000
Volatiles																			
Acetone	290	110	390E[5]	160	<110	760E	670E	550	120	140	180E	ND	2300E	1000E	770E	1,100	170	14,000,000	54,000,000
Toluene	<8.5	<5.7	<9.9	<6.0	<5.5	<6.9	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	520,000	520,000
p-Isopropyltoluene	<8.5	<5.7	<9.9	<6.0	<5.5	<6.9	ND	ND	ND	ND	ND	ND	ND	57	ND	ND	ND	DNE	DNE
Pesticides																			
b-BHC	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	ND	DNE	DNE
alpha-Chlordane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	ND	ND	ND	10	ND	ND	12	14	DNE	DNE
gamma Chlordane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	27	DNE	ENE
Chlordane	<50	<50	<50	<50	<50	<50	ND	ND	ND	ND	ND	ND	ND	ND	ND	150J[F]	170	1,600	6,500
4,4-DDE	<3.0	<3.0	4.4	<3.0	<3.0	<3.0	ND	ND	ND	ND	ND	ND	6.1	ND	ND	ND	14	1,700	7,000
Dieldrin	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.0	ND	30	110
Heptachlor Epoxide	<4.0	<4.0	6.0	<4.0	<4.0	<4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.0	ND	53	190
Mirex	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	270	960
PCB-1260	<33	<33	<33	<33	<33	<33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230.0	220[9]	740

(1) ND=Not Detected
(2) DNE=Does Not Exist
(3) Shading indicates an analyte whose detected concentration exceeds 3x the background concentration or exceeds the reporting limit of background when not detected in background; and, the analyte is detected in a source sample (above the associated source background when the analyte is naturally occurring).
(4) N/A=Not Applicable
(5) Estimated Value, unable to perform dilution on Encore sample, calculated amount is above calibration curve limits
(6) J=Estimated value. Pattern exhibited signs of weathering with some early peaks missing or very low.
(7) Where two applicable background samples were collected, the highest background value for a constituent was used (Ref. P. 3 of EPA/540/F-94/030-"Establishing Background Levels".
(8) Value after "<" (ie <100) indicates reporting limit for a specific compound that was not detected in a background sample.
(9) Conservatively used lowest PRG listed for PCBs.
(10) Sample W-2 was compared to industrial PRGs only, because it was collected from >2 ft. depth.
(11) **Boldface** values exceed a screening value.

SI TABLE 1: HAZARDOUS WASTE QUANTITY (HWQ) SCORES FOR SINGLE SOURCE SITES AND FORMULAS FOR MULTIPLE SOURCE SITES

		Single Source Sites (assigned HWQ scores)	
(Column 1) TIER	(Column 2) Source Type	(Column 3) HWQ = 10	(Column 4) HWQ = 100
A Hazardous Constituent Quantity	N/A	HWQ = 1 if Hazardous Constituent Quantity data are complete HWQ = 10 if Hazardous Constituent Quantity data are not complete	>100 to 10,000 lbs
B Hazardous Wastestream Quantity	N/A	≤ 500,000 lbs	>500,000 to 50 million lbs
C Volume	Landfill	≤ 6.75 million ft^3 ≤ 250,000 yd^3	>6.75 million to 675 million ft^3 >250,000 to 25 million yd^3
	Surface impoundment	≤6,750 ft^3 ≤250 yd^3	>6,750 to 675,000 ft^3 >250 to 25,000 yd^3
	Drums	≤1,000 drums	>1,000 to 100,000 drums
	Tanks and non-drum containers	≤50,000 gallons	>50,000 to 5 million gallons
	Contaminated soil	≤6.75 million ft^3 ≤250,000 yd^3	>6.75 million to 675 million ft^3 >250,000 to 25 million yd^3
	Pile	≤6,750 ft^3 ≤250 yd^3	>6,750 to 675,000 ft^3 >250 to 25,000 yd^3
	Other	≤6,750 ft^3 ≤250 yd^3	>6,750 to 675,000 ft^3 >250 to 25,000 yd^3
D Area	Landfill	≤340,000 ft^2 ≤7.8 acres	>340,000 to 34 million ft^2 >7.8 to 780 acres
	Surface impoundment	≤1,300 ft^2 ≤0.029 acres	>1,300 to 130,000 ft^2 >0.029 to 2.9 acres
	Contaminated soil	≤3.4 million ft^2 ≤78 acres	> 3.4 million to 340 million ft^2 > 78 to 7,800 acres
	Pile	≤1,300 ft^2 ≤0.029 acres	>1,300 to 130,000 ft^2 >0.029 to 2.9 acres
	Land treatment	≤27,000 ft^2 ≤0.62 acres	>27,000 to 2.7 million ft^2 >0.62 to 62 acres

TABLE 1 (CONTINUED)

Single Source Sites (assigned HWQ scores)		Multiple Source Sites		
(Column 5) HWQ = 10,000	(Column 6) HWQ = 1,000,000	(Column 7) Divisors for Assigning Source WQ Values	(Column 2) Source Type	(Column 1) TIER
>10,000 to 1 million lbs	> 1 million lbs	lbs ÷ 1	N/A	A Hazardous Constituent Quantity
>50 million to 5 billion lbs	> 5 billion lbs	lbs ÷ 5,000	N/A	B Hazardous Wastestream Quantity
>675 million to 67.5 billion ft^3 >25 million to 2.5 billion yd^3	> 67.5 billion ft^3 > 2.5 billion yd^3	ft^3 ÷ 67,500 yd^3 ÷ 2,500	Landfill	C Volume
>675,000 to 67.5 million ft^3 >25,000 to 2.5 million yd^3	> 67.5 million ft^3 > 2.5 million yd^3	ft^3 ÷ 67.5 yd^3 ÷ 2.5	Surface Impoundment	
>100,000 to 10 million drums	> 10 million drums	drums ÷ 10	Drums	
>5 million to 500 million gallons	> 500 million gallons	gallons ÷ 500	Tanks and non-drum containers	
>675 million to 67.5 billion ft^3 >25 million to 2.5 billion yd^3	> 67.5 billion ft^3 > 2.5 billion yd^3	ft^3 ÷ 67,500 yd^3 ÷ 2,500	Contaminated Soil	
>675,000 to 67.5 million ft^3 >25,000 to 2.5 million yd^3	> 67.5 million ft^3 > 2.5 million yd^3	ft^3 ÷ 67.5 yd^3 ÷ 2.5	Pile	
>675,000 to 67.5 million ft^3 >25,000 to 2.5 million yd^3	> 67.5 million ft^3 > 2.5 million yd^3	ft^3 ÷ 67.5 yd^3 ÷ 2.5	Other	
>34 million to 3.4 billion ft^2 >780 to 78,000 acres	> 3.4 billion ft^2 >78,000 acres	ft^2 ÷ 3,400 acres ÷ 0.078	Landfill	D Area
>130,000 to 13 million ft^2 >2.9 to 290 acres	> 13 million ft^2 > 290 acres	ft^2 ÷ 13 acres ÷ 0.00029	Surface Impoundment	
> 340 million to 34 billion ft^2 > 7,800 to 780,000 acres	> 34 billion ft^2 > 780,000 acres	ft^2 ÷ 34,000 acres ÷ 0.78	Contaminated Soil	
> 130,000 to 13 million ft^2 > 2.9 to 290 acres	> 13 million ft^2 > 290 acres	ft^2 ÷ 13 acres ÷ 0.00029	Pile	
>2.7 million to 270 million ft^2 >62 to 6,200 acres	> 270 million ft^2 > 6,200 acres	ft^2 ÷ 270 acres ÷ 0.0062	Land Treatment	

HAZARDOUS WASTE QUANTITY (HWQ) CALCULATION

For each migration pathway, evaluate HWQ associated with sources that are available (i.e., incompletely contained) to migrate to that pathway. (Note: If *Actual Contamination Targets* exist for ground water, surface water, or air migration pathways, assign the calculated HWQ score or 100, whichever is greater, as the HWQ score for that pathway.) For each source, evaluate HWQ for one or more of the four tiers (SI Table 1; HRS Table 2-5) for which data exist: constituent quantity, wastestream quantity, source volume, and source area. Select the tier that gives the highest value as the source HWQ. Select the source volume HWQ rather than source area HWQ if data for both tiers are available.

Column 1 of SI Table 1 indicates the quantity tier. Column 2 lists source types for the four tiers. Columns 3, 4, 5, and 6 provide ranges of waste amount for sites with only one source, corresponding to HWQ scores at the tops of the columns. Column 7 provides formulas to obtain source waste quantity values at sites with multiple sources.

1. Identify each source type.
2. Examine all waste quantity data available for each source. Record constituent quantity and waste stream mass or volume. Record dimensions of each source.
3. Convert source measurements to appropriate units for each tier to be evaluated.
4. For each source, use the formulas in the last column of SI Table 1 to determine the waste quantity value for each tier that can be evaluated. Use the waste quantity value obtained from the highest tier as the quantity value for the source.
5. Sum the values assigned to each source to determine the total site waste quantity.
6. Assign HWQ score from SI Table 2 (HRS Table 2-6).

Note these exceptions to evaluate soil exposure pathway HWQ (see HRS Table 5-2):

- The divisor for the area (square feet) of a landfill is 34,000.
- The divisor for the area (square feet) of a pile is 34.
- Wet surface impoundments and tanks and non-drum containers are the only sources for which volume measurements are evaluated for the soil exposure pathway.

SI TABLE 2: HWQ SCORES FOR SITES

Site WQ Total	HWQ Score
0	0
1[a] to 100	1[b]
> 100 to 10,000	100
> 10,000 to 1 million	10,000
> 1 million	1,000,000

[a] If the WQ total is between 0 and 1, round it to 1.
[b] If the hazardous constituent quantity data are not complete, assign the score of 10.

SI TABLE 3:
WORKSHEET

(Includes hazardous substances detected or documented in at least one source)
Camp Gordon Artillery Range, Marietta, GA
(References: 1, 58, 81, 83)

Sources:
1. Landfill
2. Contaminated Soil

SOURCE	HAZARDOUS SUBSTANCE	TOXICITY	GROUND WATER PATHWAY		SURFACE WATER PATHWAY											AIR PATHWAY			
					OVERLAND/FLOOD MIGRATION							GROUND WATER TO SURFACE WATER				MOBILITY		TOXICITY/ MOBILITY (HRS Table 6-13)	
			GW Mobility (HRS Table 3-8)	Tox/Mobility Value (HRS Table 3-9)	Per(HRS Tables 4-10 and 4-11)	Tox/Per Value (HRS Table 4-12)	Bioac. Pot. (HRS Table 4-15) (Fresh/Env)	Tox/Pers/Bioac Value (HRS Table 4-16)	Ecotox (HRS Table 4-19)	Ecotox/Pers (HRS Table 4-20)	Ecotox/Pers/Bioacc Value (HRS Table 4-21)	Tox/Mob/ Pers Value (HRS Table 4-26)	Tox/Mob/ Pers/Bioacc Value (HRS Table 4-28)	Ecotox/Mob /Pers Value (HRS Table 4-29)	Ecotox/Mob/ Per/Bioacc Value (HRS Table 4-30)	GAS	PARTICULATE	GAS (TABLE 6-13)	PARTICULATE
2	barium	10000	0.01	100	1	10000	500	5000000	1	1	500	100	50000	100	50000	0.01	0.00008	100	0.8
2	b-BHC	NOT IN SCDM																	
2	2-butanone	NOT IN SCDM																	
2	cadmium	10000	0.01	100	1	10000	50000	500000000	10000	10000	500000000	100	5000000	100	5000000		0.00008	0	0.8
1	chlordane	10000	0.00002	0.2	1	10000	50000	500000000	10000	10000	500000000	0.2	10000	0.2	10000	Unavailable to Air Pathway			
1, 2	alpha-Chlordane	10000	0.00002	0.2	1	10000	50000	500000000	1000	1000	50000000	0.2	10000	0.2	10000	0.02	0.00008	200	0.8
1	gamma-Chlordane	10000	0.00005	0.5	1	10000	50000	500000000	0	0	0	0.5	25000	0.5	25000	Unavailable to Air Pathway			
1, 2	chromium (total)	10000	0.01	100	1	10000	500	5000000	10000	10000	5000000	100	50000	100	50000	Not in SCDM	0.00008	-	0.8
2	cobalt	10	0.01	0.1	1	10	5000	50000	0	0	0	0.1	500	0.1	500	1	0.00008	10	8E-04
1, 2	copper	0	0.01	0	1	0	5000	0	1000	1000	5000000	0	0	0	0	Not in SCDM	0.00008	-	0
1, 2	4,4-DDE (Used SCDM value for DDE)	100	0.0000002	0.00002	1	100	50000	5000000	10000	10000	500000000	0.00002	1	0.00002	1	0.002	0.00008	0.2	0.008
2	idomethane	NOT IN SCDM																	
2	p-Isopropyltoluene	NOT IN SCDM																	
1	lead	10000	0.01	100	1	10000	50000	500000000	1000	1000	50000000	100	5000000	100	5000000	Unavailable to Air Pathway			
1, 2	manganese	10000	0.01	100	1	10000	50000	500000000	0	0	0	100	5000000	100	5000000	Not in SCDM	0.00008	-	0.8
1	mirex	NOT IN SCDM																	
2	nickel	10000	0.01	100	1	10000	500	5000000	100	100	50000	100	50000	100	50000	Not in SCDM	0.00008	-	0.8
1	PCB-1260	10000	0.0000002	0.002	1	10000	50000	500000000	10000	10000	500000000	0.002	100	0.002	100	Unavailable to Air Pathway			
2	toluene	10	1	10	0.07	0.7	5000	3500	100	7	35000	0.7	3500	0.7	3500	1	0.00008	10	8E-04
1, 2	vanadium	100	0.01	1	1	100	500	50000	0	0	0	1	500	1	500	Not in SCDM	0.00008	-	0.008
1, 2	zinc	10	0.01	0.1	1	10	50000	500000	10	10	500000	0.1	5000	0.1	5000	Not in SCDM	0.00008	-	8E-04

Ground Water Observed Release Substances Summary Table

On SI Table 4, list the hazardous substances associated with the site detected in ground water samples for that aquifer. Include only those substances directly observed or with concentrations significantly greater than background levels. Obtain toxicity values from the Superfund Chemical Data Matrix (SCDM). Assign mobility a value of 1 for all observed release substances regardless of the aquifer being evaluated. For each substance, multiply the toxicity by the mobility to obtain the toxicity/mobility factor value; enter the highest toxicity/mobility value for the aquifer in the space provided.

Ground Water Actual Contamination Targets Summary Table

If there is an observed release at a drinking water well, enter each hazardous substance meeting the requirements for an observed release by well and sample ID on SI Table 5 and record the detected concentration. Obtain benchmark, cancer risk, and reference dose concentrations from SCDM. For MCL and MCLG benchmarks, determine the highest percentage of benchmark obtained for any substance. For cancer risk and reference dose, sum the percentages for the substances listed. If benchmark, cancer risk, or reference dose concentrations are not available for a particular substance, enter N/A for the percentage. If the highest benchmark percentage or the percentage sum calculated for cancer risk or reference dose equals or exceeds 100%, evaluate the population using the well as a Level I target. If these percentages are less than 100% or all are N/A, evaluate the population using the well as a Level II target for that aquifer.

SI TABLE 4: GROUND WATER OBSERVED RELEASE SUBSTANCES (BY AQUIFER)

Sample ID	Hazardous Substance	Bckgrd. Conc.	Toxicity/ Mobility	References
		Highest Toxicity/Mobility		

SI TABLE 5: GROUND WATER ACTUAL CONTAMINATION TARGETS

Well ID: _____ Level I _____ Level II _____ Population Served _____ References _____

Sample ID	Hazardous Substance	Conc. (µg/L)	Benchmark Conc. (MCL or MCLG)	% of Benchmark	Cancer Risk Conc.	% of Cancer Risk Conc.	RfD	% of RfD
			Highest Percent		Sum of Percents		Sum of Percents	

Well ID: _____ Level I _____ Level II _____ Population Served _____ References _____

Sample ID	Hazardous Substance	Conc. (µg/L)	Benchmark Conc. (MCL or MCLG)	% of Benchmark	Cancer Risk Conc.	% of Cancer Risk Conc.	RfD	% of RfD
			Highest Percent		Sum of Percents		Sum of Percents	

GROUND WATER PATHWAY
GROUND WATER USE DESCRIPTION

Describe Ground Water Use within 4 Miles of the Site:
Describe generalized stratigraphy, aquifers, municipal and private wells

Please See attached narrative: Section 5.0

+ Table 2
+ Figure 3

Show Calculations of Ground Water Drinking Water Populations for each Aquifer:
Provide apportionment calculations for blended supply systems.
County average number of persons per household: _____ Reference 14, 31, 35, 36, 71-73

132 households (321 people) within 4 miles are served by domestic wells (Ref. 31). Field reconnaissance did not identify any drinking water wells within 1 mile (Refs. 14, 71-73). There are no municipal wells within 4 miles (Ref. 35). The area within 4 miles is served by public water supply (Refs. 35, 36).

5.0 GROUNDWATER PATHWAY

5.1 Groundwater Hydrogeology

The landfill has no liner (Refs. 14, 71-73). The mean annual net precipitation for 1971-2000 if 50.20 inches (Ref. 84). The aquifer depth is approximately 67 feet (Ref. 66).

The site lies within the Northern Piedmont, and is within an exposure area of the New Georgia Group, which is Proterozoic and/or Lower Paleozoic in age, and composed of metamorphosed volcanic, subvolcanic, plutonic, and sedimentary rocks (Ref. 64). Figure 4 identifies soil types on and surrounding the site. The site is within a Lower Susceptibility Area for groundwater pollution according to the Groundwater Pollution Susceptibility Map of Georgia (Ref. 65).

Groundwater in the area exists in pore spaces of the residuum (i.e. saprolite) under water-table conditions, and in joints, fractures, and other secondary openings in bedrock (Ref. 66). Corrective action studies at Air Force Plant No. 6 (at nearby Dobbins Air Force Base) identify an "overburden aquifer" and a "bedrock aquifer," the former consisting of unconsolidated material including soil/saprolite overlying competent bedrock (Ref. 67). Groundwater within both the overburden and bedrock aquifers is heterogeneous and anisotropic (Ref. 67). Recharge in the area occurs by seepage or direct flow of rainwater in exposed rock, from precipitation that falls in the area (Ref. 66).

The conceptual hydrogeological setting developed for nearby Air Force Plant No. 6 characterizes the boundaries of overburden aquifers occurring within stream drainage basins. Local recharge to a particular overburden aquifer occurs under topographic highs and local discharge occurs to the nearest perennial stream (Ref. 67). The Air Force Plant No. 6 studies indicate that the bedrock aquifer also recharges under topographic highs, but with the bedrock aquifer discharging only to higher-order streams (Ref. 67). These conditions indicate that a significant groundwater to surface water component could be of concern with respect to Sope Creek.

Groundwater in the area is withdrawn from interlayered amphibolite, gneiss, and schist in varying proportions and thicknesses and range in depth from 67 feet to 500 feet in the area for aquifer subunits typical of those underlying the site (Ref. 66).

5.2 Groundwater Targets

Table 2 indicates, per concentric distance category, the total population served by domestic wells located within four (4) miles of the site based on 1990 Census data; there are one hundred and thirty-two (132) households (321 persons) within a 4-mile radius of the site that have domestic water wells according to the 1990 Census (Ref. 31). Figure 3 depicts groundwater wells within a 4-mile radius based on well data from GA EPD files (Ref. 32). The nearest well is identified by Census data and is between ½ and 1 mile from the site (See Table 2). However, a windshield survey conducted for the PSA was

conducted to search for evidence of wells (e.g. well houses) and it did not identify any drinking- water wells within 1.0 mile of the site (Ref. 14).

Discussions with Amy Potter, the EPD Commercial Facilities Unit, Compliance Officer/Project Manager, Air Force Plant 6, and a review of the Hazardous Waste Management Branch files indicate that there are currently no active drinking water wells within four (4) miles south of the site (Ref 34).

Glen Page, Director of Engineering, Cobb County-Marietta Water Authority (CCMWA), stated that the Authority does not own, operate, or maintain any municipal groundwater wells within four (4) miles of the site (City of Marietta Landfill) (Ref. 35). In addition, Mr. Page stated that the CCMWA provides water service to residential and non-residential properties within four (4) miles of the site (Refs. 35 & 36). Further, Mr. Page stated that the Authority operates two (2) surface water intakes for their water system – one on Lake Allatoona and one on the Chattahoochee River near Johnson Ferry Road. The Lake Allatoona surface water intake is greater than eleven (11) miles northwest (and topographically upgradient) of the site (Refs. 7, 9, & 35). The surface water intake near Johnson Ferry Road is upstream of the confluence of Sope Creek and the Chattahoochee River (Ref. 35). These two surface water intakes cannot be considered targets because they do not lie within the surface water 15-mile Target Distance Limit (TDL) (Refs. 1, 2, 9, & 37).

5.3 Groundwater Sample Locations

Due to the limited target population, no groundwater sampling was conducted.

5.4 Groundwater Analytical Results

Due to the limited target population, no groundwater sampling was conducted.

5.5 Groundwater Conclusions

The groundwater pathway is of minimal concern due to the fact that no known contaminated public and/or private drinking water wells have been identified within four (4) miles of the site and there is a relatively low number of potential groundwater targets within four (4) miles of the site (Refs. 1, 2, 4, 14, 15, & 31 – 36).

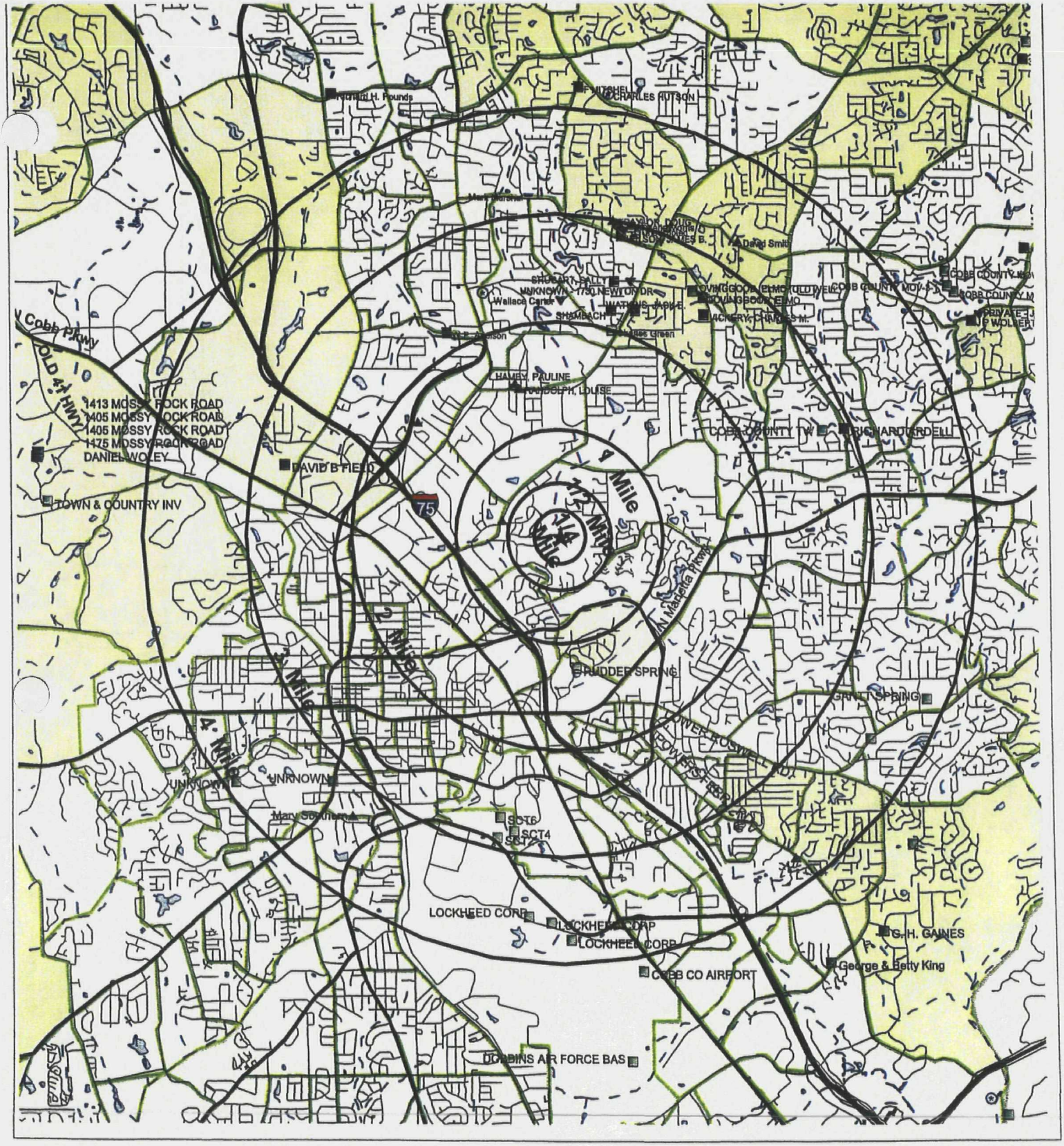
City Of Marietta
Landfill
Marietta, Cobb County

LAT 33° 58' 28"N / LONG 84° 30' 47"W

	Population		Households		Households Domestic Well		Households Public Water		Population Domestic Well		Population Public Water	
RAD	Ring	Total	Ring	Total	Ring	Total	Ring	Total	Ring	Total	Ring	Total
0.25	264	264	113	113	0	0	113	113	0	0	264	264
0.50	812	1076	348	461	0	0	348	461	0	0	812	1076
1.00	3886	4962	1699	2160	2	2	1697	2158	3	3	3882	4958
2.00	15859	20821	6492	8652	8	10	6484	8642	17	20	15842	20800
3.00	32414	53235	12876	21527	38	47	12838	21480	89	109	32325	53125
4.00	40176	93411	16061	37588	84	132	15976	37456	212	321	39964	93090

Source: Census of Populaton and Housing, 1990: Summary Tape File 3 on CD-ROM Georgia [machine-readable data files] / prepared by the Bureau of the Census. –Washington: The Bureau [producer and distributor], 1992. (Ref. 31)

TABLE 2: Population and Groundwater Use Within Four (4) Miles (City of Marietta Landfill)



Roads
State and US Highways
Interstate Highways
Rivers/Streams
Lake/Pond
Swamp/Marsh
Census Block Group Boundaries
Census Block Group with >zero domestic well

■ *Domestic Well*
■ *Unused*
▲ *Irrigation*

City of Marietta Landfill
Camp Gordon
Marietta, Cobb County

1 0 1 2 Miles

Sources: Wells from USGS GWSI (1999); EPD WRB Non-Municipal Wells (1997); EPD HWMB field surveys (2004); Surface Water Intakes from EPD GSB DR96-27(1996); Roads, Rivers, Wetlands from Georgia DOT (1993); Census data from U.S. Bureau of Census (1990)

FIGURE 3: Public & Private Wells Within 4 Miles of Site

C-15 + C-18 for each aquifer

GROUND WATER PATHWAY WORKSHEET

LIKELIHOOD OF RELEASE	Score	Data Type	Refs
1. OBSERVED RELEASE: If sampling data or direct observation support a release to the aquifer, assign a score of 550. Record observed release substances on SI Table 4.			
2. POTENTIAL TO RELEASE: Depth to aquifer: 67 feet. If sampling data do not support a release to the aquifer, and the site is in karst terrain or the depth to aquifer is 70 feet or less, assign a score of 500; otherwise, assign a score of 340. Optionally, evaluate potential to release according to HRS Section 3.	280 (see attached)		14,66, 71-73
LR =	280		

TARGETS			
Are any wells part of a blended system? Yes____ No_____ If yes, attach a page to show apportionment calculations.			
3. ACTUAL CONTAMINATION TARGETS: If analytical evidence indicates that any target drinking water well for the aquifer has been exposed to a hazardous substance from the site, evaluate the factor score for the number of people served (SI Table 5). Level I: _____ people x 10 = _____ Level II: _____ people x 1 = _____ Total =	0		
4. POTENTIAL CONTAMINATION TARGETS: Determine the number of people served by drinking water wells for the aquifer or overlying aquifers that are not exposed to a hazardous substance from the site; record the population for each distance category in SI Table 6a or 6b. Sum the population values and multiply by 0.1.	2.4		31 35
5. NEAREST WELL: Assign a score of 50 for any Level I Actual Contamination Targets for the aquifer or overlying aquifer. Assign a score of 45 if there are Level II targets but no Level I targets. If no Actual Contamination Targets exist, assign the Nearest Well score from SI Table 6a or 6b. If no drinking water wells exist within 4 miles, assign 0.	0		31 35
6. WELLHEAD PROTECTION AREA (WHPA): If any source lies within or above a WHPA for the aquifer, or if a ground water observed release has occurred within a WHPA, assign a score of 20; assign 5 if neither condition applies but a WHPA is within 4 miles; otherwise assign 0.	0		
7. RESOURCES: Assign a score of 5 if one or more ground water resource applies; assign 0 if none applies. • Irrigation (5 acre minimum) of commercial food crops or commercial forage crops • Watering of commercial livestock • Ingredient in commercial food preparation • Supply for commercial aquaculture • Supply for a major or designated water recreation area, excluding drinking water use	0		
Sum of Targets T=	11.4		

HRS TABLE	FACTOR	Value	REFS.
3-2	Containment	10 (No liners, evidence of haz. substance migr.)	14, 71-73
3-4	Net Precip.	10 (HRS Fig. 3-3)	84
3-7	Travel Time	3 Hydraulic Conductiv. 10^{-6}	71-73
3-5	Depth to Aquif.	3 67 ft. depth	66

Potential to Release
280

Surficial aquifer

SI TABLE 6 (From HRS TABLE 3-12): VALUES FOR POTENTIAL CONTAMINATION GROUND WATER TARGET POPULATIONS

SI Table 6a: Other Than Karst Aquifers

Distance from Site	Pop.	Nearest Well (choose highest)	Population Served by Wells within Distance Category												Pop. Value	Ref.
			1 to 10	11 to 30	31 to 100	101 to 300	301 to 1000	1001 to 3000	3001 to 10,000	10,001 to 30,000	30,001 to 100,000	100,001 to 300,000	300,001 to 1,000,000	1,000,000 to 3,000,000		
0 to $\frac{1}{4}$ mile	0	20	4	17	53	164	522	1,633	5,214	16,325	52,137	163,246	521,360	1,632,455		
> $\frac{1}{4}$ to $\frac{1}{2}$ mile	0	18	2	11	33	102	324	1,013	3,233	10,122	32,325	101,213	323,243	1,012,122		
> $\frac{1}{2}$ to 1 mile	3	9	1	5	17	52	167	523	1,669	5,224	16,684	52,239	166,835	522,385	1	
> 1 to 2 miles	17	5	0.7	3	10	30	94	294	939	2,939	9,385	29,384	93,845	293,842	3	
> 2 to 3 miles	89	3	0.5	2	7	21	68	212	678	2,122	6,778	21,222	67,777	212,219	7	
>3 to 4 miles	212	2	0.3	1	4	13	42	131	417	1,306	4,171	13,060	41,709	130,596	13	

Nearest Well = 9

Sum = 24

24 x 0.1 = 2.4

SI TABLE 6 (From HRS TABLE 3-12): VALUES FOR POTENTIAL CONTAMINATION GROUND WATER TARGET POPULATIONS (continued)

SI Table 6b: Karst Aquifers

Distance from Site	Pop.	Nearest Well (choose highest)	Population Served by Wells within Distance Category												Pop. Value	Ref.
			1 to 10	11 to 30	31 to 100	101 to 300	301 to 1000	1001 to 3000	3001 to 10,000	10,001 to 30,000	30,001 to 100,000	100,001 to 300,000	300,001 to 1,000,000	1,000,000 to 3,000,000		
0 to $\frac{1}{4}$ mile		20	4	17	53	164	522	1,633	5,214	16,325	52,137	163,246	521,360	1,632,455		
> $\frac{1}{4}$ to $\frac{1}{2}$ mile		20	2	11	33	102	324	1,013	3,233	10,122	32,325	101,213	323,243	1,012,122		
> $\frac{1}{2}$ to 1 mile		20	2	9	26	82	261	817	2,607	8,163	26,068	81,623	260,680	816,227		
> 1 to 2 miles		20	2	9	26	82	261	817	2,607	8,163	26,068	81,623	260,680	816,227		
> 2 to 3 miles		20	2	9	26	82	261	817	2,607	8,163	26,068	81,623	260,680	816,227		
>3 to 4 miles		20	2	9	26	82	261	817	2,607	8,163	26,068	81,623	260,680	816,227		

Nearest Well = [ ]

Sum = [ ]

GROUND WATER PATHWAY WORKSHEET (concluded)

WASTE CHARACTERISTICS	Score	Data Type	Does not Apply
8. If any Actual Contamination Targets exist for the aquifer or overlying aquifers, assign the calculated hazardous waste quantity score or a score of 100, whichever is greater; if no Actual Contamination Targets exist, assign the hazardous waste quantity score calculated for sources available to migrate to ground water.	100		
9. Assign the highest ground water toxicity/mobility value from SI Table 3 or 4.	100 (Mn)		
10. Multiply the ground water toxicity/mobility and hazardous waste quantity scores. Assign the Waste Characteristics score from the table below: (from HRS Table 2-7) (100)(100) = 10,000			

Product	WC Score
0	0
>0 to <10	1
10 to <100	2
100 to <1,000	3
1,000 to < 10,000	6
10,000 to <1E + 05	10
1E + 05 to <1E + 06	18
1E + 06 to <1E + 07	32
1E + 07 to <1E + 08	56
1E + 08 or greater	100

WC = 10

Multiply LR by T and by WC. Divide the product by 82,500 to obtain the ground water pathway score for each aquifer. Select the highest aquifer score. If the pathway score is greater than 100, assign 100.

GROUND WATER PATHWAY SCORE: $\frac{LR \times T \times WC}{82,500}$

0.38

(Maximum of 100)

$$\frac{(280)(11.4)(10)}{82,500}$$

SURFACE WATER PATHWAY

Sketch of the Surface Water Migration Route:
Label all surface water bodies. Include runoff route and drainage direction, probable point of entry, and 15-mile target distance limit. Mark sample locations, intakes, fisheries, and sensitive environments. Indicate flow directions, tidal influence, and rate.

Please see attached narrative:
Section 6.0

+ Figures:
5
6A - 6D
7
8
9

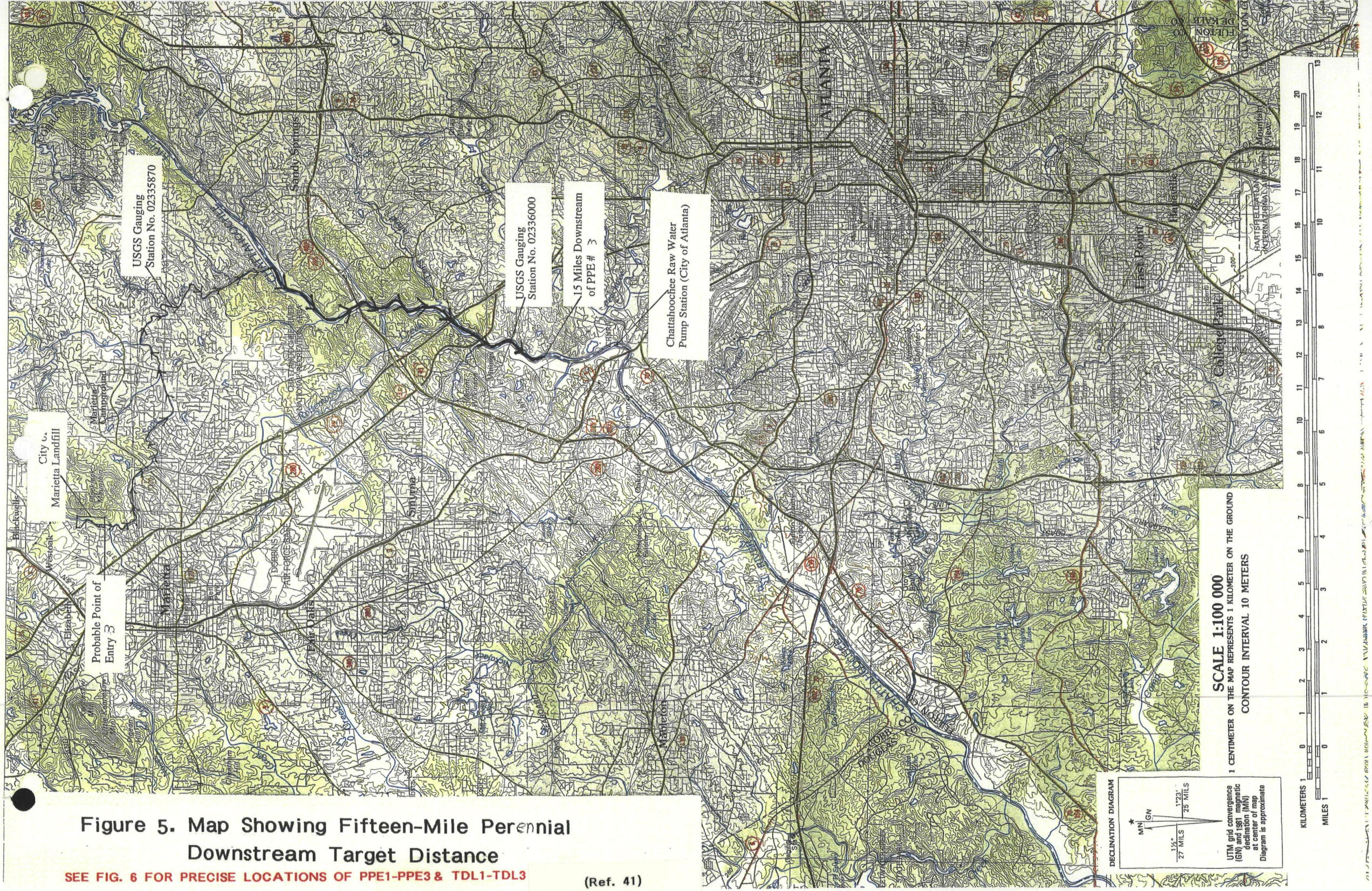


Figure 5. Map Showing Fifteen-Mile Perennial Downstream Target Distance

SEE FIG. 6 FOR PRECISE LOCATIONS OF PPE1-PPE3 & TDL1-TDL3

(Ref. 41)

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

FIGURE 6A. WETLANDS INVENTORY MAP

PPE-1 PROBABLE POINT OF ENTRY

(Ref. 60)

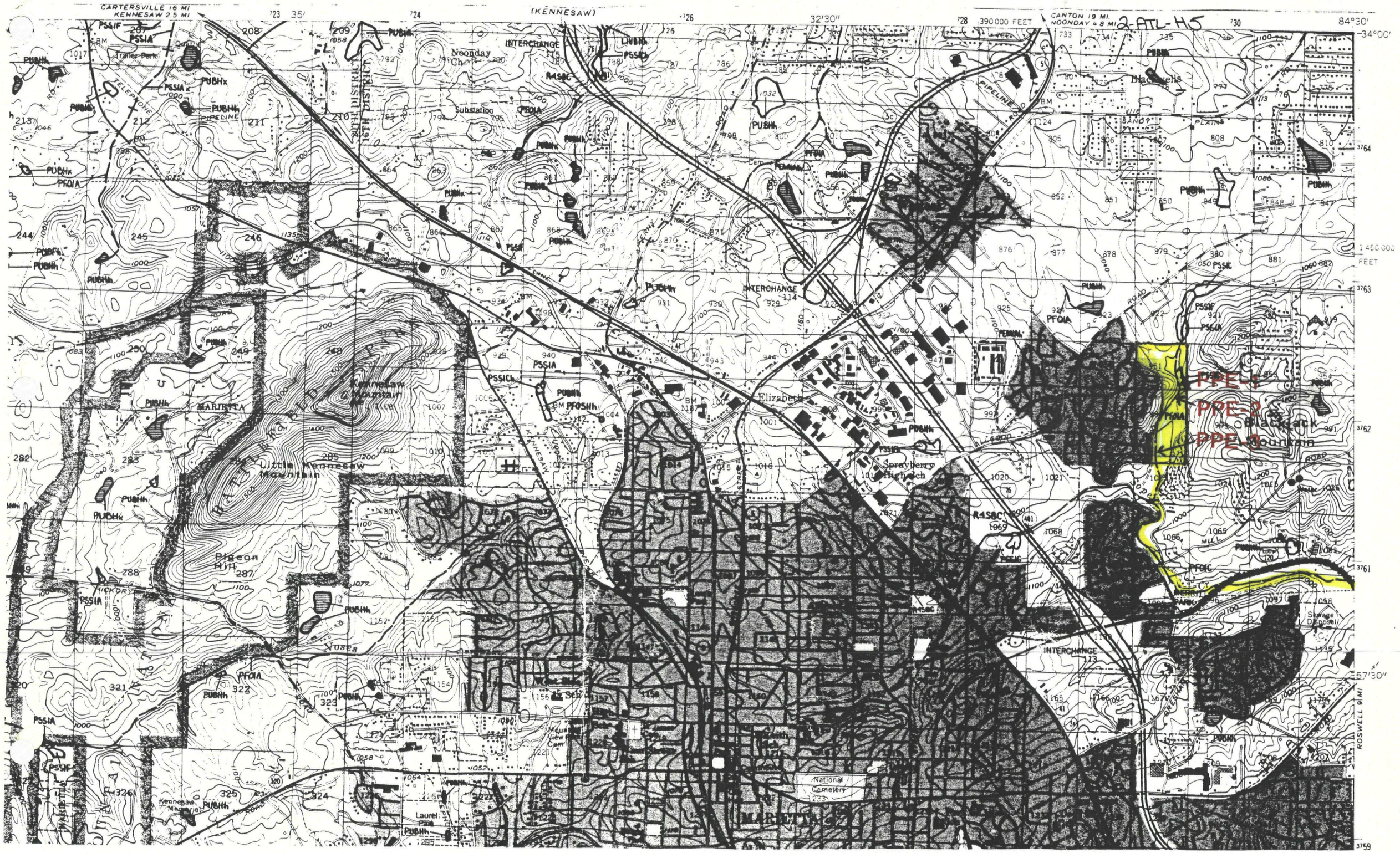
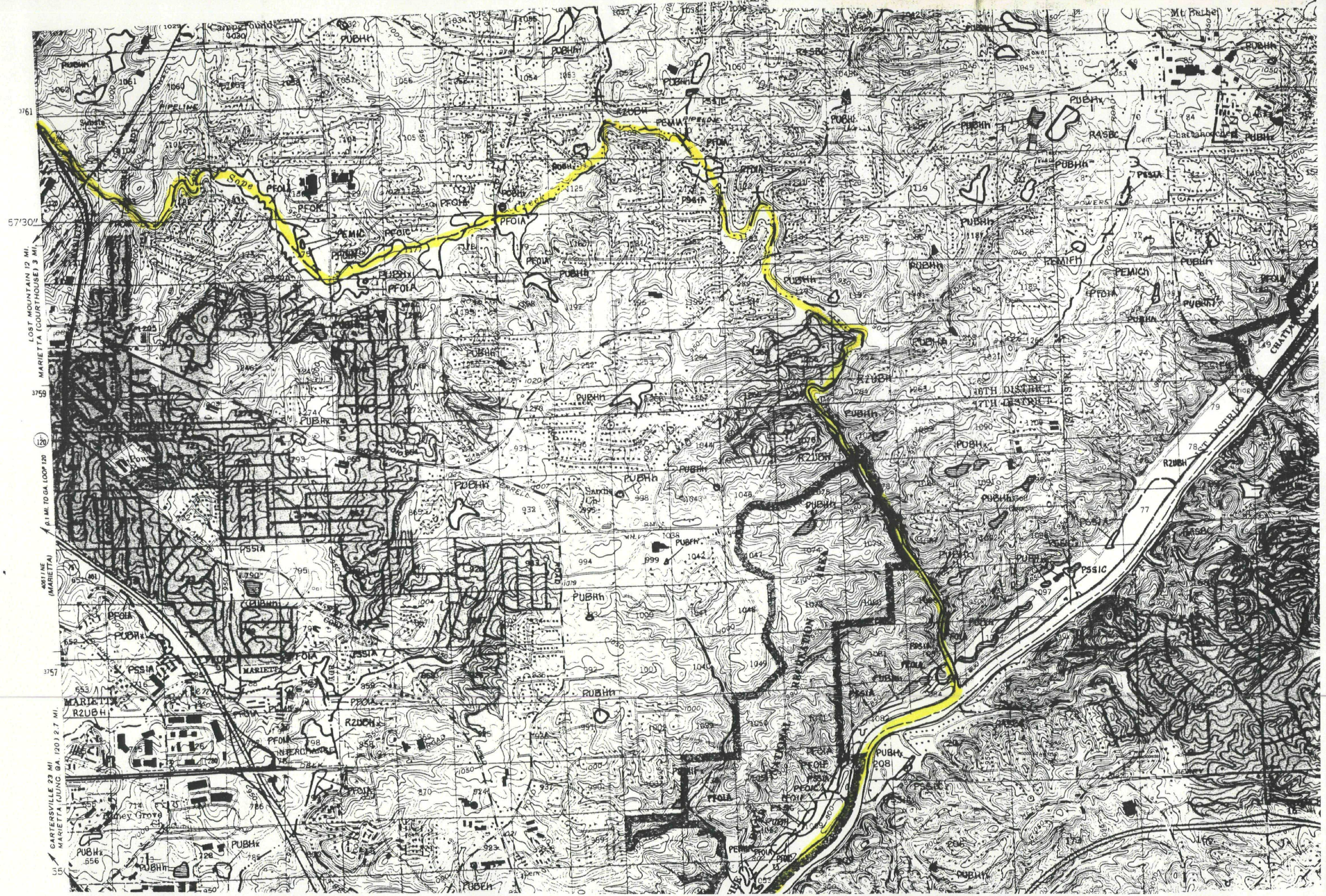


FIGURE 6B. WETLANDS INVENTORY MAP



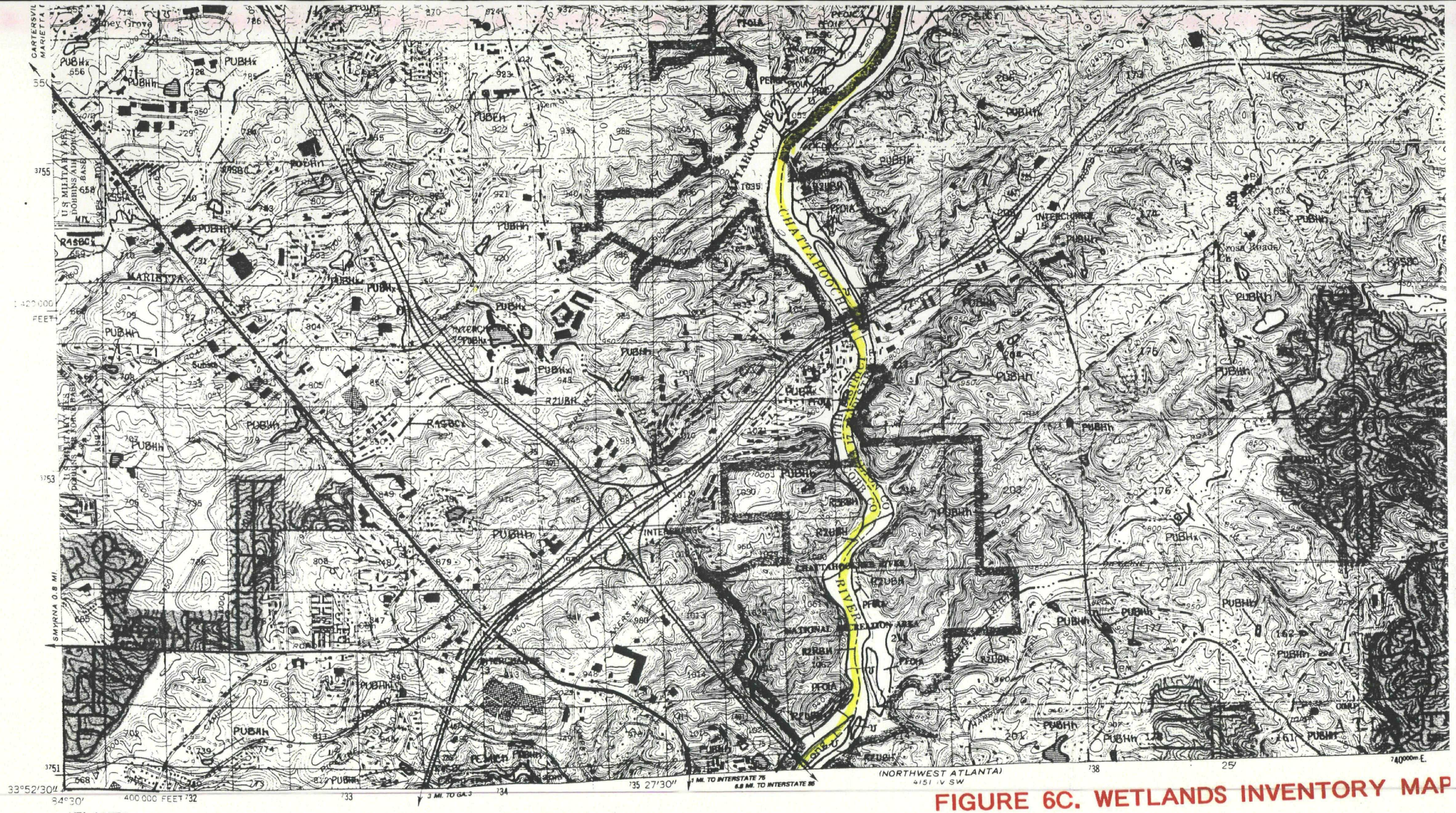


FIGURE 6C. WETLANDS INVENTORY MAP

ATLANTA NE-
ATLANTA

SCALE 1:24 000

1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

10 acres — 20 acres

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deepwater Habitats of the United States** (FWS/OBS - 79/31 December 1979). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic [illegible] some small wetlands and those

SYMBOLOGY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS
L2EM2F
SUBCLASS, WATER REGIME
UPLAND (NON-WETLAND)

NOTES TO THE USER

- Wetlands which have been field examined are ind on the map by an asterisk (*).
- Additions or corrections to the wetlands informati displayed on this map are solicited. Please forwar information to the address indicated.
- Subsystems, Classes, Subclasses, and Water Reg in *italics* were developed specifically for NATIONA WETLANDS INVENTORY mapping.
- Some areas designated as R4SB, R4SBW, OR R4 (INTERMITTENT STREAMS) may not meet the def tion of wetland.
- This map uses the class Unconsolidated Shore (U On earlier NWI maps that class was designated Bar (BB), or Flat (FL). Subclasses remain the same

FIGURE 6D. WETLANDS INVENTORY MAP

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

TDL-3
15 MILE TARGET DISTANCE LIMIT

NORTHWEST ATLANTA, GA.

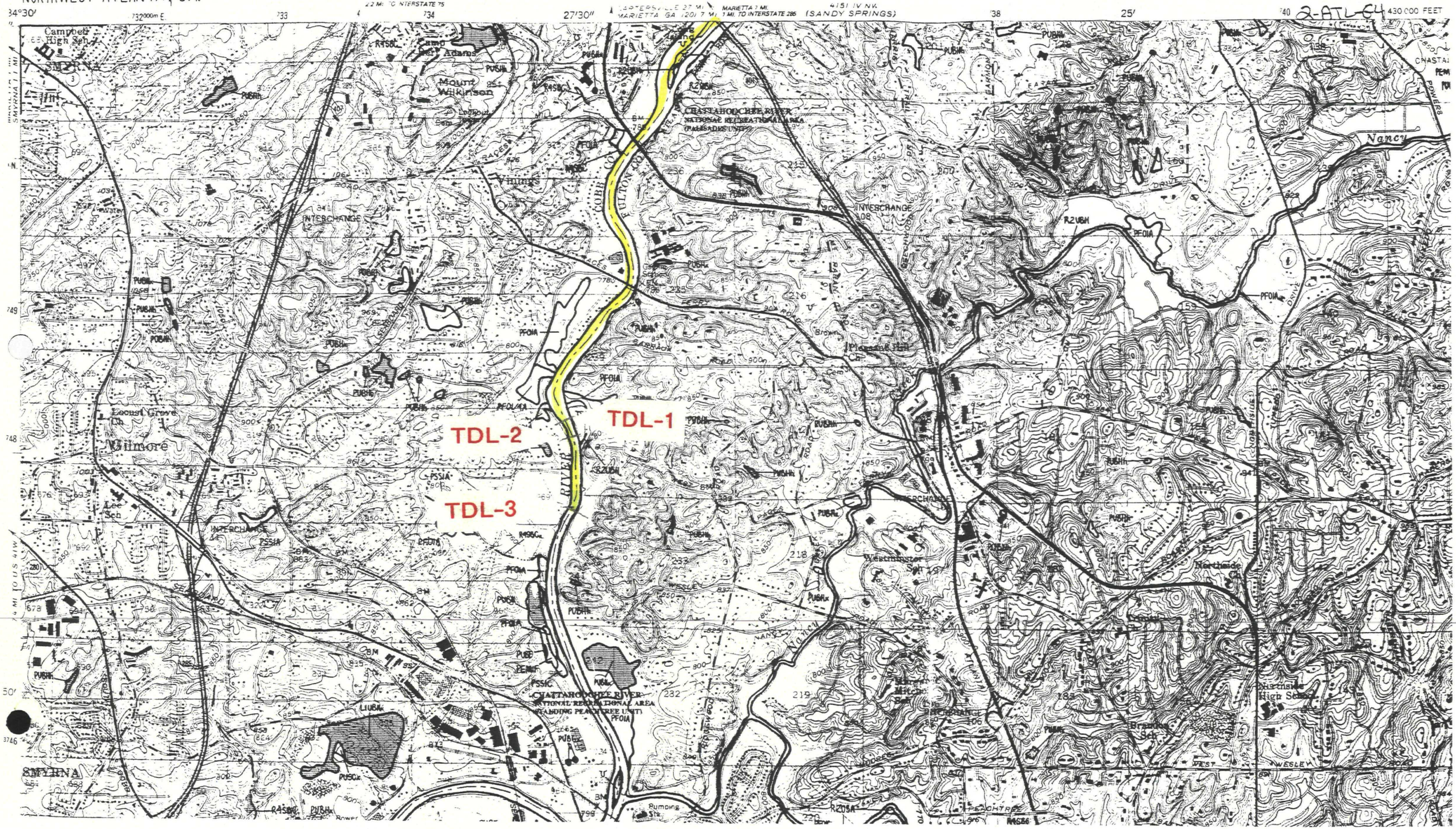
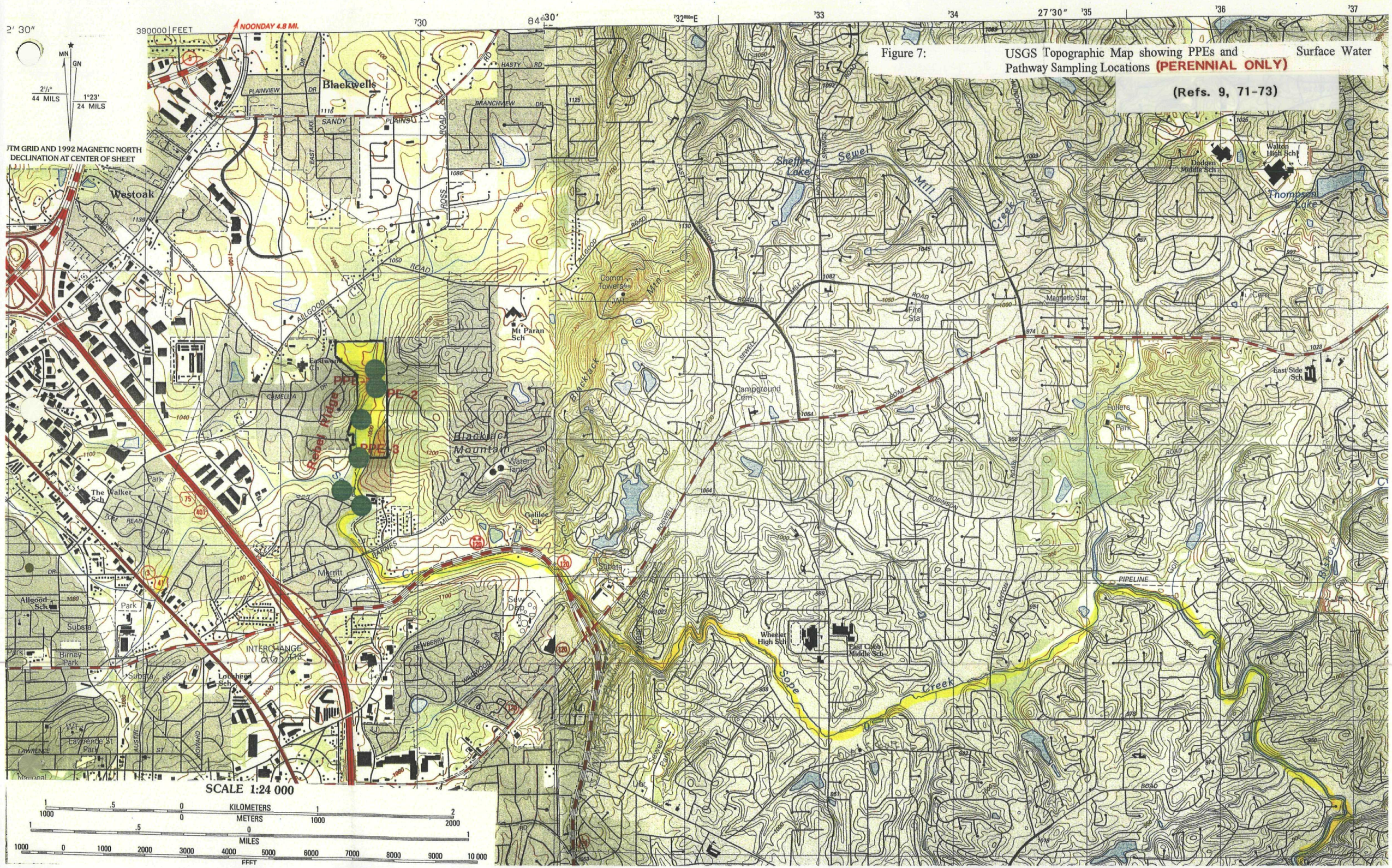
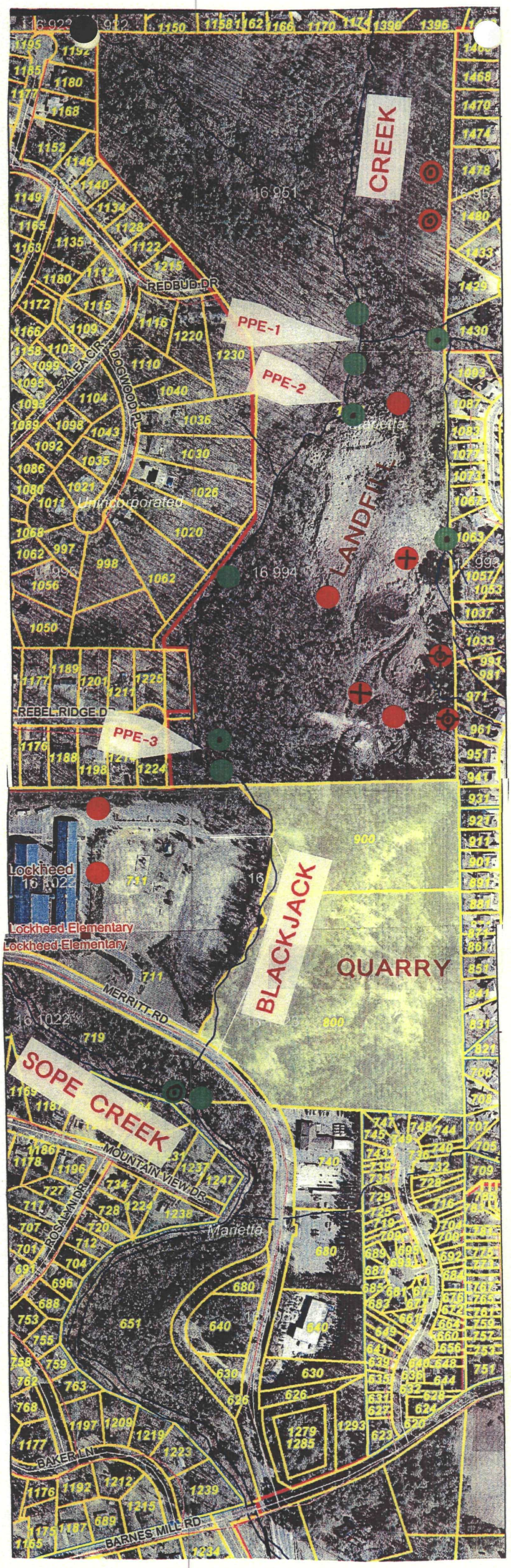
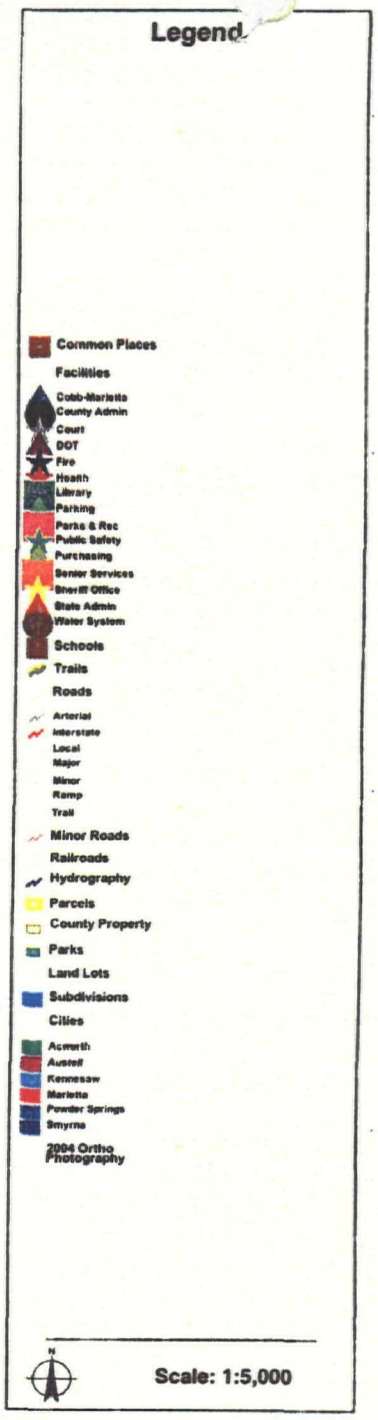


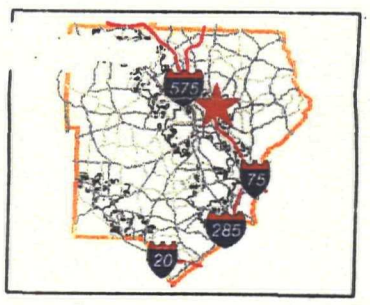
Figure 7: USGS Topographic Map showing PPEs and Surface Water Pathway Sampling Locations **(PERENNIAL ONLY)**

(Refs. 9, 71-73)









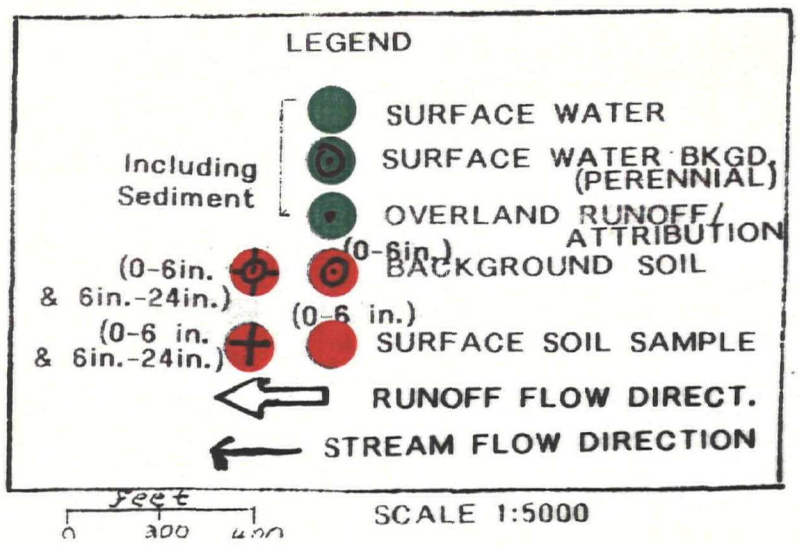


Figure 9

Aerial Photograph Showing PPEs and Sampling Locations

(Refs. 13, 71-73)

SURFACE WATER PATHWAY

Surface Water Observed Release Substances Summary Table

On SI Table 7, list the hazardous substances detected in surface water samples for the watershed, which can be attributed to the site. Include only those substances in observed releases (direct observation) or with concentration levels significantly above background levels. Obtain toxicity, persistence, bioaccumulation potential, and ecotoxicity values from SCDM. Enter the highest toxicity/persistence, toxicity/persistence/bioaccumulation, and ecotoxicity/persistence/ecobioaccumulation values in the spaces provided.

- TP = Toxicity x Persistence
- TPB = TP x bioaccumulation
- ETPB = EP x bioaccumulation (EP = ecotoxicity x persistence)

Drinking Water Actual Contamination Targets Summary Table

For an observed release at or beyond a drinking water intake, on SI Table 8 enter each hazardous substance by sample ID and the detected concentration. For surface water sediment samples detecting a hazardous substance at or beyond an intake, evaluate the intake as Level II contamination. Obtain benchmark, cancer risk, and reference dose concentrations for each substance from SCDM. For MCL and MCLG benchmarks, determine the highest percentage of benchmark obtained for any substance. For cancer risk and reference dose, sum the percentages of the substances listed. If benchmark, cancer risk or reference dose concentrations are not available for a particular substance, enter N/A for the percentage. If the highest benchmark percentage or the percentage sum calculated for cancer risk or reference dose equals or exceeds 100%, evaluate the population served by the intake as a Level I target. If the percentages are less than 100% or all are N/A, evaluate the population served by the intake as a Level II target.

SI TABLE 7: SURFACE WATER OBSERVED RELEASE SUBSTANCES

Sample ID	Hazardous Substance	Bckgrd. Conc.	Toxicity/ Persistence	Toxicity/ Persis./ Bioaccum	Ecotoxicity/ Persis/ Ecobioaccum	References
		Highest Values				

SI TABLE 8: SURFACE WATER DRINKING WATER ACTUAL CONTAMINATION TARGETS

Intake ID: _____ Sample Type _____ Level I _____ Level II _____ Population Served _____ References_____

Sample ID	Hazardous Substance	Conc. (µg/L)	Benchmark Conc. (MCL or MCLG)	% of Benchmark	Cancer Risk Conc.	% of Cancer Risk Conc.	RfD	% of RfD
			Highest Percent		Sum of Percents		Sum of Percents	

Intake ID: _____ Sample Type _____ Level I _____ Level II _____ Population Served _____ References_____

Sample ID	Hazardous Substance	Conc. (µg/L)	Benchmark Conc. (MCL or MCLG)	% of Benchmark	Cancer Risk Conc.	% of Cancer Risk Conc.	RfD	% of RfD
			Highest Percent		Sum of Percents		Sum of Percents	

Table	Factor	Value	Refs.
Potential to Release by Overland Flow = 260			
4-2	Containment	10	14, 66, 71-73, 81
4-6	Runoff	1	
4-5	Rainfall/Runoff	5	84
4-3	Drainage Area	1	71-73
4-7	Distance to Surf. Water	25 (<100 ft)	71-73
Potential to Release by flood = 250			
4-8	Containment	10	71-73
4-9	Flood freq.	25	74

LR = 500

SURFACE WATER PATHWAY
LIKELIHOOD OF RELEASE AND DRINKING WATER THREAT WORKSHEET

LIKELIHOOD OF RELEASE– OVERLAND/FLOOD MIGRATION	Score	Data Type	Refs
1. OBSERVED RELEASE: If sampling data or direct observation support a release to surface water in the watershed, assign a score of 550. Record observed release substances on SI Table 7.			
2. POTENTIAL TO RELEASE: Distance to surface water: ____(feet) If sampling data do not support a release to surface water in the watershed, use the table below to assign a score from the table below based on distance to surface water and flood frequency.	500		4 66 71-73 74 81
Optionally, evaluate surface water potential to release according to HRS Section 4.1.2.1.2			
LR =	500		

Distance to surface water	
Distance to surface water <2500 feet	500
Distance to surface water >2500 feet, and:	
Site in annual or 10-yr floodplain	500
Site in 100-yr floodplain	400
Site in 500-yr floodplain	300
Site outside 500-yr floodplain	100

LIKELIHOOD OF RELEASE GROUND WATER TO SURFACE WATER MIGRATION	Score	Data Type	Refs
1. OBSERVED RELEASE: If sampling data or direct observation support a release to surface water in the watershed, assign a score of 550. Record observed release substances on SI Table 7.			
NOTE: Evaluate ground water to surface water migration only for a surface water body that meets all of the following conditions: 1) A portion of the surface water is within 1 mile of site sources having a containment factor greater than 0. 2) No aquifer discontinuity is established between the source and the above portion of the surface water body. 3) The top of the uppermost aquifer is at or above the bottom of the surface water. Elevation of top of uppermost aquifer _____ Elevation of bottom of surface water body _____			
2. POTENTIAL TO RELEASE: Use the ground water potential to release. Optionally, evaluate surface water potential to release according to HRS Section 3.1.2.			
LR =			

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SURFACE WATER PATHWAY
LIKELIHOOD OF RELEASE AND DRINKING WATER THREAT WORKSHEET (CONTINUED)

DRINKING WATER THREAT TARGETS	Score	Data Type	Refs
Record the water body type, flow, and number of people served by each drinking water intake within the target distance limit in the watershed. If there is no drinking water intake within the target distance limit, assign 0 to factors 3, 4, and 5. Intake Name / Water Body Type / Flow / People Served NONE Are any intakes part of a blended system? Yes _____ No _____ If yes, attach a page to show apportionment calculations. 3. ACTUAL CONTAMINATION TARGETS: If analytical evidence indicates a drinking water intake has been exposed to a hazardous substance from the site, list the intake name and evaluate the factor score for the drinking water population (SI Table 8). Level I: _____ people x 10 = _____ Level II: _____ people x 1 = _____ Total =	0		
4. POTENTIAL CONTAMINATION TARGETS: Determine the number of people served by drinking water intakes for the watershed that have not been exposed to a hazardous substance from the site. Assign the population values from SI Table 9. Sum the values and multiply by 0.1.	0		
5. NEAREST INTAKE: Assign a score of 50 for any Level I Actual Contamination Drinking Water Targets for the watershed. Assign a score of 45 if there are Level II targets for the watershed, but no Level I targets. If no Actual Contamination Drinking Water Targets exist, assign a score for the intake nearest the PPE from SI Table 9. If no drinking water intakes exist, assign 0.	0		
6. RESOURCES: Assign a score of 5 if one or more surface water resource applies; assign 0 if none applies. • Irrigation (5 acre minimum) of commercial food crops or commercial forage crops • Watering of commercial livestock • Ingredient in commercial food preparation • Major or designated water recreation area, excluding drinking water use	5		
SUM OF TARGETS T=	5		

SI TABLE 9 (From HRS Table 4-14): DILUTION-WEIGHTED POPULATION VALUES FOR POTENTIAL CONTAMINATION FOR SURFACE WATER MIGRATION PATHWAY

Type of Surface Water Body	Pop.	Nearest Intake	Number of people									Pop. Value
			0	1 to 10	11 to 30	31 to 100	101 to 300	301 to 1,000	1,001 to 3,000	3,001 to 10,000	10,001 to 30,000	
Minimal Stream (<10 cfs)		20	0	4	17	53	164	522	1,633	5,214	16,325	
Small to moderate stream (10 to 100 cfs)		2	0	0.4	2	5	16	52	163	521	1,633	
Moderate to large stream (> 100 to 1,000 cfs)		0	0	0.04	0.2	0.5	2	5	16	52	163	
Large Stream to river (>1,000 to 10,000 cfs)		0	0	0.004	0.02	0.05	0.2	0.5	2	5	16	
Large River (> 10,000 to 100,000 cfs)		0	0	0	0.002	0.005	0.02	0.05	0.2	0.5	16	
Very Large River (>100,000 cfs)		0	0	0	0	0.001	0.002	0.005	0.02	0.05	0.2	
Shallow ocean zone or Great Lake (depth < 20 feet)		0	0	0	0.002	0.005	0.02	0.05	0.2	0.5	2	
Moderate ocean zone or Great Lake (Depth 20 to 200 feet)		0	0	0	0	0.001	0.002	0.005	0.02	0.05	0.2	
Deep ocean zone or Great Lake (depth > 200 feet)		0	0	0	0	0	0.001	0.003	0.008	0.03	0.08	
3-mile mixing zone in quiet flowing river (≥ 10 cfs)		10	0	2	9	26	82	261	817	2,607	8,163	
Nearest Intake =											Sum =	

References _____

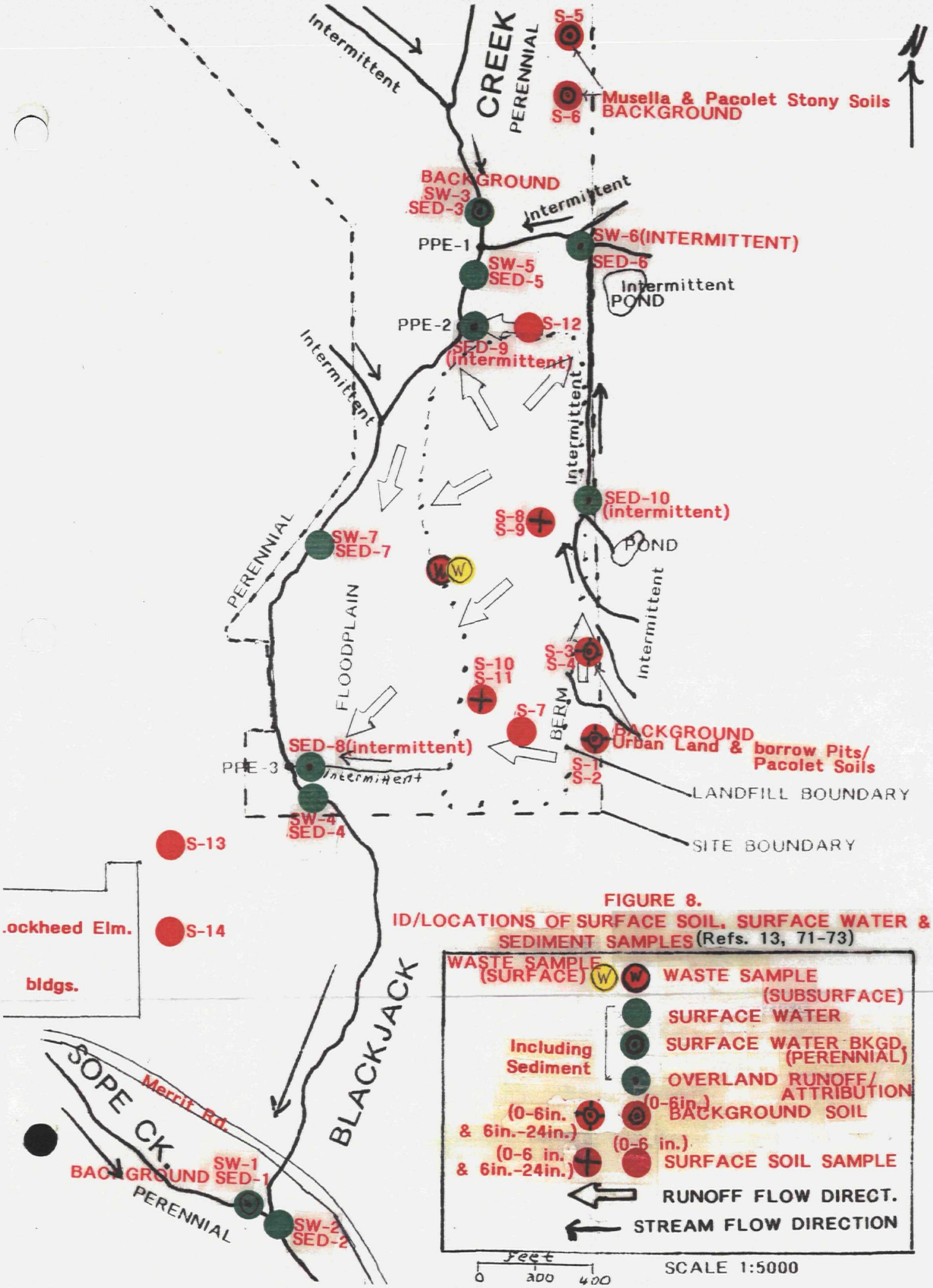

FIGURE 8.
ID/LOCATIONS OF SURFACE SOIL, SURFACE WATER & SEDIMENT SAMPLES (Refs. 13, 71-73)

SURFACE WATER PATHWAY

Human Food Chain Actual Contamination Targets Summary Table

On SI Table 10, list the hazardous substances detected in sediment, aqueous, sessile benthic organism tissue, or fish tissue samples (taken from fish caught within the boundaries of the observed release) by sample ID and concentration. Evaluate fisheries within the boundaries of observed releases detected by sediment or aqueous samples as Level II, if at least one observed release substance has a bioaccumulation potential factor value of 500 or greater (see SI Table 7). Obtain benchmark, cancer risk, and reference dose concentrations from SCDM. For FDAAL benchmarks, determine the highest percentage of benchmark obtained for any substance. For cancer risk and reference dose, sum the percentages for the substances listed. If benchmark, cancer risk, or reference dose concentrations are not available for a particular substance, enter N/A for the percentage. If the highest benchmark percentage sum calculated for cancer risk or reference dose equals or exceeds 100%, evaluate this portion of the fishery as subject to Level I concentrations. If the percentages are less than 100% or all are N/A, evaluate the fishery as a Level II target.

Sensitive Environment Actual Contamination Targets Summary Table

On SI Table 11, list each hazardous substance detected in aqueous or sediment samples at or beyond wetlands or a surface water sensitive environment by sample ID. Record the concentration. If contaminated sediments or tissues are detected at or beyond a sensitive environment, evaluate the sensitive environment as Level II. Obtain benchmark concentrations from SCDM. For AWQC/AALAC benchmarks, determine the highest percentage of benchmark of the substances detected in aqueous samples. If benchmark concentrations are not available for a particular substance, enter N/A for the percentage. If the highest benchmark percentage equals or exceeds 100%, evaluate that part of the sensitive environment subject to Level I concentrations. If the percentage is less than 100%, or all are N/A, evaluate the sensitive environment as Level II.

SI TABLE 10: HUMAN FOOD CHAIN ACTUAL CONTAMINATION TARGETS FOR WATERSHED

Fishery ID: _____ Sample Type _____ Level I _____ Level II _____ References _____

Sample ID	Hazardous Substance	Conc. (mg/kg)	Benchmark Concentration (FDAAL)	% of Benchmark	Cancer Risk Concentration	% of Cancer Risk Concentration	RfD	% of RfD
	NONE							
			Highest Percent		Sum of Percents		Sum of Percents	

SI TABLE 11: SENSITIVE ENVIRONMENT ACTUAL CONTAMINATION TARGETS FOR WATERSHED

Environment ID: _____ Sample Type _____ Level I _____ Level II _____ Environment Value _____

Sample ID	Hazardous Substance	Conc.. (µg/L)	Benchmark Concentration (AWQC or AALAC)	% of Benchmark	References
	NONE				
			Highest Percent		

Environment ID: _____ Sample Type _____ Level I _____ Level II _____ Environment Value _____

Sample ID	Hazardous Substance	Conc.. (µg/L)	Benchmark Concentration (AWQC or AALAC)	% of Benchmark	References
	NONE				
			Highest Percent		

SURFACE WATER PATHWAY (continued)
HUMAN FOOD CHAIN THREAT WORKSHEET

HUMAN FOOD CHAIN THREAT TARGETS	Score	Data Type	Refs
Record the water body type and flow for each fishery within the target distance limit. If there is no fishery within the target distance limit, assign a score of 0 at the bottom of this page.			
Fishery Name Blackwater Ch. Water Body S-M Stream Flow < 48.5 cfs			42
Species _____ Production _____ lbs/yr			
Species _____ Production _____ lbs/yr			
Fishery Name Sope Ch. Water Body S-M Stream Flow 48.5 cfs			42 49
Species _____ Production _____ lbs/yr			
Species _____ Production _____ lbs/yr			
Fishery Name Chattahoochee R. Water Body L. Stream-River Flow 1311 cfs			44 49
Species _____ Production _____ lbs/yr			
Species _____ Production _____ lbs/yr			
FOOD CHAIN INDIVIDUAL			
7. ACTUAL CONTAMINATION FISHERIES:			
If analytical evidence indicates that a fishery has been exposed to a hazardous substance with a bioaccumulation factor greater than or equal to 500 (SI Table 10), assign a score of 50 if there is a Level I fishery. Assign 45 if there is a Level II fishery, but no Level I fishery.			
8. POTENTIAL CONTAMINATION FISHERIES:			
If there is a release of a substance with a bioaccumulation factor greater than or equal to 500 to a watershed containing fisheries within the target distance limit, but there are no Level I or Level II fisheries, assign a score of 20.	FCI=2		
If there is no observed release to the watershed, assign a value for potential contamination fisheries from the table below using the lowest flow at all fisheries within the target distance limit: +	Potential HFC Popul. 3.3×10^{-4}		
FCI Value =			
SUM OF TARGETS T =	2		

Lowest Flow	FCI Value
<10 cfs	20
10 to 100 cfs	2
>100 cfs, coastal tidal waters, oceans, or Great Lakes	0
3-mile mixing zone in quiet flowing river	10

HRS 4.1.3.3, 2.3
Potential HFC Contamin.

$\frac{1}{10} \sum P_i D_i$

$+ \frac{1}{10}(0.03)(0.1)$

$+ \frac{1}{10}(0.3)(0.001)$

$= 33 \times 10^{-4}$

4-13 × 20
FCI
= 2
(no obs. release + fishery)

SURFACE WATER PATHWAY (continued)
ENVIRONMENTAL THREAT WORKSHEET

When measuring length of wetlands that are located on both sides of a surface water body, sum both frontage lengths. For a sensitive environment that is more than one type, assign a value for each type.

ENVIRONMENTAL TH AT TARGETS	Score	Data Type	Refs

Record the water body type and flow for each surface water sensitive environment within the target distance (see SI Table 12). If there is no sensitive environment within the target distance limit, assign a score of 0 at the bottom of the page.

Environment Name	Water Body Type	Flow	Refs
		cfs	42,
Blackwlach Ck	Sm Stream	<48.5 cfs	44,
Cope Ck.	Sm Stream	48.5 cfs	60
Chattahoochee R	LRG Stream/River	1311 cfs	
		cfs	

9. ACTUAL CONTAMINATION SENSITIVE ENVIRONMENTS: If sampling data or direct observation indicate any sensitive environment has been exposed to a hazardous substance from the site, record this information on SI Table 11, and assign a factor value for the environment (SI Tables 13 and 14).

Environment Name	Environment Type and Value (SI Tables 13 & 14)	Multiplier (10 for Level I, 1 for Level II)	Product
		x =	
		x =	
		x =	
		x =	
		Sum =	

Score: 0

10. POTENTIAL CONTAMINATION SENSITIVE ENVIRONMENTS:

Flow	Dilution Weight (SI Table 12)	Environment Type and Value (SI Tables 13 & 14)	Pot. Cont.	Product	Refs
10-100 cfs	0.1 x	50 Wetlands - Blackwlach x	0.1 =	0.5	42,
10-100 cfs	0.1 x	250 Wetlands Cope x	0.1 =	2.5	44,
cfs	x	x	0.1 =		60
cfs	x	x	0.1 =		
cfs	x	x	0.1 =		
			Sum =		

Score: 3

T = 3

SI TABLE 12 (HRS Table 4-13): SURFACE WATER DILUTION WEIGHTS

Type of Surface Water Body		Assigned Dilution Weight
Descriptor	**Flow Characteristics**	
Minimal stream	< 10 cfs	1
Small to moderate stream	10 to 100 cfs	0.1
Moderate to large stream	> 100 to 1,000 cfs	~~0.01~~
Large stream to river	> 1,000 to 10,000 cfs	0.001
Large river	> 10,000 to 100,000 cfs	~~0.0001~~
Very large river	> 100,000 cfs	0.00001
Coastal tidal waters	Flow not applicable; depth not applicable	0.001
Shallow ocean zone or Great Lake	Flow not applicable; depth less than 20 feet	0.001
Moderate depth ocean zone or Great Lake	Flow not applicable; depth 20 to 200 feet	0.0001
Deep ocean zone or Great Lake	Flow not applicable; depth greater than 200 feet	0.000005
3-mile mixing zone in quiet flowing river	10 cfs or greater	0.5

SI TABLE 13 (HRS TABLE 4-23): SURFACE WATER AND AIR SENSITIVE ENVIRONMENTS VALUES

SENSITIVE ENVIRONMENT	*ASSIGNED VALUE*
Critical habitat for Federal designated endangered or threatened species Marine Sanctuary National Park Designated Federal Wilderness Area Ecologically important areas identified under the Coastal Zone Wilderness Act Sensitive Areas identified under the National Estuary Program or Near Coastal Water Program of the Clean Water Act Critical Areas identified under the Clean Lakes Program of the Clean Water Act (subareas in lakes or entire small lakes) National Monument (air pathway only) National Seashore Recreation Area National Lakeshore Recreation Area	100
Habitat known to be used by Federal designated or proposed endangered or threatened species National Preserve National or State Wildlife Refuge Unit of Coastal Barrier Resources System Coastal Barrier (undeveloped) Federal land designated for the protection of natural ecosystems Administratively Proposed Federal Wilderness Area Spawning areas critical for the maintenance of fish/shellfish species within a river system, bay, or estuary Migratory pathways and feeding areas critical for the maintenance of anadromous fish species within river reaches or areas in lakes or coastal tidal waters in which the fish spend extended periods of time Terrestrial areas utilized by large or dense aggregations of vertebrate animals (semi-aquatic foragers) for breeding National river reach designated as recreational	75
Habitat known to be used by State designated endangered or threatened species Habitat known to be used by a species under review as to its Federal endangered or threatened status Coastal Barrier (partially developed) Federally designated Scenic or Wild River	50
State land designated for wildlife or game management State designated Scenic or Wild River State designated Natural Area Particular areas, relatively small in size, important to maintenance of unique biotic communities	25
State designated areas for the protection of maintenance of aquatic life under the Clean Water Act	5
Wetlands — See SI Table 14 (Surface Water Pathway) or SI Table 23 (Air Pathway)	

SI TABLE 14 (HRS TABLE 4-24): SURFACE WATER WETLANDS FRONTAGE VALUES

Total Length of Wetlands	Assigned Value
Less than 0.1 mile	0
0.1 to 1 mile	25
Greater than 1 to 2 miles	50
Greater than 2 to 3 miles	75
Greater than 3 to 4 miles	100
Greater than 4 to 8 miles	150
Greater than 8 to 12 miles	250
Greater than 12 to 16 miles	350
Greater than 16 to 20 miles	450
Greater than 20 miles	500

See attached Page -

ATTACHMENT TO PAGE C-31

Reference 60:

Blackjack Creek (3,600 ft.)(2)=7,200 ft.= 4 miles

Sope Creek (5 Mi.)(2)=10mi.Qualifying Wetlands*

* Note: 4 miles of Sope Creek contain wetlands with an unconsolidated bottom, which do not qualify as HRS wetlands in a riverine system (HRS Guidance Manual, *Appendix A, Highlight A-8 [Ref. 62]*).

SURFACE WATER PATHWAY (concluded)
WASTE CHARACTERISTICS, THREAT, AND PATHWAY SCORE SUMMARY

WASTE CHARACTERISTICS

	Score
14. If an Actual Contamination Target (drinking water, human food chain, or environmental threat) exists for the watershed, assign the calculated hazardous waste quantity score, or a score of 100, whichever is greater.	0

15. Assign the highest value from SI Table 7 (observed release) or SI Table 3 (no observed release) for the hazardous substance waste characterization factors below. Multiply each by the surface water hazardous waste quantity score and determine the waste characteristics score for each threat.

	Substance Value	HWQ	Product	WC Score (from Table) (Maximum of 100)
Drinking Water Threat Toxicity/Persistence	10,000 (Cd) x	100 =	1×10^6	32
Food Chain Threat Toxicity/Persistence Bioaccumulation	5×10^7 (Cd) (Using fresh food x bioacc.)	100 =	5×10^9	180
Environmental Threat Ecotoxicity/Persistence/ Ecobioaccumulation	5×10^8 (Cd) x	100 =	5×10^{10}	320

Product	WC Score
0	0
>0 to <10	1
10 to <100	2
100 to <1,000	3
1,000 to < 10,000	6
10,000 to <1E + 05	10
1E + 05 to <1E + 06	18
1E + 06 to <1E + 07	32
1E + 07 to <1E + 08	56
1E + 08 to <1E + 09	100
1E + 09 to <1E + 10	180
1E + 10 to <1E + 11	320
1E + 11 to <1E + 12	560
1E + 12 or greater	1000

SURFACE WATER PATHWAY THREAT SCORES

Threat	Likelihood of Release (LR) Score	Targets (T) Score	Pathway Waste Characteristics (WC) Score (determined above)	Threat Score $\frac{LR \times T \times WC}{82,500}$
Drinking Water	500	5	32	(maximum of 100) 1
Human Food Chain	500	2	180	(maximum of 100) 2.2
Environmental	500	3	320	(maximum of 60) 5.8

SURFACE WATER PATHWAY SCORE (Drinking Water Threat + Human Food Chain Threat + Environmental Threat) (maximum of 100) 9

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SOIL EXPOSURE PATHWAY

If there is no observed contamination (e.g., ground water plume with no known surface source), do not evaluate the soil exposure pathway. Discuss evidence for no soil exposure pathway.

Soil Exposure Resident Population Targets Summary

For each property (duplicate page 35 as necessary):

If there is an area of observed contamination on the property and within 200 feet of a residence, school, or day care center, enter on Table 15 each hazardous substance by sample ID. Record the detected concentration. Obtain cancer risk, and reference dose concentrations from SCDM. Sum the cancer risk and reference dose percentages for the substances listed. If cancer risk or reference dose concentrations are not available for a particular substance, enter N/A for the percentage. If the percentage sum calculated for cancer risk or reference dose equals or exceeds 100%, evaluate the residents and students as Level I. If both percentages are less than 100% or all are N/A, evaluate the targets as Level II.

Please see attached Narrative:
Section 7.0

+ Figures 4, 8, 9 (included previously)
~~Figure 10 (to follow)~~
+ Table 1 (to follow)
+ Tables 5 & 6 (included previously)

+ Ref. 87 (Lockheed Elementary Soil Sample Summary Table)
+ Ref 87 (Map showing location of Lockheed Elem. Soil Samples)
+ Figure 10 (Revised)

ATTACHMENT TO PAGE C-34

Per the HRS Guidance Manual (Ref. 62, p. 352), an area of observed contamination must be covered by < 2 feet of cover material, and if any sample taken from a source other than contaminated soil indicates the presence of observed contamination, then the entire source is considered to be an area of observed contamination. The landfill meets these criteria as follows:

1) The landfill does not have an engineered cover,

2) Landfill waste is visible,

3) Observed contamination exists in soil (See Table 6), and

4) Source sample W-2 documents the presence of observed contamination in the landfill (See Table 6)(Refs. 71-73).

Therefore, both contaminated soil and the landfill are considered to be sources available to the Soil Exposure Pathway, and observed contamination exists over the entire landfill.

Note that observed contamination extends to areas outside the landfill, as shown in Figure 10. The area of observed contamination totals 34 acres, and is located on school property, within 200 feet of the Lockheed Elementary School building (See Figure 10).

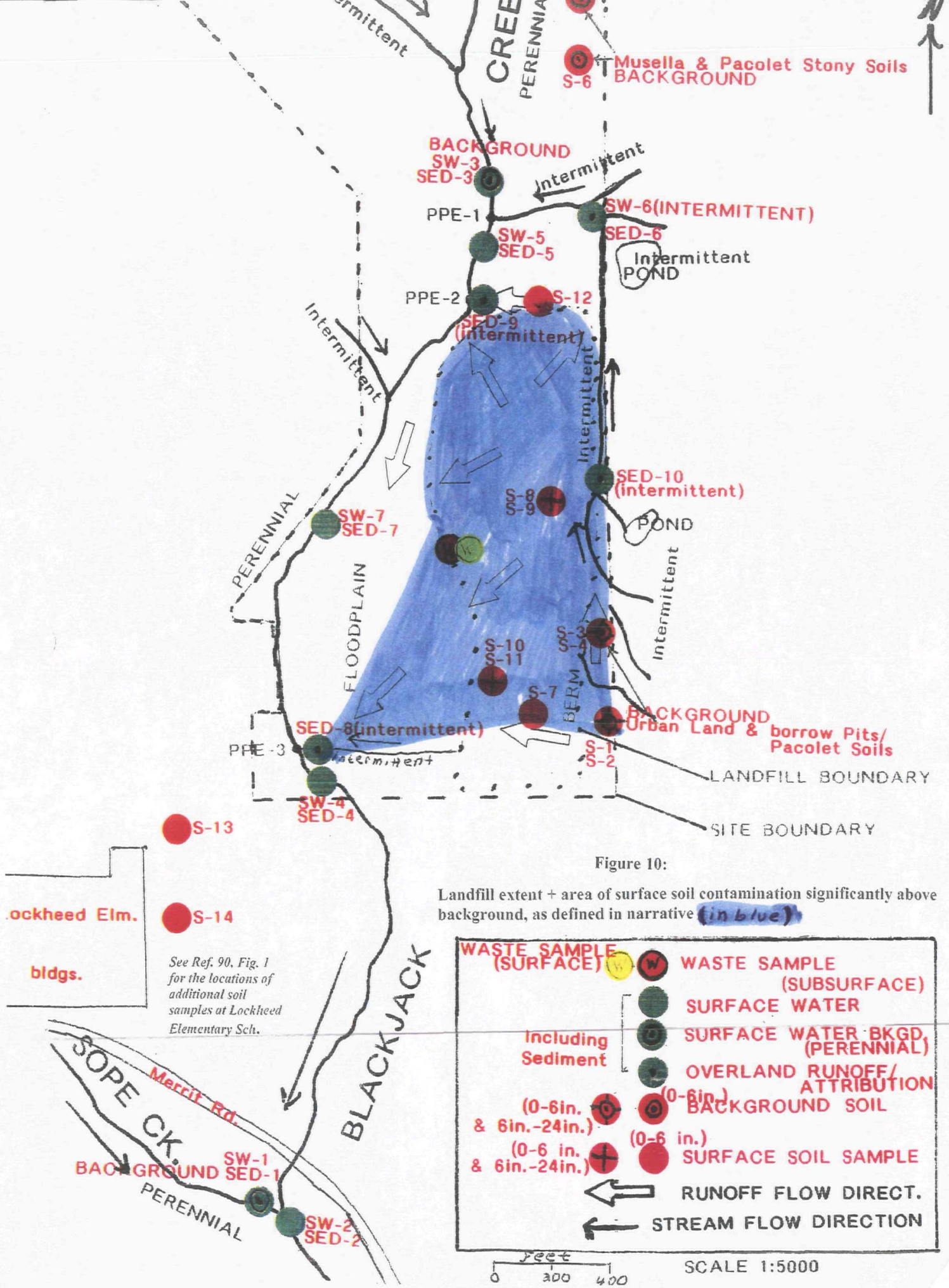

Figure 10:

Landfill extent + area of surface soil contamination significantly above background, as defined in narrative (in blue)

City of Marietta
Landfill
Marietta, Cobb County

LAT 33° 58' 28"N / LONG 84° 30' 47"W

Rad	Population Ring	Population Total	Population Public Water Ring	Population Public Water Total
.25	458	458	211	211
.5	1,435	1,893	598	809
1	5,287	7,180	2,211	3,020
2	19,260	26,439	7,850	10,870
3	34,987	61,426	13,901	24,771
4	47,893	109,319	18,596	43,367

Source: Census of Populaton and Housing, 2000: Summary Tape File 3 on CD-ROM Georgia [machine-readable data files] / prepared by the Bureau of the Census. –Washington: The Bureau [producer and distributor], 2003. (Ref. 61)

TABLE 1: Population Within Four (4) Miles

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SI TABLE 15: SOIL EXPOSURE RESIDENT POPULATION TARGETS

Residence ID: Lockheed Elementary Level I ____ Level II ✓ Population 830 students

Sample ID	Hazardous Substance	Conc. (mg/kg)	NON-Cancer Risk Concentration mg/kg	% of NON-Cancer Risk Conc.	RfD	% of RfD	Toxicity Value	References
S-13, S-14	Cr	40	230	17			10,000	1,58,81,83
S-13, S-14	Cu	59	—	—			0	
S-13	Mn	1000	11000	9			10,000	
S-13, S-14	Vd	150	550	27			100	
S-13, S-14	Zn	140	23000	0.17			10	
			Highest Percent		Sum of Percents		Sum of Percents	

Continued from above

Residence ID: ____ Level I ____ Level II ____ Population ____

Sample ID	Hazardous Substance	Conc. (mg/kg)	Non-Cancer Risk Concentration	% of Cancer Risk Conc.	RfD	% of RfD	Toxicity Value	References
S-13	Toluene	0.040	16000	0.00025			10	1,58,81,83
S-13	P-isopropyltoluene	0.057	Not in SCDM	—			—	58
S-13	Acetone	1E	70000	0.0014286			1	1,58,81,83
			Highest Percent	27	Sum of Percents		Sum of Percents	

Residence ID: ____ Level I ____ Level II ____ Population ____

Sample ID	Hazardous Substance	Conc. (mg/kg)	Cancer Risk Concentration	% of Cancer Risk Conc.	RfD	% of RfD	Toxicity Value	References
			Highest Percent		Sum of Percents		Sum of Percents	

SOIL EXPOSURE PATHWAY WORKSHEET
RESIDENT POPULATION THREAT

LIKELIHOOD OF EXPOSURE	Score	Data Type	Refs
1. OBSERVED CONTAMINATION: If evidence indicates presence of observed contamination (depth of 2 feet or less), assign a score of 550; otherwise, assign a 0. Note that a likelihood of exposure score of 0 results in a soil exposure pathway score of 0.	550		81
LE =	550		

TARGETS			
2. RESIDENT POPULATION: Determine the number of people occupying residences or attending school or day care on or within 200 feet of areas of observed contamination (HRS section 5.1.3). Level I: ____ people x 10 = ____ Level II: ~~830~~ people x 1 = ~~830~~ Sum =	~~830~~	72	
3. RESIDENT INDIVIDUAL: Assign a score of 50 if any Level I resident population exists. Assign a score of 45 if there are Level II targets but no Level I targets. If no resident population exists (*i.e.*, no Level I or Level II targets), assign 0 (HRS Section 5.1.3).	~~45~~		
4. WORKERS: Assign a score from the table below for the total number of workers at the site and nearby facilities with areas of observed contamination associated with the site.	10		72

Number of Workers	Score
0	0
1 to 100	5
101 to 1,000	10
>1,000	15

5. TERRESTRIAL SENSITIVE ENVIRONMENTS: Assign a value for each terrestrial sensitive environment (SI Table 16) in an area of observed contamination.	0		
Sum =			
6. RESOURCES: Assign a score of 5 if any one or more of the following resources is present on an area of observed contamination at the site; assign 0 if none applies. • Commercial agriculture • Commercial silviculture • Commercial livestock production or commercial livestock grazing	0		
Total of Targets T=	~~885~~ 10		

Terrestrial Sensitive Environment Type	Value

SI TABLE 16 (HRS TABLE 5-5): SOIL EXPOSURE PATHWAY TERRESTRIAL SENSITIVE ENVIRONMENT VALUES

TERRESTRIAL SENSITIVE ENVIRONMENT	*ASSIGNED VALUE*
Terrestrial critical habitat for Federal designated endangered or threatened species National Park Designated Federal Wilderness Area National Monument	100
Terrestrial habitat known to be used by Federal designated or proposed threatened or endangered species National Preserve (terrestrial) National or State terrestrial Wildlife Refuge Federal land designated for protection of natural ecosystems Administratively proposed Federal Wilderness Area Terrestrial areas utilized by large or dense aggregations of animals (vertebrate species) for breeding	75
Terrestrial habitat used by State designated endangered or threatened species Terrestrial habitat used by species under review for Federal designated endangered or threatened status	50
State lands designated for wildlife or game management State designated Natural Areas Particular areas, relatively small in size, important to maintenance of unique biotic communities	25

SOIL EXPOSURE PATHWAY WORKSHEET
NEARBY POPULATION THREAT

LIKELIHOOD OF EXPOSURE	Score	Data Type	Ref.
7. Attractiveness/Accessibility (from SI Table 17 or HRS Table 5-6) Value 100 School = Designated Recreational Area	100		72
Area of Contamination (from SI Table 18 or HRS Table 5-7) Value 1,500,000 SF	100		71-73
Likelihood of Exposure (from SI Table 19 or HRS Table 5-8)			
LE =	500		

TARGETS	Score	Data Type	Ref.
8. Assign a score of 0 if Level I or Level II resident individual has been evaluated or if no individuals live within 1/4 mile travel distance of an area of observed contamination. Assign a score of 1 if nearby population is within 1/4 mile travel distance and no Level I or Level II resident population has been evaluated.	0		
9. Determine the population within 1 mile travel distance that is not exposed to a hazardous substance from the site (*i.e.*, properties that are not determined to be Level I or Level II); record the population for each distance category in SI Table 20 (HRS Table 5-10). Sum the population values and multiply by 0.1.	6.6		61
T =	6.6		

SI TABLE 17 (HRS TABLE 5-6): ATTRACTIVENESS/ACCESSIBILITY VALUES

Area of Observed Contamination	Assigned Value
Designated recreational area	100
Regularly used for public recreation (for example, vacant lots in urban area)	75
Accessible and unique recreational area (for example, vacant lots in urban area)	75
Moderately accessible (may have some access improvements–for example, gravel road) with some public recreation use	50
Slightly accessible (for example, extremely rural area with no road improvement) with some public recreation use	25
Accessible with no public recreation use	10
Surrounded by maintained fence or combination of maintained fence and natural barriers	5
Physically inaccessible to public, with no evidence of public recreation use	0

SI TABLE 18 (HRS TABLE 5-7): AREA OF CONTAMINATION FACTOR VALUES

1,500,000 s.f.

Total area of the areas of observed contamination (square feet)	Assigned Value
≤ to 5,000	5
> 5,000 to 125,000	20
> 125,000 to 250,000	40
> 250,000 to 375,000	60
> ~~375,000 to 500,000~~	80
> 500,000	~~100~~

SI TABLE 19 (HRS TABLE 5-8): NEARBY POPULATION LIKELIHOOD OF EXPOSURE FACTOR VALUES

AREA OF CONTAMINATION FACTOR VALUE	ATTRACTIVENESS/ACCESSIBILITY FACTOR VALUE						
	100	75	50	25	10	5	0
100	500	500	375	250	125	50	0
80	500	375	250	125	50	25	0
60	375	250	125	50	25	5	0
40	250	125	50	25	5	5	0
20	125	50	25	5	5	5	0
5	50	25	5	5	5	5	0

SI TABLE 20 (HRS TABLE 5-10): DISTANCE-WEIGHTED POPULATION VALUES FOR NEARBY POPULATION THREAT

Travel Distance Category (miles)	Pop.	Number of people within the travel distance category												Pop. Value
		0	1 to 10	11 to 30	31 to 100	101 to 300	301 to 1,000	1,001 to 3,000	3,001 to 10,001	10,001 to 30,000	30,001 to 100,000	100,001 to 300,000	300,001 to 1,000,000	
Greater than 0 to $\frac{1}{4}$	458	0	0.1	0.4	1.0	4	13	41	130	408	1,303	4,081	13,034	13
Greater than $\frac{1}{4}$ to $\frac{1}{2}$	1435	0	0.05	0.2	0.7	2	7	20	65	204	652	2,041	6,517	20
Greater than $\frac{1}{2}$ to 1	5287	0	0.02	0.1	0.3	1	3	10	33	102	326	1,020	3,258	33

Reference(s) 61

Sum = 66

66 x 0.1 = 6.6

SOIL EXPOSURE PATHWAY WORKSHEET (concluded)

WASTE CHARACTERISTICS

10.	Assign the hazardous waste quantity score calculated for soil exposure	100
11.	Assign the highest toxicity value from SI Table 16	10,000
12.	Multiply the toxicity and hazardous waste quantity scores. Assign the Waste Characteristics score from the table below:	WC = 32

Product	WC Score
0	0
>0 to <10	1
10 to <100	2
100 to <1,000	3
1,000 to < 10,000	6
10,000 to <1E + 05	10
1E + 05 to <1E + 06	18
1E + 06 to <1E + 07	32
1E + 07 to <1E + 08	56
1E + 08 or greater	100

RESIDENT POPULATION THREAT SCORE: (550)(~~805~~ 10)(32) / 82,500 = 2.1 ~~188.8~~

(Likelihood of Exposure, Question 1; Targets = Sum of Questions 2, 3, 4, 5, 6)

LE X T X WC

NEARBY POPULATION THREAT SCORE: (500)(6.6)(32) / 82,500 = 1.28

(Likelihood of Exposure, Question 7; Targets = Sum of Questions 8, 9)

LE X T X WC

SOIL EXPOSURE PATHWAY SCORE:
Resident Population Threat + Nearby Population Threat

~~100~~ 3.4
(Maximum of 100)

AIR PATHWAY

Air Pathway Observed Substances Summary Table

On SI Table 21, list the hazardous substances detected in air samples of a release from the site. Include only those substances with concentrations significantly greater than background levels. Obtain benchmark, cancer risk, and reference dose concentrations from SCDM. For NAAQS/NESHAPS benchmarks, determine the highest percentage of benchmark obtained for any substance. For cancer risk and reference dose, sum the percentages for the substances listed. If benchmark, cancer risk, or reference dose concentrations are not available for a particular substance, enter N/A for the percentage. If the highest benchmark percentage or the percentage sum calculated for cancer risk or reference dose equals or exceeds 100%, evaluate targets in the distance category from which the sample was taken and any closer distance categories as Level I. If the percentages are less than 100% or all are N/A, evaluate targets in that distance category and any closer distance categories that are not Level I as Level II.

Please see narrative Section 7.0 & Table 1 attached in Soil Exposure Pathway Section of Worksheets.

SI TABLE 21: AIR PATHWAY OBSERVED RELEASE SUBSTANCES

Sample ID: _____ Level I _____ Level II _____ Distance from Sources (mi) ____ References _____

Hazardous Substance	Conc. (µg/m³)	Gaseous Particulate	Benchmark Conc. (NAAQS or NESHAPS)	% of Benchmark	Cancer Risk Conc.	% of Cancer Risk Conc.	RfD	% of RfD
	Highest Toxicity/ Mobility		Highest Percent		Sum of Percents		Sum of Percents	

Sample ID: _____ Level I _____ Level II _____ Distance from Sources (mi) ____ References _____

Hazardous Substance	Conc. (µg/m³)	Toxicity/ Mobility	Benchmark Conc. (NAAQS or NESHAPS)	% of Benchmark	Cancer Risk Conc.	% of Cancer Risk Conc.	RfD	% of RfD
	Highest Toxicity/ Mobility		Highest Percent		Sum of Percents		Sum of Percents	

Sample ID: _____ Level I _____ Level II _____ Distance from Sources (mi) ____ References _____

Hazardous Substance	Conc. (µg/m³)	Toxicity/ Mobility	Benchmark Conc. (NAAQS or NESHAPS)	% of Benchmark	Cancer Risk Conc.	% of Cancer Risk Conc.	RfD	% of RfD
	Highest Toxicity/ Mobility		Highest Percent		Sum of Percents		Sum of Percents	

AIR PATHWAY WORKSHEET

LIKELIHOOD OF RELEASE	Score	Data Type	Refs
1. OBSERVED RELEASE: If sampling data or direct observation support a release to air, assign a score of 550. Record observed release substances on SI Table 21.			
2. POTENTIAL TO RELEASE: If sampling data do not support a release to air, assign a score of 500. Optionally, evaluate air migration gaseous and particulate potential to release (HRS Section 6.1.2).	500		
LR =	500		

TARGETS			
3. ACTUAL CONTAMINATION POPULATION: Determine the number of people within the target distance limit subject to exposure from a release of a hazardous substance to the air. a) Level I: _____ people x 10 = _____ b) Level II: _____ people x 1 = _____ Total =	0		
4. POTENTIAL TARGET POPULATION: Determine the number of people within the target distance limit not subject to exposure from a release of a hazardous substance to the air, and assign the total population score from SI Table 22. Sum the values and multiply the sum by 0.1.	95		61 72
5. NEAREST INDIVIDUAL: Assign a score of 50 if there are any Level I targets. Assign a score of 45 if there are Level II targets but no Level I targets. If no Actual Contamination Population exists, assign the Nearest Individual score from SI Table 22.	20		61 72
6. ACTUAL CONTAMINATION SENSITIVE ENVIRONMENTS: Sum the sensitive environment values (SI Table 13) and wetland acreage values (SI Table 23) for environments subject to exposure from the release of a hazardous substance to the air.			
7. POTENTIAL CONTAMINATION SENSITIVE ENVIRONMENTS: Use SI Table 24 to evaluate sensitive environments not subject to exposure from a release.	3.26		60
8. RESOURCES: Assign a score of 5 if one or more air resources apply within 1/2 mile of a source; assign a 0 if none applies. • Commercial agriculture • Commercial silviculture • Major or designated recreation area	0		
T =	118.26		

Sensitive Environment Type	*Value*

Wetland Acreage	*Value*

SI TABLE 22 (From HRS TABLE 6-17): VALUES FOR POTENTIAL CONTAMINATION AIR TARGET POPULATIONS

Distance from Site	Pop.	Nearest Individual (choose highest)	Number of People within the Distance Category												Pop. Value
			1 to 10	11 to 30	31 to 100	101 to 300	301 to 1,000	1,001 to 3,000	3,001 to 10,000	10,001 to 30,000	30,001 to 100,000	100,001 to 300,000	300,001 to 1,000,000	1,000,000 to 3,000,000	
On a source	830	20	4	17	53	164	522	1,633	5,214	16,325	52,137	163,246	521,360	1,632,455	522
0 to $\frac{1}{4}$ mile	264	*	1	4	13	41	131	408	1,304	4,081	13,034	40,812	130,340	408,114	41
> $\frac{1}{4}$ to $\frac{1}{2}$ mile	812	2	0.2	0.9	3	9	28	88	282	882	2,815	8,815	28,153	88,153	28
> $\frac{1}{2}$ to 1 mile	3886	1	0.06	0.3	0.9	3	8	26	83	261	834	2,612	8,342	26,119	83
> 1 to 2 miles	15,859	0	0.02	0.09	0.3	0.8	3	8	27	83	266	833	2,659	8,326	83
> 2 to 3 miles	32,414	0	0.009	0.04	0.1	0.4	1	4	12	38	120	375	1,199	3,755	120
>3 to 4 miles	40,176	0	0.005	0.02	0.07	0.2	0.7	2	7	28	73	229	730	2,285	73
	Nearest Individual =	20												Sum =	950

References 61, 72

(950)(0.1) = 95

* Score = 20 if the Nearest Individual is within $\frac{1}{8}$ mile of a source; score = 7 if the Nearest Individual is between $\frac{1}{8}$ and $\frac{1}{4}$ mile of a source.

SI TABLE 23 (HRS TABLE 6-18): AIR PATHWAY VALUES FOR WETLAND AREA

Wetland Area	Assigned Value
< 1 acre	0
1 to 50 acres	25
> 50 to 100 acres	75
> 100 to 150 acres	125
> 150 to 200 acres	175
> 200 to 300 acres	250
> 300 to 400 acres	350
> 400 to 500 acres	450
> 500 acres	500

SI TABLE 24: DISTANCE WEIGHTS AND CALCULATIONS FOR AIR PATHWAY POTENTIAL CONTAMINATION SENSITIVE ENVIRONMENTS

Ref- 60

Distance	Distance Weight	Sensitive Environment Type and Value (from SI Tables 13 and 20)	Product
On a Source *	0.10	x Wetland 25	2.5
		x	
0 to 1/4 mile	0.025	x Wetland 25	0.625
		x	
		x	
1/4 to 1/2 mile	0.0054	x Wetland 25	0.135
		x	
		x	
1/2 to 1 mile	0.0016	x Nominal	
		x therefore not	
		x Calculated	
1 to 2 miles	0.0005	x	
		x	
		x	
2 to 3 miles	0.00023	x	
		x	
		x	
3 to 4 miles	0.00014	x	
		x	
		x	
> 4 miles	0	x	

Total Environments Score = 3.26

* Note:
Inferred soil contamination crosses wetlands adjoining Blackjack Creek. Therefore, wetlands exist on a source (see fig. 10)

AIR PATHWAY (concluded)

WASTE CHARACTERISTICS

9.	If any Actual Contamination Targets exist for the air pathway, assign the calculated hazardous waste quantity score or a score of 100, whichever is greater; if there are no Actual Contamination Targets for the air pathway, assign the calculated HWQ score for sources available to air migration.	100
10.	Assign the highest air toxicity/mobility value from SI Table 21 ~~1~~ or S2 Table 3	0.8 (Cr)
11.	Multiply the air pathway toxicity/mobility and hazardous waste quantity scores. Assign the Waste Characteristics score from the table below:	WC = 2

Product	WC Score
0	0
>0 to <10	1
10 to <100	2
100 to <1,000	3
1,000 to < 10,000	6
10,000 to <1E + 05	10
1E + 05 to <1E + 06	18
1E + 06 to <1E + 07	32
1E + 07 to <1E + 08	56
1E + 08 or greater	100

AIR PATHWAY SCORE: $\frac{LE \times T \times WC}{82,500}$ (500)(118.26)(2) = 1.43 (maximum of 100)

SITE SCORE CALCULATION	S	S^2
GROUND WATER PATHWAY SCORE (S_{GW})	0.38	0.1444
SURFACE WATER PATHWAY SCORE (S_{SW})	9	81
SOIL EXPOSURE (S_S)	~~100~~ 3.4	~~10,000~~ 12
AIR PATHWAY SCORE (S_A)	1.43	2
SITE SCORE $\sqrt{\frac{S_{GW}^2+S_{SW}^2+S_S^2+S_A^2}{4}} = \sqrt{\frac{\cancel{36,183}\ 95}{4}}$		4.9 ~~50.2~~

COMMENTS

Please See attached Comments.

ATTACHMENT TO PAGE C-48

Comments:

Sources:

Observed contamination in soil, and hazardous substances detected in waste samples (including PCBs and several metals) warranted the evaluation of two sources (the landfill and contaminated soil) for their impacts on the pathways. The conclusions of these pathway evaluations are as follows:

Groundwater Pathway:

The groundwater pathway is of minimal concern due to the lack of a target base (Refs. 1, 2, 4, 14, 15, & 31 – 36).

Surface Water Pathway:

A negligible concern for the drinking water and the human food chain and environmental threats exists for the surface water pathway due to the lack of a target base and detections significantly above background in sediment and surface water samples from perennial streams within the TDLs.

Soil Exposure Pathway: Across Blackjack Ct. from landfill. No attribution, therefore no resident population.

~~The soil exposure pathway is of concern due Level II observed contamination at Lockheed Elementary School (830 students), including the detections of hazardous substances with toxicities of 10,000 (SCDM-[Ref. 58]), and detections of vanadium exceeding residential soil PRGs [See Table 6]) in surface soil samples collected from school grounds at locations within 200 feet of the building (Refs. 71-73, 78, 80, and 81). The Level II observed contamination at Lockheed Elementary School drives the site score.~~

Air Pathway:

The air pathway is of concern due to the presence of Lockheed Elementary School on a source (contaminated soil) available to the air pathway (Refs. 61 & 72).

Overall Conclusion:

Based upon available information and current site conditions, the site is not recommended for further evaluation under the Hazard Ranking System.

REVISION 1

9.0 REFERENCES

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