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DRAFT FINAL INSTALLATION RESTORATION REMEDIAL INVESTIGATION FEASIBILITY STUDY STAGE 2 VOLUME 8 OF 9 NAS FORT WORTH TX
4/1/1989
RADIAN CORPORATION

File: 17G
A.F.

NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 38

File: 17A-10
D.B.

INSTALLATION RESTORATION PROGRAM
RI/FS STAGE 2

CARSWELL AFB, TEXAS

RADIAN CORPORATION
8501 MO-PAC BOULEVARD
P. O. BOX 201088
AUSTIN, TEXAS 78720-1088

APRIL 1989

FINAL DRAFT (9/87 - 9/88)
VOLUME 8: APPENDIX G

PREPARED FOR:

HEADQUARTERS STRATEGIC AIR COMMAND
(HQ SAC/DE)
OFFUTT AIR FORCE BASE, NEBRASKA 68113-5001

UNITED STATES AIR FORCE
OCCUPATIONAL & ENVIRONMENTAL HEALTH LABORATORY
TECHNICAL SERVICES DIVISION (USAFOEHL/TS)
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20th Anniversary

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INSTALLATION RESTORATION PROGRAM

RI/FS STAGE 2

DRAFT FINAL
VOLUME 8: APPENDIX G - QA/QC DATA

FOR

CARSWELL AFB, TEXAS

HEADQUARTERS STRATEGIC AIR COMMAND
(HQ SAC/DE)
OFFUTT AIR FORCE BASE, NEBRASKA 68113-5001

APRIL 1989

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RADIAN CORPORATION
8501 MO-PAC BOULEVARD
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APPENDIX G

QA/QC Data

VOLUME 8: APPENDIX G - QA/QC DATA

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EXPLANATION OF DETECTION FLAGS

Detection Flag	Interpretation
ND	Not detected at specified detection limit.
DET	Estimated value below specified detection limit.
<3.3X	Less than 3.3 times the specified detection limit.
<5X	Less than 5 times the specified detection limit.
GT	Estimated concentration greater than calibration curve.
no detection flag	Result concentration.

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TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Chlorinated Phenoxy Herb. 509B				
Equipment Blank				
2,4,5-T	2	0		0.12
2,4,5-TP (Silvex)	2	0		0.12
2,4-D	2	0		0.50
Reagent Blank				
2,4,5-T	7	0		
2,4,5-TP (Silvex)	7	0		
2,4-D	7	0		
Phenols (604)				
Equipment Blank				
2,4,6-Trichlorophenol	1	0		1.3
2,4-Dichlorophenol	1	0		1.1
2,4-Dimethylphenol	1	0		0.63
2,4-Dinitrophenol	1	0		27.0
2-Chlorophenol	1	0		0.42
2-Methyl-4,6-Dinitrophenol	1	0		34.0
2-Nitrophenol	1	0		4.2
4-Chloro-3-Methylphenol	1	0		0.84
4-Nitrophenol	1	0		5.3
Pentachlorophenol	1	0		16.0
Phenol	1	0		0.42
Reagent Blank				
2,4,6-Trichlorophenol	7	0		
2,4-Dichlorophenol	7	0		
2,4-Dimethylphenol	7	0		
2,4-Dinitrophenol	7	0		
2-Chlorophenol	7	0		
2-Methyl-4,6-Dinitrophenol	7	0		
2-Nitrophenol	7	0		
4-Chloro-3-Methylphenol	7	0		
4-Nitrophenol	7	0		
Pentachlorophenol	7	0		
Phenol	7	0		
Organochlorine Pest & PCB E608				
Equipment Blank				
4,4'-DDD	1	0		0.010
4,4'-DDE	1	0		0.010

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum	Concentration Range Maximum	Maximum Detection Limit
Organochlorine Pest & PCB E608					
Equipment Blank					
4,4'-DDT	1	0			0.020
Aldrin	1	0			0.010
Chlordane	1	0			0.050
Dieldrin	1	0			0.010
Endosulfan I	1	0			0.010
Endosulfan II	1	0			0.030
Endosulfan Sulphate	1	0			0.050
Endrin	1	0			0.010
Endrin Aldehyde	1	0			0.020
Endrin Ketone	1	0			0.050
Heptachlor	1	0			0.010
Heptachlor Epoxide	1	0			0.010
Methoxychlor	1	0			0.050
PCB-1016	1	0			0.10
PCB-1221	1	0			0.20
PCB-1232	1	0			0.20
PCB-1242	1	0			0.10
PCB-1248	1	0			0.10
PCB-1254	1	0			0.20
PCB-1260	1	0			0.20
Toxaphene	1	0			0.50
alpha-BHC	1	0			0.010
beta-BHC	1	0			0.010
delta-BHC	1	0			0.010
gamma-BHC (lindane)	1	0			0.010
Reagent Blank					
4,4'-DDD	7	0			
4,4'-DDE	7	0			
4,4'-DDT	7	0			
Aldrin	7	0			
Chlordane	7	0			
Dieldrin	7	0			
Endosulfan I	7	0			
Endosulfan II	7	0			
Endosulfan Sulphate	7	0			
Endrin	7	0			
Endrin Aldehyde	7	0			
Endrin Ketone	7	0			

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Organochlorine Pest & PCB E608				
Reagent Blank				
Heptachlor	7	0		
Heptachlor Epoxide	7	0		
Methoxychlor	7	0		
PCB-1016	7	0		
PCB-1221	7	0		
PCB-1232	7	0		
PCB-1242	7	0		
PCB-1248	7	0		
PCB-1254	7	0		
PCB-1260	7	0		
Toxaphene	7	0		
alpha-BHC	7	0		
beta-BHC	7	0		
delta-BHC	7	0		
gamma-BHC (lindane)	7	0		
Organochlorine Pest & PCB 8080				
Reagent Blank				
4,4'-DDD	4	0		
4,4'-DDE	4	0		
4,4'-DDT	4	0		
Aldrin	4	0		
Chlordane	4	0		
Dieldrin	4	0		
Endosulfan I	4	0		
Endosulfan II	4	0		
Endosulfan Sulphate	4	0		
Endrin	4	0		
Endrin Aldehyde	4	0		
Endrin Ketone	4	0		
Heptachlor	4	0		
Heptachlor Epoxide	4	0		
Methoxychlor	4	0		
PCB-1016	4	0		
PCB-1221	4	0		
PCB-1232	4	0		
PCB-1242	4	0		
PCB-1248	4	0		

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Organochlorine Pest & PCB 8080				
Reagent Blank				
PCB-1254	4	0		
PCB-1260	4	0		
Toxaphene	4	0		
alpha-BHC	4	0		
beta-BHC	4	0		
delta-BHC	4	0		
gamma-BHC (lindane)	4	0		
Chlorinated Herbicides (8150)				
Reagent Blank				
2,4,5-T	3	0		
2,4,5-TP (Silvex)	3	0		
2,4-D	3	0		
Arsenic, graphite AA				
Calibration				
As	37	6	0.30 - 0.30	0.0020
Equipment Blank				
As	11	1	0.015 - 0.015	0.0020
Preparation				
As	36	5	0.0020 - 0.30	0.050
Volatile Halocarbons (8240)				
Reagent Blank				
1,1,1-trichloroethane	21	0		
1,1,2,2-tetrachloroethane	21	0		
1,1,2-trichloroethane	21	0		
1,1-dichloroethane	21	0		
1,1-dichloroethene	21	0		
1,2-dichloroethane	21	0		
1,2-dichloroethene (total)	21	0		
1,2-dichloropropane	21	0		
2-butanone	21	8	3500.0 - 19000.0	
2-hexanone	21	2	2.5 - 2.7	
4-methyl-2-pentanone	21	0		
acetone	21	18	3.5 - 3700.0	
benzene	21	0		
bromodichloromethane	21	0		

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type	Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Volatile Halocarbons (8240)					
Reagent Blank					
	bromoform	21	0		
	bromomethane	21	0		
	carbon disulfide	21	0		
	carbon tetrachloride	21	0		
	chlorobenzene	21	0		
	chloroethane	21	0		
	chloroform	21	0		
	chloromethane	21	0		
	cis-1,3-dichloropropene	21	0		
	dibromochloromethane	21	0		
	ethylbenzene	21	0		
	methylene chloride	21	9	1.7 - 390.0	
	styrene	21	0		
	tetrachloroethene	21	0		
	toluene	21	0		
	total xylenes	21	0		
	trans-1,3-dichloropropene	21	0		
	trichloroethene	21	0		
	vinyl acetate	21	0		
	vinyl chloride	21	0		
Trip Blank (Field Blank)					
	1,1,1-trichloroethane	2	0		3.8
	1,1,2,2-tetrachloroethane	2	0		6.9
	1,1,2-trichloroethane	2	0		5.0
	1,1-dichloroethane	2	0		2.8
	1,1-dichloroethene	2	0		4.7
	1,2-dichloroethane	2	0		2.8
	1,2-dichloroethene (total)	2	0		1.6
	1,2-dichloropropane	2	0		6.0
	2-butanone	2	0		25.0
	2-hexanone	2	0		36.0
	4-methyl-2-pentanone	2	0		46.0
	Benzene	1	0		4.4
	Ethylbenzene	1	0		7.2
	Toluene	1	0		6.0
	Trichloroethene	1	0		1.9
	acetone	2	1	15.0 - 15.0	7.5
	benzene	1	0		

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Volatile Halocarbons (8240)				
Trip Blank (Field Blank)				
bromodichloromethane	2	0		2.2
bromoform	2	0		4.7
bromomethane	2	0		5.0
carbon disulfide	2	0		1.7
carbon tetrachloride	2	0		2.8
chlorobenzene	2	0		6.0
chloroethane	2	0		5.0
chloroform	2	0		1.6
chloromethane	2	0		5.0
cis-1,3-dichloropropene	2	0		5.0
dibromochloromethane	2	0		3.1
ethylbenzene	1	0		
methylene chloride	2	1	2.7 - 2.7	2.8
styrene	2	0		3.0
tetrachloroethene	2	0		4.1
toluene	1	0		
total xylenes	2	0		4.6
trans-1,3-Dichloropropene	1	0		5.0
trans-1,3-dichloropropene	1	0		
trichloroethene	1	0		
vinyl acetate	2	0		6.9
vinyl chloride	2	0		5.0
Semivolatile Organics (8270)				
Reagent Blank				
1,2,4-trichlorobenzene	14	0		
1,2-dichlorobenzene	14	0		
1,3-dichlorobenzene	14	0		
1,4-dichlorobenzene	14	0		
2,4,5-trichlorophenol	14	0		
2,4,6-trichlorophenol	14	0		
2,4-dichlorophenol	14	0		
2,4-dimethylphenol	14	0		
2,4-dinitrophenol	14	0		
2,4-dinitrotoluene	14	0		
2,6-dinitrotoluene	14	0		
2-chloronaphthalene	14	0		
2-chlorophenol	14	0		

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type	Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Semivolatile Organics (8270)					
Reagent Blank					
	2-methylnaphthalene	14	0		
	2-methylphenol	14	0		
	2-nitroaniline	14	0		
	2-nitrophenol	14	0		
	3,3'-dichlorobenzidine	14	0		
	3-nitroaniline	14	0		
	4,6-dinitro-2-methylphenol	14	0		
	4-bromophenyl-phenylether	14	0		
	4-chloro-3-methylphenol	14	0		
	4-chloroaniline	14	0		
	4-chlorophenyl-phenylether	14	0		
	4-methylphenol	14	0		
	4-nitroaniline	14	0		
	4-nitrophenol	14	0		
	acenaphthene	14	0		
	acenaphthylene	14	0		
	anthracene	14	0		
	benzo(a)anthracene	14	0		
	benzo(a)pyrene	14	0		
	benzo(b)fluoranthene	14	0		
	benzo(g,h,i)perylene	14	0		
	benzo(k)fluoranthene	14	0		
	benzoic acid	14	0		
	benzyl alcohol	14	0		
	bis(2-chloroethoxy)methane	14	0		
	bis(2-chloroethyl)ether	14	0		
	bis(2-chloroisopropyl)ether	14	0		
	bis(2-ethylhexyl)phthalate	14	9	61.0 - 690.0	
	butylbenzylphthalate	14	1	11000.0 - 11000.0	
	chrysene	14	0		
	di-n-butylphthalate	14	5	110.0 - 460.0	
	di-n-octyl phthalate	14	2	75.0 - 320.0	
	dibenz(a,h)anthracene	14	0		
	dibenzofuran	14	0		
	diethylphthalate	14	0		
	dimethyl phthalate	14	0		
	fluoranthene	14	0		
	fluorene	14	0		

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Semivolatile Organics (8270)				
Reagent Blank				
hexachlorobenzene	14	0		
hexachlorobutadiene	14	0		
hexachlorocyclopentadiene	14	0		
hexachloroethane	14	0		
indeno(1,2,3-cd)pyrene	14	0		
isophorone	14	0		
n-nitroso-di-n-propylamine	14	0		
n-nitrosodiphenylamine (1)	14	0		
naphthalene	14	0		
nitrobenzene	14	0		
pentachlorophenol	14	0		
phenanthrene	14	0		
phenol	14	1	76.0 - 76.0	
pyrene	14	0		
Base/Neutrals & Acids (CL625)				
Reagent Blank				
1,2,4-trichlorobenzene	9	0		
1,2-dichlorobenzene	9	0		
1,3-dichlorobenzene	9	0		
1,4-dichlorobenzene	9	0		
2,4,5-trichlorophenol	9	0		
2,4,6-trichlorophenol	9	0		
2,4-dichlorophenol	9	0		
2,4-dimethylphenol	9	0		
2,4-dinitrophenol	9	0		
2,4-dinitrotoluene	9	0		
2,6-dinitrotoluene	9	0		
2-chloronaphthalene	9	0		
2-chlorophenol	9	0		
2-methylnaphthalene	9	0		
2-methylphenol	9	0		
2-nitroaniline	9	0		
2-nitrophenol	9	0		
3,3'-dichlorobenzidine	9	0		
3-nitroaniline	9	0		
4,6-dinitro-2-methylphenol	9	0		
4-bromophenyl-phenylether	9	0		

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Base/Neutrals & Acids (CL625)				
Reagent Blank				
4-chloro-3-methylphenol	9	0		
4-chloroaniline	9	0		
4-chlorophenyl-phenylether	9	0		
4-methylphenol	9	0		
4-nitroaniline	9	0		
4-nitrophenol	9	0		
acenaphthene	9	0		
acenaphthylene	9	0		
anthracene	9	0		
benzo(a)anthracene	9	0		
benzo(a)pyrene	9	0		
benzo(b)fluoranthene	9	0		
benzo(g,h,i)perylene	9	0		
benzo(k)fluoranthene	9	0		
benzoic acid	9	0		
benzyl alcohol	9	0		
bis(2-chloroethoxy)methane	9	0		
bis(2-chloroethyl)ether	9	0		
bis(2-chloroisopropyl)ether	9	0		
bis(2-ethylhexyl)phthalate	9	4	1.4 - 31.0	
butylbenzylphthalate	9	1	1.3 - 1.3	
chrysene	9	0		
di-n-butylphthalate	9	4	6.3 - 11.0	
di-n-octyl phthalate	9	1	1.6 - 1.6	
dibenz(a,h)anthracene	9	0		
dibenzofuran	9	0		
diethylphthalate	9	0		
dimethyl phthalate	9	0		
fluoranthene	9	0		
fluorene	9	0		
hexachlorobenzene	9	0		
hexachlorobutadiene	9	0		
hexachlorocyclopentadiene	9	0		
hexachloroethane	9	0		
indeno(1,2,3-cd)pyrene	9	0		
isophorone	9	0		
n-nitroso-di-n-propylamine	9	0		
n-nitrosodiphenylamine (1)	9	0		

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Base/Neutrals & Acids (CL625)				
Reagent Blank				
naphthalene	9	0		
nitrobenzene	9	0		
pentachlorophenol	9	0		
phenanthrene	9	0		
phenol	9	0		
pyrene	9	0		
Chloride				
Equipment Blank				
Cl	10	8	1.0 - 12.0	1.0
EPA method 601				
Equipment Blank				
1,1,1-Trichloroethane	18	0		0.090
1,1,2,2-Tetrachloroethane	18	0		0.12
1,1,2-Trichloroethane	18	0		0.070
1,1-Dichloroethane	18	0		0.090
1,1-Dichloroethene	18	0		0.10
1,2-Dichlorobenzene	18	0		0.50
1,2-Dichloroethane	18	0		0.030
1,2-Dichloropropane	18	0		0.10
1,3-Dichlorobenzene	18	0		0.30
1,4-Dichlorobenzene	18	0		0.40
2-Chloroethylvinyl ether	18	0		0.20
Bromodichloromethane	18	2	0.20 - 0.20	0.10
Bromoform	18	0		0.30
Bromomethane	18	0		1.2
Carbon tetrachloride	18	0		0.10
Chlorobenzene	18	1	0.30 - 0.30	0.30
Chloroethane	18	0		0.50
Chloroform	18	16	0.20 - 0.90	0.050
Chloromethane	18	0		0.30
Dibromochloromethane	18	0		0.20
Methylene chloride	18	0		0.30
Tetrachloroethene	18	0		0.030
Trichloroethene	18	8	0.50 - 2.9	0.20
Trichlorofluoromethane	18	0		0.10
Vinyl chloride	18	0		0.20

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
EPA method 601				
Equipment Blank				
cis-1,3-Dichloropropene	18	0		
trans-1,2-Dichloroethene	18	0		0.20
trans-1,3-Dichloropropene	18	0		0.30
Field Blank				
1,1,1-Trichloroethane	14	0		0.090
1,1,2,2-Tetrachloroethane	14	0		0.12
1,1,2-Trichloroethane	14	0		0.070
1,1-Dichloroethane	14	0		0.090
1,1-Dichloroethene	14	0		0.10
1,2-Dichlorobenzene	14	0		0.50
1,2-Dichloroethane	14	0		0.030
1,2-Dichloropropane	14	0		0.10
1,3-Dichlorobenzene	14	0		0.30
1,4-Dichlorobenzene	14	0		0.40
2-Chloroethylvinyl ether	14	0		0.20
Bromodichloromethane	14	6	0.90 - 3.3	0.10
Bromoform	14	0		0.30
Bromomethane	14	0		1.2
Carbon tetrachloride	14	0		0.10
Chlorobenzene	14	3	1.0 - 2.4	0.30
Chloroethane	14	0		0.50
Chloroform	14	6	1.1 - 3.2	0.050
Chloromethane	14	0		0.30
Dibromochloromethane	14	6	0.30 - 0.70	0.20
Methylene chloride	14	0		0.30
Tetrachloroethene	14	0		0.030
Trichloroethene	14	0		0.20
Trichlorofluoromethane	14	0		0.10
Vinyl chloride	14	0		0.20
cis-1,3-Dichloropropene	14	0		
trans-1,2-Dichloroethene	14	0		0.20
trans-1,3-Dichloropropene	14	0		0.30
Reagent Blank				
1,1,1-Trichloroethane	22	0		0.090
1,1,2,2-Tetrachloroethane	23	0		0.12
1,1,2-Trichloroethane	22	0		0.070
1,1,2-trichloroethane	1	0		0.20
1,1-Dichloroethane	23	0		0.090

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
EPA method 601				
Reagent Blank				
1,1-Dichloroethene	23	0		0.10
1,2-Dichlorobenzene	24	0		0.50
1,2-Dichloroethane	23	0		0.030
1,2-Dichloropropene	23	0		0.10
1,2-dichloroethane	1	0		0.20
1,3-Dichlorobenzene	24	0		0.30
1,4-Dichlorobenzene	24	0		0.40
2-Chloroethylvinyl ether	21	0		0.20
Benzene	1	0		0.20
Bromodichloromethane	22	0		0.10
Bromoform	23	0		0.30
Bromomethane	23	0		1.2
Carbon Tetrachloride	20	0		0.20
Carbon tetrachloride	1	0		
Chlorobenzene	23	0		0.30
Chloroethane	22	0		0.50
Chloroform	23	0		0.050
Chloromethane	23	0		0.30
Dibromochloromethane	23	0		0.20
Ethylbenzene	1	0		0.20
Methylene Chloride	20	0		0.20
Methylene chloride	2	0		0.20
Tetrachloroethylene	22	0		0.030
Toluene	1	0		0.20
Trichloroethene	23	0		0.20
Trichlorofluoromethane	23	0		0.10
Vinyl chloride	22	0		0.20
cis-1,3-Dichloropropene	23	0		0.20
m-Xylene	1	0		0.20
o-Xylene	1	0		0.10
p-Xylene	1	0		0.20
trans-1,2-Dichloroethene	23	0		0.20
trans-1,3-Dichloropropene	23	0		0.30
System Blank				
1,1,1-Trichloroethane	22	0		0.090
1,1,2,2-Tetrachloroethane	23	0		0.12
1,1,2-Trichloroethane	22	0		0.070
1,1,2-trichloroethane	1	0		0.20

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
EPA method 601				
System Blank				
1,1-Dichloroethane	23	0		0.090
1,1-Dichloroethene	23	0		0.10
1,2-Dichlorobenzene	24	0		0.50
1,2-Dichloroethane	23	0		0.030
1,2-Dichloropropane	23	0		0.10
1,2-dichloroethane	1	0		0.20
1,3-Dichlorobenzene	24	0		0.30
1,4-Dichlorobenzene	24	0		0.40
2-Chloroethylvinyl ether	23	0		0.20
Benzene	1	0		0.20
Bromodichloromethane	22	0		0.10
Bromoform	23	0		0.30
Bromomethane	23	0		1.2
Carbon Tetrachloride	20	0		0.20
Carbon tetrachloride	1	0		
Chlorobenzene	23	0		0.30
Chloroethane	22	0		0.50
Chloroform	23	0		0.050
Chloromethane	23	0		0.30
Dibromochloromethane	23	0		0.20
Ethylbenzene	1	0		0.20
Methylene Chloride	20	0		0.20
Methylene chloride	2	0		0.20
Tetrachloroethylene	22	0		0.030
Toluene	1	0		0.20
Trichloroethene	23	0		0.20
Trichlorofluoromethane	23	0		0.10
Vinyl chloride	22	0		0.20
cis-1,3-Dichloropropene	23	0		0.20
m-Xylene	1	0		0.20
o-Xylene	1	0		0.10
p-Xylene	1	0		0.20
trans-1,2-Dichloroethene	23	0		0.20
trans-1,3-Dichloropropene	23	0		0.30
Trip Blank (Field Blank)				
1,1,1-Trichloroethane	13	0		0.090
1,1,2,2-Tetrachloroethane	13	0		0.12
1,1,2-Trichloroethane	13	0		0.070

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type	Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
EPA method 601					
Trip Blank (Field Blank)					
	1,1-Dichloroethane	13	0		0.090
	1,1-Dichloroethene	13	0		0.10
	1,2-Dichlorobenzene	13	0		0.50
	1,2-Dichloroethane	13	0		0.030
	1,2-Dichloropropane	13	0		0.10
	1,3-Dichlorobenzene	13	0		0.30
	1,4-Dichlorobenzene	13	0		0.40
	2-Chloroethylvinyl ether	13	0		0.20
	Bromodichloromethane	13	0		0.10
	Bromoform	13	0		0.30
	Bromomethane	13	0		1.2
	Carbon tetrachloride	13	0		0.10
	Chlorobenzene	13	0		0.30
	Chloroethane	13	0		0.50
	Chloroform	13	0		0.050
	Chloromethane	13	0		0.30
	Dibromochloromethane	13	0		0.20
	Methylene chloride	13	0		0.30
	Tetrachloroethene	13	0		0.030
	Trichloroethene	13	0		0.20
	Trichlorofluoromethane	13	5	0.20 - 0.50	0.10
	Vinyl chloride	13	0		0.20
	cis-1,3-Dichloropropene	13	0		
	trans-1,2-Dichloroethene	13	0		0.20
	trans-1,3-Dichloropropene	13	0		0.30
EPA method 602					
Equipment Blank					
	1,2-Dichlorobenzene	20	0		0.40
	1,3-Dichlorobenzene	20	0		0.40
	1,4-Dichlorobenzene	20	0		0.30
	Benzene	20	1	0.30 - 0.30	0.20
	Chlorobenzene	20	2	0.70 - 0.80	0.30
	Ethylbenzene	20	0		0.30
	Toluene	20	19	0.30 - 22.0	0.20
Field Blank					
	1,2-Dichlorobenzene	19	0		4.0
	1,3-Dichlorobenzene	19	0		4.0

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type	Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
EPA method 602					
Field Blank					
	1,4-Dichlorobenzene	19	0		3.0
	Benzene	19	0		2.0
	Chlorobenzene	19	5	1.6 - 3.7	0.30
	Ethylbenzene	19	0		3.0
	Toluene	19	18	0.30 - 41.0	0.20
Reagent Blank					
	1,1,1-Trichloroethane	1	0		0.20
	1,1,2,2-Tetrachloroethane	1	0		0.20
	1,1,2-Trichloroethane	1	0		0.20
	1,1-Dichloroethane	1	0		0.20
	1,1-Dichloroethene	1	0		0.20
	1,2-Dichlorobenzene	22	0		0.40
	1,2-Dichloroethane	1	0		0.20
	1,2-Dichloropropane	1	0		0.20
	1,3-Dichlorobenzene	22	0		0.40
	1,4-Dichlorobenzene	22	0		0.30
	2-Chloroethylvinyl ether	1	0		0.20
	Benzene	21	0		0.20
	Bromodichloromethane	1	0		0.20
	Bromoform	1	0		0.20
	Bromomethane	1	0		0.20
	Carbon Tetrachloride	1	0		0.20
	Chlorobenzene	22	0		0.30
	Chloroethane	1	0		0.20
	Chloroform	1	0		0.20
	Chloromethane	1	0		0.20
	Dibromochloromethane	1	0		0.20
	Ethylbenzene	21	0		0.30
	Methylene Chloride	1	0		0.20
	Tetrachloroethylene	1	0		0.20
	Toluene	21	0		0.20
	Trichloroethene	1	0		0.20
	Trichlorofluoromethane	1	0		0.20
	Vinyl chloride	1	0		0.20
	cis-1,3-Dichloropropene	1	0		0.20
	m-Xylene	21	0		0.20
	o-Xylene	21	0		0.10
	p-Xylene	21	0		0.20

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
EPA method 602				
Reagent Blank				
trans-1,2-Dichloroethene	1	0		0.20
trans-1,3-Dichloropropene	1	0		0.20
System Blank				
1,1,1-Trichloroethane	1	0		0.20
1,1,2,2-Tetrachloroethane	1	0		0.20
1,1,2-Trichloroethane	1	0		0.20
1,1-Dichloroethane	1	0		0.20
1,1-Dichloroethene	1	0		0.20
1,2-Dichlorobenzene	23	0		0.40
1,2-Dichloroethane	1	0		0.20
1,2-Dichloropropane	1	0		0.20
1,3-Dichlorobenzene	23	0		0.40
1,4-Dichlorobenzene	23	0		0.30
2-Chloroethylvinyl ether	1	0		0.20
Benzene	22	0		0.20
Bromodichloromethane	1	0		0.20
Bromoform	1	0		0.20
Bromomethane	1	0		0.20
Carbon Tetrachloride	1	0		0.20
Chlorobenzene	23	0		0.30
Chloroethane	1	0		0.20
Chloroform	1	0		0.20
Chloromethane	1	0		0.20
Dibromochloromethane	1	0		0.20
Ethylbenzene	22	0		0.30
Methylene Chloride	1	0		0.20
Tetrachloroethylene	1	0		0.20
Toluene	22	0		0.20
Trichloroethene	1	0		0.20
Trichlorofluoromethane	1	0		0.20
Vinyl chloride	1	0		0.20
cis-1,3-Dichloropropene	1	0		0.20
m-Xylene	22	0		0.20
o-Xylene	22	0		0.10
p-Xylene	22	0		0.20
trans-1,2-Dichloroethene	1	0		0.20
trans-1,3-Dichloropropene	1	0		0.20

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
EPA method 602				
Trip Blank (Field Blank)				
1,2-Dichlorobenzene	17	0		4.0
1,3-Dichlorobenzene	17	0		4.0
1,4-Dichlorobenzene	17	0		3.0
Benzene	17	0		2.0
Chlorobenzene	17	0		3.0
Ethylbenzene	17	0		3.0
Toluene	17	14	0.30 - 49.0	0.20
Fluoride, SIE				
Calibration				
F_SIE	18	14	0.018 - 0.30	0.050
Equipment Blank				
F_SIE	10	10	0.010 - 0.010	
Preparation				
F_SIE	2	0		0.0050
Hydrocarbons, Total				
Calibration				
HC_IR	1	0		0.20
Equipment Blank				
HC	1	0		0.20
HC_IR	3	0		0.20
Preparation				
HC_IR	1	0		0.20
Mercury, cold vapor				
Calibration				
Hg	12	3	0.00020 - 0.00020	0.00010
Equipment Blank				
Hg	11	1	0.00020 - 0.00020	0.00012
Preparation				
Hg	25	0		0.0050
ICPES, EPA 200.7 elements				
Calibration				
Aluminum	37	1	0.26 - 0.26	0.20
Antimony	42	20	0.061 - 0.20	0.060
Arsenic	44	1	0.44 - 0.44	0.30

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
ICPES, EPA 200.7 elements				
Calibration				
Barium	43	0		0.0090
Beryllium	43	6	0.0020 - 0.0040	0.0010
Boron	42	0		0.61
Cadmium	53	17	0.0030 - 0.30	0.0050
Calcium	45	2	0.063 - 0.098	0.060
Chromium	52	7	0.0090 - 0.013	0.010
Cobalt	31	6	0.015 - 0.025	0.010
Copper	44	4	0.010 - 0.040	0.010
Iron	42	9	0.034 - 0.48	0.030
Lead	40	1	0.060 - 0.060	0.050
Magnesium	41	8	0.11 - 0.20	0.10
Manganese	45	1	0.13 - 0.13	0.0030
Molybdenum	42	0		0.050
Nickel	45	1	0.032 - 0.032	0.020
Potassium	38	4	0.030 - 0.70	0.30
Sb	2	1	0.078 - 0.078	0.060
Selenium	42	0		0.30
Silicon	44	1	0.45 - 0.45	0.30
Silver	45	12	0.011 - 0.20	0.0090
Sodium	42	3	0.080 - 0.80	0.080
Thallium	46	7	0.11 - 0.22	0.090
Vanadium	42	7	0.022 - 0.062	0.040
Zinc	44	11	0.00060 - 0.029	0.010
Equipment Blank				
Aluminum	11	0		0.20
Antimony	11	0		0.060
Arsenic	11	0		0.30
Barium	11	0		0.0090
Beryllium	11	0		0.0010
Boron	11	0		0.60
Cadmium	11	3	0.0040 - 0.0060	0.0030
Calcium	11	2	0.30 - 1.2	0.060
Chromium	11	0		0.0090
Cobalt	11	1	0.010 - 0.010	0.010
Copper	11	0		0.010
Iron	11	7	0.030 - 0.25	0.030
Lead	11	0		0.050
Magnesium	11	0		0.10

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
ICPES, EPA 200.7 elements				
Equipment Blank				
Manganese	11	1	0.0060 - 0.0060	0.0030
Molybdenum	11	0		0.050
Nickel	11	0		0.020
Potassium	11	0		0.30
Selenium	11	0		0.30
Silicon	11	2	0.90 - 1.3	0.30
Silver	11	0		0.0090
Sodium	11	0		0.080
Thallium	11	1	0.12 - 0.12	0.090
Vanadium	11	0		0.020
Zinc	11	2	0.0070 - 0.010	0.0060
Initial Calibration Blank				
Aluminum	9	0		0.20
Antimony	10	2	0.086 - 0.090	0.090
Arsenic	13	0		0.30
Barium	10	0		0.0090
Beryllium	10	0		0.0040
Boron	11	0		0.60
Cadmium	11	1	0.0040 - 0.0040	0.0090
Calcium	14	7	0.079 - 0.15	0.098
Chromium	13	0		0.011
Cobalt	7	2	0.011 - 0.015	0.015
Copper	9	0		0.012
Iron	10	5	0.040 - 0.42	0.030
Lead	10	2	0.055 - 0.060	0.060
Magnesium	10	4	0.10 - 0.14	0.10
Manganese	9	0		0.0050
Molybdenum	9	0		0.050
Nickel	9	1	0.026 - 0.026	0.020
Potassium	10	0		0.30
Selenium	10	0		0.30
Silicon	9	0		0.30
Silver	13	6	0.0050 - 0.20	0.0090
Sodium	9	1	0.11 - 0.11	0.080
Thallium	10	1	0.12 - 0.12	0.12
Vanadium	10	3	0.025 - 0.040	0.040
Zinc	9	2	0.0060 - 0.015	0.010

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
ICPES, EPA 200.7 elements				
Preparation				
Aluminum	32	0		0.20
Antimony	32	11	0.060 - 0.24	0.060
Arsenic	38	1	0.44 - 0.44	0.30
Barium	33	0		0.0090
Beryllium	33	0		0.0010
Boron	35	3	0.60 - 0.60	0.60
Cadmium	37	7	0.0030 - 2.4	0.0050
Calcium	36	24	0.060 - 2.1	1.4
Chromium	39	5	0.010 - 0.018	0.010
Cobalt	26	6	0.015 - 0.030	0.010
Copper	32	4	0.011 - 0.017	0.010
Iron	32	15	0.033 - 0.30	0.30
Lead	32	6	0.040 - 0.087	0.050
Magnesium	32	12	0.10 - 0.17	0.10
Manganese	32	1	0.0030 - 0.0030	0.0030
Molybdenum	32	3	0.0050 - 0.10	0.050
Nickel	32	2	0.020 - 0.20	0.020
Potassium	31	8	0.030 - 0.77	0.30
Sb	1	1	0.060 - 0.060	
Selenium	32	1	0.30 - 0.30	0.30
Silicon	33	5	0.30 - 0.40	0.30
Silver	39	11	0.0040 - 0.20	0.030
Sodium	32	20	0.080 - 3.0	0.080
Thallium	32	4	0.0090 - 0.12	0.11
Vanadium	32	7	0.024 - 0.076	0.040
Zinc	32	10	0.0090 - 0.031	0.010
Nitrate + nitrite				
Calibration				
NO2NO3-N	2	0		0.020
NO3	8	3	0.050 - 0.050	0.070
NO3-NO2-N	6	0		0.020
Equipment Blank				
NO3-NO2-N	8	1	0.090 - 0.090	0.10
Preparation				
NO3-NO2-N	5	0		0.020

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Nitrate, colorimetric				
Equipment Blank				
NO3	2	1	0.11 - 0.11	0.020
Oil and grease, infrared				
Calibration				
ONG	2	0		0.20
Equipment Blank				
ONG	3	0		0.20
Orthophosphate				
Calibration				
O-PO4	1	0		0.0020
Equipment Blank				
O-PO4	10	0		0.020
Preparation				
O-PO4	4	0		0.0020
Lead, graphite AA				
Calibration				
Pb	27	0		0.0050
Equipment Blank				
Pb	5	3	0.0020 - 0.0080	0.0020
Preparation				
Pb	18	0		0.0050
Selenium, graphite AA				
Calibration				
Se	28	0		0.0050
Equipment Blank				
Se	10	1	0.0030 - 0.0030	0.0050
Preparation				
Se	27	1	0.0050 - 0.0050	0.0050
Sulfate, nephelometry				
Equipment Blank				
SO4	10	10	3.0 - 6.0	

TABLE G-1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = AQUEOUS

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit
Total dissolved solids				
Calibration				
TDS	2	1	0.70 - 0.70	1.0
Equipment Blank				
TDS	9	8	1.0 - 41.0	1.0
Xylenes, EPA 602				
Equipment Blank				
m-Xylene	20	0		0.20
o-Xylene	20	0		0.10
p-Xylene	20	0		0.20
Field Blank				
m-Xylene	19	0		0.20
o-Xylene	19	0		0.10
p-Xylene	19	0		0.20
Trip Blank (Field Blank)				
m-Xylene	17	0		2.0
o-Xylene	17	0		1.0
p-Xylene	17	0		2.0

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Chlorinated Phenoxy Herb. 509B			
Analyte: 2,4,5-T			
05-May-88	Equipment Blank	ND	0.1200
05-May-88	Equipment Blank	ND	0.1000
11-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
15-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.12

Date	Type of Blank	Detection Flag	Result
Method: Chlorinated Phenoxy Herb. 509B			
Analyte: 2,4,5-TP (Silvex)			
05-May-88	Equipment Blank	ND	0.1000
05-May-88	Equipment Blank	ND	0.1200
11-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
15-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.12

Date	Type of Blank	Detection Flag	Result
Method: Chlorinated Phenoxy Herb. 509B			
Analyte: 2,4-D			
05-May-88	Equipment Blank	ND	0.3000
05-May-88	Equipment Blank	ND	0.5000
11-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
15-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Chlorinated Phenoxy Herb. 509B			
Analyte: 2,4-D continued			
05-May-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	
05-May-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.50
Method: Phenols (604)			
Analyte: 2,4,6-Trichlorophenol			
09-May-88	Equipment Blank	ND	1.3000
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.3
Method: Phenols (604)			
Analyte: 2,4-Dichlorophenol			
09-May-88	Equipment Blank	ND	1.1000
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.1

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Phenols (604)			
Analyte: 2,4-Dimethylphenol			
09-May-88	Equipment Blank	ND	0.6300
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.63
Method: Phenols (604)			
Analyte: 2,4-Dinitrophenol			
09-May-88	Equipment Blank	ND	27.0000
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 27.0
Method: Phenols (604)			
Analyte: 2-Chlorophenol			
09-May-88	Equipment Blank	ND	0.4200
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Phenols (604)			
Analyte: 2-Chlorophenol continued			
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.42
Method: Phenols (604)			
Analyte: 2-Methyl-4,6-Dinitrophenol			
09-May-88	Equipment Blank	ND	34.0000
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 34.0
Method: Phenols (604)			
Analyte: 2-Nitrophenol			
09-May-88	Equipment Blank	ND	4.2000
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 4.2

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Phenols (604)			
Analyte: 4-Chloro-3-Methylphenol			
09-May-88	Equipment Blank	ND	0.8400
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.84
Method: Phenols (604)			
Analyte: 4-Nitrophenol			
09-May-88	Equipment Blank	ND	5.3000
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 5.3
Method: Phenols (604)			
Analyte: Pentachlorophenol			
09-May-88	Equipment Blank	ND	16.0000
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Phenols (604)			
Analyte: Pentachlorophenol continued			
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 16.0
Method: Phenols (604)			
Analyte: Phenol			
09-May-88	Equipment Blank	ND	0.4200
22-Mar-88	Reagent Blank	ND	
22-Mar-88	Reagent Blank	ND	
23-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
06-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
09-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.42
Method: Organochlorine Pest & PCB E608			
Analyte: 4,4'-DDD			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.010

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB E608			
Analyte: 4,4'-DDE			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608			
Analyte: 4,4'-DDT			
11-May-88	Equipment Blank	ND	0.0200
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.020
Method: Organochlorine Pest & PCB E608			
Analyte: Aldrin			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB E608			
Analyte: Aldrin continued			
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608			
Analyte: Chlordane			
11-May-88	Equipment Blank	ND	0.0500
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.050
Method: Organochlorine Pest & PCB E608			
Analyte: Dieldrin			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.010

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB E608			
Analyte: Endosulfan I			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608			
Analyte: Endosulfan II			
11-May-88	Equipment Blank	ND	0.0300
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.030
Method: Organochlorine Pest & PCB E608			
Analyte: Endosulfan Sulphate			
11-May-88	Equipment Blank	ND	0.0500
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB E608			
Analyte: Endosulfan Sulphate continued			
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.050
Method: Organochlorine Pest & PCB E608			
Analyte: Endrin			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608			
Analyte: Endrin Aldehyde			
11-May-88	Equipment Blank	ND	0.0200
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.020

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB E608			
Analyte: Endrin Ketone			
11-May-88	Equipment Blank	ND	0.0500
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.050
Method: Organochlorine Pest & PCB E608			
Analyte: Heptachlor			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608			
Analyte: Heptachlor Epoxide			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB E608 Analyte: Heptachlor Epoxide continued			
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608 Analyte: Methoxychlor			
11-May-88	Equipment Blank	ND	0.0500
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.050
Method: Organochlorine Pest & PCB E608 Analyte: PCB-1016			
11-May-88	Equipment Blank	ND	0.1000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.10

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB E608			
Analyte: PCB-1221			
11-May-88	Equipment Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: Organochlorine Pest & PCB E608			
Analyte: PCB-1232			
11-May-88	Equipment Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: Organochlorine Pest & PCB E608			
Analyte: PCB-1242			
11-May-88	Equipment Blank	ND	0.1000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB E608			
Analyte: PCB-1242 continued			
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.10
Method: Organochlorine Pest & PCB E608			
Analyte: PCB-1248			
11-May-88	Equipment Blank	ND	0.1000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.10
Method: Organochlorine Pest & PCB E608			
Analyte: PCB-1254			
11-May-88	Equipment Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB E608			
Analyte: PCB-1260			
11-May-88	Equipment Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: Organochlorine Pest & PCB E608			
Analyte: Toxaphene			
11-May-88	Equipment Blank	ND	0.5000
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
Total Number of Blanks = 8			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.50
Method: Organochlorine Pest & PCB E608			
Analyte: alpha-BHC			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB E608			
Analyte: alpha-BHC continued			
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608			
Analyte: beta-BHC			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.010
Method: Organochlorine Pest & PCB E608			
Analyte: delta-BHC			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
	Total Number of Blanks = 8		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.010

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB E608			
Analyte: gamma-BHC (lindane)			
11-May-88	Equipment Blank	ND	0.0100
08-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
17-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	
11-May-88	Reagent Blank	ND	

Total Number of Blanks = 8 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.010

Method: Organochlorine Pest & PCB 8080			
Analyte: 4,4'-DDD			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 4 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Organochlorine Pest & PCB 8080			
Analyte: 4,4'-DDE			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 4 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB 8080			
Analyte: 4,4'-DDT			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Aldrin			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Chlordane			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Dieldrin			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB 8080			
Analyte: Dieldrin continued			
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Endosulfan I			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Endosulfan II			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Endosulfan Sulphate			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB 8080			
Analyte: Endrin			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 4		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Endrin Aldehyde			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 4		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Endrin Ketone			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 4		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Heptachlor			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB 8080			
Analyte: Heptachlor continued			
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Heptachlor Epoxide			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Methoxychlor			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: PCB-1016			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB 8080			
Analyte: PCB-1221			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 4		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: PCB-1232			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 4		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: PCB-1242			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 4		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: PCB-1248			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB 8080			
Analyte: PCB-1248 continued			
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: PCB-1254			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: PCB-1260			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: Toxaphene			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Organochlorine Pest & PCB 8080			
Analyte: alpha-BHC			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: beta-BHC			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: delta-BHC			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Organochlorine Pest & PCB 8080			
Analyte: gamma-BHC (lindane)			
24-Feb-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	
11-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Organochlorine Pest & PCB 8080			
Analyte: gamma-BHC (lindane) continued			
Total Number of Blanks = 4			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Chlorinated Herbicides (8150)			
Analyte: 2,4,5-T			
15-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 3			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Chlorinated Herbicides (8150)			
Analyte: 2,4,5-TP (Silvex)			
15-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 3			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Chlorinated Herbicides (8150)			
Analyte: 2,4-D			
15-Mar-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
18-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 3			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Arsenic, graphite AA			
Analyte: As			
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
16-Feb-88	Calibration	ND	0.0020
22-Feb-88	Calibration	ND	0.0020
25-Feb-88	Calibration	ND	0.0020
25-Feb-88	Calibration	ND	0.0020
04-Mar-88	Calibration	ND	0.0020
08-Mar-88	Calibration	ND	0.0020
08-Mar-88	Calibration	ND	0.0020
09-Mar-88	Calibration	ND	0.0020
09-Mar-88	Calibration	ND	0.0020
09-Mar-88	Calibration	ND	0.0020
09-Mar-88	Calibration	ND	0.0020
17-Mar-88	Calibration	ND	0.0020
24-Mar-88	Calibration	ND	0.0020
24-Mar-88	Calibration	ND	0.0020
18-Apr-88	Calibration	ND	0.0020
18-Apr-88	Calibration	ND	0.0020
18-Apr-88	Calibration	ND	0.0020
21-Apr-88	Calibration	ND	0.0020
25-Apr-88	Calibration	ND	0.0020
27-Apr-88	Calibration	ND	0.0020
27-Apr-88	Calibration	ND	0.0020
27-Apr-88	Calibration	ND	0.0020
27-Apr-88	Calibration	ND	0.0020
30-Jun-88	Calibration	<5X	0.3000
30-Jun-88	Calibration	<5X	0.3000
30-Jun-88	Calibration	<5X	0.3000
30-Jun-88	Calibration	<5X	0.3000
30-Jun-88	Calibration	<5X	0.3000
30-Jun-88	Calibration	<5X	0.3000
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Arsenic, graphite AA Analyte: As continued			
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank		0.0150
01-Jan-88	Equipment Blank	ND	0.0020
16-Feb-88	Preparation	ND	0.0020
16-Feb-88	Preparation	ND	0.0020
16-Feb-88	Preparation	ND	0.0020
19-Feb-88	Preparation	ND	0.0500
19-Feb-88	Preparation	ND	0.0500
22-Feb-88	Preparation	ND	0.0020
22-Feb-88	Preparation	ND	0.0020
25-Feb-88	Preparation	ND	0.0020
04-Mar-88	Preparation	ND	0.0020
04-Mar-88	Preparation	ND	0.0020
08-Mar-88	Preparation	ND	0.0020
08-Mar-88	Preparation	ND	0.0020
09-Mar-88	Preparation	ND	0.0020
09-Mar-88	Preparation	ND	0.0020
09-Mar-88	Preparation	ND	0.0020
17-Mar-88	Preparation	ND	0.0020
17-Mar-88	Preparation	ND	0.0020
24-Mar-88	Preparation	ND	0.0020
18-Apr-88	Preparation	ND	0.0020
18-Apr-88	Preparation	ND	0.0020
18-Apr-88	Preparation	ND	0.0020
19-Apr-88	Preparation	<5X	0.0020
19-Apr-88	Preparation	<5X	0.0020
19-Apr-88	Preparation	<5X	0.0020
21-Apr-88	Preparation	ND	0.0020
21-Apr-88	Preparation	ND	0.0020
21-Apr-88	Preparation	ND	0.0020
21-Apr-88	Preparation	ND	0.0020
25-Apr-88	Preparation	ND	0.0020
25-Apr-88	Preparation	ND	0.0020
25-Apr-88	Preparation	ND	0.0020
25-Apr-88	Preparation	ND	0.0020
25-Apr-88	Preparation	ND	0.0020

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Arsenic, graphite AA			
Analyte: As continued			
25-Apr-88	Preparation	ND	0.0020
30-Jun-88	Preparation	<5X	0.3000
30-Jun-88	Preparation	<5X	0.3000

Total Number of Blanks = 84 — Concentration Range 0.0020 - 0.30
Total Number above Detection Limit = 12 — Maximum Detection Limit = 0.050

Method: Volatile Halocarbons (8240)			
Analyte: 1,1,1-trichloroethane			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	3.8000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 3.8

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: 1,1,2,2-tetrachloroethane			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	6.9000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 6.9

Method: Volatile Halocarbons (8240)			
Analyte: 1,1,2-trichloroethane			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240) Analyte: 1,1,2-trichloroethane continued			
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	5.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 5.0

Method: Volatile Halocarbons (8240)
Analyte: 1,1-dichloroethane

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240) Analyte: 1,1-dichloroethane continued			
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	2.8000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 2.8

Method: Volatile Halocarbons (8240)
Analyte: 1,1-dichloroethene

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	4.7000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 4.7

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: 1,2-dichloroethane			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	2.8000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 2.8

Method: Volatile Halocarbons (8240)			
Analyte: 1,2-dichloroethene (total)			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240) Analyte: 1,2-dichloroethene (total) continued			
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	1.6000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.6

Method: Volatile Halocarbons (8240)
Analyte: 1,2-dichloropropane

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: 1,2-dichloropropane continued			
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	6.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 6.0

Method: Volatile Halocarbons (8240)
Analyte: 2-butanone

Date	Type of Blank	Detection Flag	Result
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank		5400.0000
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank		5200.0000
02-Mar-88	Reagent Blank		5200.0000
02-Mar-88	Reagent Blank		5200.0000
02-Mar-88	Reagent Blank		5200.0000
06-Mar-88	Reagent Blank		3500.0000
06-Mar-88	Reagent Blank		3500.0000
07-Mar-88	Reagent Blank		19000.0000
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	25.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range 3500.0 - 19000.0
Total Number above Detection Limit = 8 — Maximum Detection Limit = 25.0

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: 2-hexanone			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	DET	2.5000
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	DET	2.7000
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	36.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range 2.5 - 2.7

Total Number above Detection Limit = 2 — Maximum Detection Limit = 36.0

Method: Volatile Halocarbons (8240)			
Analyte: 4-methyl-2-pentanone			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: 4-methyl-2-pentanone continued			
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	46.0000
07-Apr-88	Trip Blank (Field Blank)	ND	
	Total Number of Blanks = 23		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 46.0
Method: Volatile Halocarbons (8240)			
Analyte: Benzene			
05-Apr-88	Trip Blank (Field Blank)	ND	4.4000
	Total Number of Blanks = 1		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 4.4
Method: Volatile Halocarbons (8240)			
Analyte: Ethylbenzene			
05-Apr-88	Trip Blank (Field Blank)	ND	7.2000
	Total Number of Blanks = 1		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 7.2

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: Toluene			
05-Apr-88	Trip Blank (Field Blank)	ND	6.0000
	Total Number of Blanks = 1		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 6.0
Method: Volatile Halocarbons (8240)			
Analyte: Trichloroethene			
05-Apr-88	Trip Blank (Field Blank)	ND	1.9000
	Total Number of Blanks = 1		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 1.9
Method: Volatile Halocarbons (8240)			
Analyte: acetone			
04-Feb-88	Reagent Blank		17.0000
05-Feb-88	Reagent Blank	DET	5.7000
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	DET	4.9000
26-Feb-88	Reagent Blank	DET	3.5000
27-Feb-88	Reagent Blank	DET	7.4000
27-Feb-88	Reagent Blank		2200.0000
28-Feb-88	Reagent Blank		11.0000
01-Mar-88	Reagent Blank	DET	5.8000
01-Mar-88	Reagent Blank	DET	5.8000
02-Mar-88	Reagent Blank		3700.0000
02-Mar-88	Reagent Blank		3700.0000
02-Mar-88	Reagent Blank		3700.0000
06-Mar-88	Reagent Blank	DET	300.0000
06-Mar-88	Reagent Blank	DET	300.0000
07-Mar-88	Reagent Blank		2900.0000
16-Mar-88	Reagent Blank		30.0000
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank		8.5000
07-Apr-88	Reagent Blank		9.1000
05-Apr-88	Trip Blank (Field Blank)	ND	7.5000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: acetone continued			
07-Apr-88	Trip Blank (Field Blank)		15.0000

Total Number of Blanks = 23 — Concentration Range 3.5 - 3700.0
Total Number above Detection Limit = 19 — Maximum Detection Limit = 7.5

Method: Volatile Halocarbons (8240)
Analyte: benzene

04-Feb-88	Reagent Blank	ND
05-Feb-88	Reagent Blank	ND
05-Feb-88	Reagent Blank	ND
16-Feb-88	Reagent Blank	ND
22-Feb-88	Reagent Blank	ND
26-Feb-88	Reagent Blank	ND
27-Feb-88	Reagent Blank	ND
27-Feb-88	Reagent Blank	ND
28-Feb-88	Reagent Blank	ND
01-Mar-88	Reagent Blank	ND
01-Mar-88	Reagent Blank	ND
02-Mar-88	Reagent Blank	ND
02-Mar-88	Reagent Blank	ND
02-Mar-88	Reagent Blank	ND
06-Mar-88	Reagent Blank	ND
06-Mar-88	Reagent Blank	ND
07-Mar-88	Reagent Blank	ND
16-Mar-88	Reagent Blank	ND
03-Apr-88	Reagent Blank	ND
05-Apr-88	Reagent Blank	ND
07-Apr-88	Reagent Blank	ND
07-Apr-88	Trip Blank (Field Blank)	ND

Total Number of Blanks = 22 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: bromodichloromethane			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	2.2000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 2.2

Method: Volatile Halocarbons (8240)			
Analyte: bromoform			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: bromoform continued			
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	4.7000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 4.7

Method: Volatile Halocarbons (8240)
Analyte: bromomethane

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: bromomethane continued			
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	5.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 5.0

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: carbon disulfide			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	1.7000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 1.7

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: carbon tetrachloride			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	2.8000
07-Apr-88	Trip Blank (Field Blank)	ND	
Total Number of Blanks = 23		Concentration Range NC	
Total Number above Detection Limit = 0		Maximum Detection Limit = 2.8	
Method: Volatile Halocarbons (8240)			
Analyte: chlorobenzene			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240) Analyte: chlorobenzene continued			
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	6.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 6.0

Method: Volatile Halocarbons (8240)
Analyte: chloroethane

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240) Analyte: chloroethane continued			
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	5.0000
07-Apr-88	Trip Blank (Field Blank)	ND	
	Total Number of Blanks = 23		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 5.0
Method: Volatile Halocarbons (8240) Analyte: chloroform			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	1.6000
07-Apr-88	Trip Blank (Field Blank)	ND	
	Total Number of Blanks = 23		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 1.6

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: chloromethane			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	5.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 5.0

Method: Volatile Halocarbons (8240)			
Analyte: cis-1,3-dichloropropene			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: cis-1,3-dichloropropene continued			
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	5.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 5.0

Method: Volatile Halocarbons (8240)

Analyte: dibromochloromethane

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240) Analyte: dibromochloromethane continued			
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	3.1000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 3.1

Method: Volatile Halocarbons (8240)
Analyte: ethylbenzene

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 22 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: methylene chloride			
04-Feb-88	Reagent Blank		5.0000
05-Feb-88	Reagent Blank		4.9000
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank		16.0000
22-Feb-88	Reagent Blank		5.5000
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	DET	2.5000
27-Feb-88	Reagent Blank	DET	210.0000
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank		390.0000
16-Mar-88	Reagent Blank		6.1000
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	DET	1.7000
05-Apr-88	Trip Blank (Field Blank)	ND	2.8000
07-Apr-88	Trip Blank (Field Blank)	DET	2.7000
Total Number of Blanks = 23			Concentration Range 1.7 - 390.0
Total Number above Detection Limit = 10			Maximum Detection Limit = 2.8
Method: Volatile Halocarbons (8240)			
Analyte: styrene			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: styrene continued			
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	3.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 3.0

Method: Volatile Halocarbons (8240)			
Analyte: tetrachloroethene			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240) Analyte: tetrachloroethene continued			
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	4.1000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 4.1

Method: Volatile Halocarbons (8240)
Analyte: toluene

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 22 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: total xylenes			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	4.6000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 4.6

Method: Volatile Halocarbons (8240)
Analyte: trans-1,3-Dichloropropene

05-Apr-88	Trip Blank (Field Blank)	ND	5.0000

Total Number of Blanks = 1 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 5.0

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Volatile Halocarbons (8240)			
Analyte: trans-1,3-dichloropropene			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank.	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 22 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Volatile Halocarbons (8240)			
Analyte: trichloroethene			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: trichloroethene continued			
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 22 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Volatile Halocarbons (8240)			
Analyte: vinyl acetate			
04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Volatile Halocarbons (8240)			
Analyte: vinyl acetate continued			
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	6.9000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 6.9

Method: Volatile Halocarbons (8240)

Analyte: vinyl chloride

04-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
05-Feb-88	Reagent Blank	ND	
16-Feb-88	Reagent Blank	ND	
22-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
27-Feb-88	Reagent Blank	ND	
28-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
06-Mar-88	Reagent Blank	ND	
07-Mar-88	Reagent Blank	ND	
16-Mar-88	Reagent Blank	ND	
03-Apr-88	Reagent Blank	ND	
05-Apr-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
05-Apr-88	Trip Blank (Field Blank)	ND	5.0000
07-Apr-88	Trip Blank (Field Blank)	ND	

Total Number of Blanks = 23 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 5.0

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 1,2,4-trichlorobenzene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 1,2-dichlorobenzene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 1,3-dichlorobenzene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 1,4-dichlorobenzene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 2,4,5-trichlorophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 2,4,6-trichlorophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 2,4-dichlorophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 2,4-dimethylphenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 2,4-dinitrophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 2,4-dinitrotoluene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 2,6-dinitrotoluene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: 2-chloronaphthalene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 2-chlorophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: 2-methylnaphthalene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 2-methylphenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 14		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 2-nitroaniline			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
	Total Number of Blanks = 14		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 2-nitrophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 3,3'-dichlorobenzidine			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 3-nitroaniline			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 4,6-dinitro-2-methylphenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 4-bromophenyl-phenylether			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 4-chloro-3-methylphenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 4-chloroaniline			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: 4-chlorophenyl-phenylether			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 4-methylphenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: 4-nitroaniline			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: 4-nitrophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: acenaphthene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: acenaphthylene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: anthracene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: benzo(a)anthracene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: benzo(a)pyrene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: benzo(b)fluoranthene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: benzo(g,h,i)perylene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: benzo(k)fluoranthene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: benzoic acid			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: benzyl alcohol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: bis(2-chloroethoxy)methane			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: bis(2-chloroethyl)ether			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: bis(2-chloroisopropyl)ether			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: bis(2-ethylhexyl)phthalate			
17-Feb-88	Reagent Blank	DET	61.0000
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank		270.0000
19-Feb-88	Reagent Blank		690.0000
26-Feb-88	Reagent Blank	DET	170.0000
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank		330.0000
08-Mar-88	Reagent Blank		330.0000
08-Mar-88	Reagent Blank		470.0000
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	DET	150.0000
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	DET	150.0000
Total Number of Blanks = 14		Concentration Range	61.0 - 690.0
Total Number above Detection Limit = 9		Maximum Detection Limit =	
Method: Semivolatile Organics (8270)			
Analyte: butylbenzylphthalate			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank		11000.0000
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14		Concentration Range	11000.0 - 11000.0
Total Number above Detection Limit = 1		Maximum Detection Limit =	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: chrysene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: di-n-butylphthalate			
17-Feb-88	Reagent Blank	DET	150.0000
17-Feb-88	Reagent Blank	DET	110.0000
18-Feb-88	Reagent Blank		460.0000
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank		190.0000
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank		270.0000
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range 110.0 - 460.0
Total Number above Detection Limit = 5			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: di-n-octyl phthalate			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank		320.0000
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	DET	75.0000
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range 75.0 - 320.0
Total Number above Detection Limit = 2 — Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: dibenz(a,h)anthracene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: dibenzofuran			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: diethylphthalate			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: dimethyl phthalate			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: fluoranthene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: fluorene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: hexachlorobenzene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: hexachlorobutadiene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: hexachlorocyclopentadiene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: hexachloroethane			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: indeno(1,2,3-cd)pyrene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: isophorone			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: n-nitroso-di-n-propylamine			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: n-nitrosodiphenylamine (1)			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit =

Method: Semivolatile Organics (8270)			
Analyte: naphthalene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: nitrobenzene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: pentachlorophenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: phenanthrene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Semivolatile Organics (8270)			
Analyte: phenol			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	DET	76.0000
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 14			Concentration Range 76.0 - 76.0
Total Number above Detection Limit = 1			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Semivolatile Organics (8270)			
Analyte: pyrene			
17-Feb-88	Reagent Blank	ND	
17-Feb-88	Reagent Blank	ND	
18-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
19-Feb-88	Reagent Blank	ND	
26-Feb-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
14-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 14 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Base/Neutrals & Acids (CL625)			
Analyte: 1,2,4-trichlorobenzene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: 1,2-dichlorobenzene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 1,3-dichlorobenzene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 1,4-dichlorobenzene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: 1,4-dichlorobenzene continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2,4,5-trichlorophenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2,4,6-trichlorophenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result

Analysis for Base/Neutrals & Acids (CL625)
Analyte: 2,4,6-trichlorophenol continued

Method: Base/Neutrals & Acids (CL625)
Analyte: 2,4-dichlorophenol

02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Base/Neutrals & Acids (CL625)
Analyte: 2,4-dimethylphenol

02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2,4-dinitrophenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2,4-dinitrotoluene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2,6-dinitrotoluene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: 2,6-dinitrotoluene continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2-chloronaphthalene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2-chlorophenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result

Analysis for Base/Neutrals & Acids (CL625)
Analyte: 2-chlorophenol continued

Method: Base/Neutrals & Acids (CL625)
Analyte: 2-methylnaphthalene

02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

Method: Base/Neutrals & Acids (CL625)
Analyte: 2-methylphenol

02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2-nitroaniline			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 2-nitrophenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 3,3'-dichlorobenzidine			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: 3,3'-dichlorobenzidine continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 3-nitroaniline			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4,6-dinitro-2-methylphenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: 4,6-dinitro-2-methylphenol continued			
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4-bromophenyl-phenylether			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4-chloro-3-methylphenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4-chloroaniline			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4-chlorophenyl-phenylether			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4-methylphenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: 4-methylphenol continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4-nitroaniline			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: 4-nitrophenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: 4-nitrophenol continued			
Method: Base/Neutrals & Acids (CL625)			
Analyte: acenaphthene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: acenaphthylene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: anthracene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: benzo(a)anthracene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: benzo(a)pyrene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: benzo(a)pyrene continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: benzo(b)fluoranthene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: benzo(g,h,i)perylene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625) Analyte: benzo(g,h,i)perylene continued			
Method: Base/Neutrals & Acids (CL625) Analyte: benzo(k)fluoranthene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625) Analyte: benzoic acid			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: benzyl alcohol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: bis(2-chloroethoxy)methane			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: bis(2-chloroethyl)ether			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: bis(2-chloroethyl)ether continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: bis(2-chloroisopropyl)ether			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: bis(2-ethylhexyl)phthalate			
02-Mar-88	Reagent Blank	DET	1.4000
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank		31.0000
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank		2.8000
13-Apr-88	Reagent Blank		2.8000
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range 1.4 - 31.0
Total Number above Detection Limit = 4			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: bis(2-ethylhexyl)phthalate continued			
Method: Base/Neutrals & Acids (CL625)			
Analyte: butylbenzylphthalate			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	DET	1.3000
21-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range 1.3 - 1.3

Total Number above Detection Limit = 1 — Maximum Detection Limit =

Method: Base/Neutrals & Acids (CL625)

Analyte: chrysene

02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	

Total Number of Blanks = 9 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: di-n-butylphthalate			
02-Mar-88	Reagent Blank		6.3000
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank		11.0000
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank		8.0000
13-Apr-88	Reagent Blank		8.0000
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9		Concentration Range	6.3 - 11.0
Total Number above Detection Limit = 4		Maximum Detection Limit =	
Method: Base/Neutrals & Acids (CL625)			
Analyte: di-n-octyl phthalate			
02-Mar-88	Reagent Blank	DET	1.6000
08-Mar-88	Reagent Blank	NO	
09-Mar-88	Reagent Blank	NO	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9		Concentration Range	1.6 - 1.6
Total Number above Detection Limit = 1		Maximum Detection Limit =	
Method: Base/Neutrals & Acids (CL625)			
Analyte: dibenz(a,h)anthracene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: dibenz(a,h)anthracene continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: dibenzofuran			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: diethylphthalate			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: diethylphthalate continued			
Method: Base/Neutrals & Acids (CL625)			
Analyte: dimethyl phthalate			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: fluoranthene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: fluorene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: hexachlorobenzene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: hexachlorobutadiene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: hexachlorobutadiene continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: hexachlorocyclopentadiene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: hexachloroethane			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: hexachloroethane continued			
Method: Base/Neutrals & Acids (CL625)			
Analyte: indeno(1,2,3-cd)pyrene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: isophorone			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: n-nitroso-di-n-propylamine			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: n-nitrosodiphenylamine (1)			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: naphthalene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: naphthalene continued			
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: nitrobenzene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: pentachlorophenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Base/Neutrals & Acids (CL625)			
Analyte: pentachlorophenol continued			
Method: Base/Neutrals & Acids (CL625)			
Analyte: phenanthrene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Base/Neutrals & Acids (CL625)			
Analyte: phenol			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Base/Neutrals & Acids (CL625)			
Analyte: pyrene			
02-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
09-Mar-88	Reagent Blank	ND	
11-Mar-88	Reagent Blank	ND	
12-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
13-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
21-Apr-88	Reagent Blank	ND	
Total Number of Blanks = 9			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit =
Method: Chloride			
Analyte: Cl			
01-Jan-88	Equipment Blank		4.4000
01-Jan-88	Equipment Blank		1.0000
01-Jan-88	Equipment Blank		4.4000
01-Jan-88	Equipment Blank	ND	1.0000
01-Jan-88	Equipment Blank		7.1000
01-Jan-88	Equipment Blank		1.0000
01-Jan-88	Equipment Blank		1.0000
01-Jan-88	Equipment Blank	ND	1.0000
01-Jan-88	Equipment Blank		12.0000
01-Jan-88	Equipment Blank		1.0000
Total Number of Blanks = 10			Concentration Range 1.0 - 12.0
Total Number above Detection Limit = 8			Maximum Detection Limit = 1.0
Method: EPA method 601			
Analyte: 1,1,1-Trichloroethane			
07-Apr-88	Equipment Blank	ND	0.0900
11-Apr-88	Equipment Blank	ND	0.0900
13-Apr-88	Equipment Blank	ND	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1,1-Trichloroethane continued			
13-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
19-Apr-88	Equipment Blank	ND	0.0900
19-Apr-88	Equipment Blank	ND	0.0900
04-Mar-88	Field Blank	ND	0.0900
04-Mar-88	Field Blank	ND	0.0900
05-Mar-88	Field Blank	ND	0.0900
08-Mar-88	Field Blank	ND	0.0900
08-Mar-88	Field Blank	ND	0.0900
08-Mar-88	Field Blank	ND	0.0900
07-Apr-88	Field Blank	ND	0.0900
08-Apr-88	Field Blank	ND	0.0900
12-Apr-88	Field Blank	ND	0.0900
12-Apr-88	Field Blank	ND	0.0900
13-Apr-88	Field Blank	ND	0.0900
14-Apr-88	Field Blank	ND	0.0900
14-Apr-88	Field Blank	ND	0.0900
19-Apr-88	Field Blank	ND	0.0900
29-Feb-88	Reagent Blank	ND	0.0900
29-Feb-88	Reagent Blank	ND	0.0900
01-Mar-88	Reagent Blank	ND	0.0900
02-Mar-88	Reagent Blank	ND	0.0900
03-Mar-88	Reagent Blank	ND	0.0900
04-Mar-88	Reagent Blank	ND	0.0900
04-Mar-88	Reagent Blank	ND	0.0900
05-Mar-88	Reagent Blank	ND	0.0900
08-Mar-88	Reagent Blank	ND	0.0900
10-Mar-88	Reagent Blank	ND	0.0900
12-Mar-88	Reagent Blank	ND	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Analysis for EPA method 601
Analyte: 1,1,1-Trichloroethane continued

Date	Type of Blank	Detection Flag	Result
15-Mar-88	Reagent Blank	ND	0.0900
07-Apr-88	Reagent Blank	ND	0.0900
08-Apr-88	Reagent Blank	ND	0.0900
11-Apr-88	Reagent Blank	ND	0.0900
12-Apr-88	Reagent Blank	ND	0.0900
13-Apr-88	Reagent Blank	ND	0.0900
14-Apr-88	Reagent Blank	ND	0.0900
15-Apr-88	Reagent Blank	ND	0.0900
15-Apr-88	Reagent Blank	ND	0.0900
18-Apr-88	Reagent Blank	ND	0.0900
18-Apr-88	Reagent Blank	ND	0.0900
29-Feb-88	System Blank	ND	0.0900
29-Feb-88	System Blank	ND	0.0900
01-Mar-88	System Blank	ND	0.0900
02-Mar-88	System Blank	ND	0.0900
03-Mar-88	System Blank	ND	0.0900
04-Mar-88	System Blank	ND	0.0900
04-Mar-88	System Blank	ND	0.0900
05-Mar-88	System Blank	ND	0.0900
08-Mar-88	System Blank	ND	0.0900
10-Mar-88	System Blank	ND	0.0900
12-Mar-88	System Blank	ND	0.0900
15-Mar-88	System Blank	ND	0.0900
07-Apr-88	System Blank	ND	0.0900
08-Apr-88	System Blank	ND	0.0900
11-Apr-88	System Blank	NO	0.0900
12-Apr-88	System Blank	ND	0.0900
13-Apr-88	System Blank	NO	0.0900
14-Apr-88	System Blank	ND	0.0900
15-Apr-88	System Blank	ND	0.0900
15-Apr-88	System Blank	ND	0.0900
18-Apr-88	System Blank	ND	0.0900
18-Apr-88	System Blank	ND	0.0900
04-Mar-88	Trip Blank (Field Blank)	NO	0.0900
04-Mar-88	Trip Blank (Field Blank)	ND	0.0900
05-Mar-88	Trip Blank (Field Blank)	ND	0.0900
08-Mar-88	Trip Blank (Field Blank)	ND	0.0900
08-Mar-88	Trip Blank (Field Blank)	ND	0.0900
07-Apr-88	Trip Blank (Field Blank)	ND	0.0900
08-Apr-88	Trip Blank (Field Blank)	NO	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1,1-Trichloroethane continued			
12-Apr-88	Trip Blank (Field Blank)	ND	0.0900
12-Apr-88	Trip Blank (Field Blank)	ND	0.0900
13-Apr-88	Trip Blank (Field Blank)	ND	0.0900
14-Apr-88	Trip Blank (Field Blank)	ND	0.0900
14-Apr-88	Trip Blank (Field Blank)	ND	0.0900
19-Apr-88	Trip Blank (Field Blank)	ND	0.0900

Total Number of Blanks = 89 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.090

Method: EPA method 601
Analyte: 1,1,2,2-Tetrachloroethane

07-Apr-88	Equipment Blank	ND	0.1200
11-Apr-88	Equipment Blank	ND	0.1200
13-Apr-88	Equipment Blank	ND	0.1200
13-Apr-88	Equipment Blank	ND	0.1200
14-Apr-88	Equipment Blank	ND	0.1200
14-Apr-88	Equipment Blank	ND	0.1200
14-Apr-88	Equipment Blank	ND	0.1200
14-Apr-88	Equipment Blank	ND	0.1200
15-Apr-88	Equipment Blank	ND	0.1200
15-Apr-88	Equipment Blank	ND	0.1200
15-Apr-88	Equipment Blank	ND	0.1200
15-Apr-88	Equipment Blank	ND	0.1200
18-Apr-88	Equipment Blank	ND	0.1200
18-Apr-88	Equipment Blank	ND	0.1200
18-Apr-88	Equipment Blank	ND	0.1200
18-Apr-88	Equipment Blank	ND	0.1200
19-Apr-88	Equipment Blank	ND	0.1200
19-Apr-88	Equipment Blank	ND	0.1200
04-Mar-88	Field Blank	ND	0.1200
04-Mar-88	Field Blank	ND	0.1200
05-Mar-88	Field Blank	ND	0.1200
08-Mar-88	Field Blank	ND	0.1200
08-Mar-88	Field Blank	ND	0.1200
08-Mar-88	Field Blank	ND	0.1200
07-Apr-88	Field Blank	ND	0.1200
08-Apr-88	Field Blank	ND	0.1200

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1,2,2-Tetrachloroethane continued			
12-Apr-88	Field Blank	ND	0.1200
12-Apr-88	Field Blank	ND	0.1200
13-Apr-88	Field Blank	ND	0.1200
14-Apr-88	Field Blank	ND	0.1200
14-Apr-88	Field Blank	ND	0.1200
19-Apr-88	Field Blank	ND	0.1200
29-Feb-88	Reagent Blank	ND	0.1200
29-Feb-88	Reagent Blank	ND	0.1200
01-Mar-88	Reagent Blank	ND	0.1200
02-Mar-88	Reagent Blank	ND	0.1200
03-Mar-88	Reagent Blank	ND	0.1200
04-Mar-88	Reagent Blank	ND	0.1200
04-Mar-88	Reagent Blank	ND	0.1200
05-Mar-88	Reagent Blank	ND	0.1200
08-Mar-88	Reagent Blank	ND	0.1200
10-Mar-88	Reagent Blank	ND	0.1200
12-Mar-88	Reagent Blank	ND	0.1200
15-Mar-88	Reagent Blank	ND	0.1200
06-Apr-88	Reagent Blank	ND	0.1200
07-Apr-88	Reagent Blank	ND	0.1200
08-Apr-88	Reagent Blank	ND	0.1200
11-Apr-88	Reagent Blank	ND	0.1200
12-Apr-88	Reagent Blank	ND	0.1200
13-Apr-88	Reagent Blank	ND	0.1200
14-Apr-88	Reagent Blank	ND	0.1200
15-Apr-88	Reagent Blank	ND	0.1200
15-Apr-88	Reagent Blank	ND	0.1200
18-Apr-88	Reagent Blank	ND	0.1200
18-Apr-88	Reagent Blank	ND	0.1200
29-Feb-88	System Blank	ND	0.1200
29-Feb-88	System Blank	ND	0.1200
01-Mar-88	System Blank	ND	0.1200
02-Mar-88	System Blank	ND	0.1200
03-Mar-88	System Blank	ND	0.1200
04-Mar-88	System Blank	ND	0.1200
04-Mar-88	System Blank	ND	0.1200
05-Mar-88	System Blank	ND	0.1200
08-Mar-88	System Blank	ND	0.1200
10-Mar-88	System Blank	ND	0.1200
12-Mar-88	System Blank	ND	0.1200

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1,2,2-Tetrachloroethane continued			
15-Mar-88	System Blank	ND	0.1200
06-Apr-88	System Blank	ND	0.1200
07-Apr-88	System Blank	ND	0.1200
08-Apr-88	System Blank	ND	0.1200
11-Apr-88	System Blank	ND	0.1200
12-Apr-88	System Blank	ND	0.1200
13-Apr-88	System Blank	ND	0.1200
14-Apr-88	System Blank	ND	0.1200
15-Apr-88	System Blank	ND	0.1200
15-Apr-88	System Blank	ND	0.1200
18-Apr-88	System Blank	ND	0.1200
18-Apr-88	System Blank	ND	0.1200
04-Mar-88	Trip Blank (Field Blank)	ND	0.1200
04-Mar-88	Trip Blank (Field Blank)	ND	0.1200
05-Mar-88	Trip Blank (Field Blank)	ND	0.1200
08-Mar-88	Trip Blank (Field Blank)	ND	0.1200
08-Mar-88	Trip Blank (Field Blank)	ND	0.1200
07-Apr-88	Trip Blank (Field Blank)	ND	0.1200
08-Apr-88	Trip Blank (Field Blank)	ND	0.1200
12-Apr-88	Trip Blank (Field Blank)	ND	0.1200
12-Apr-88	Trip Blank (Field Blank)	ND	0.1200
13-Apr-88	Trip Blank (Field Blank)	ND	0.1200
14-Apr-88	Trip Blank (Field Blank)	ND	0.1200
14-Apr-88	Trip Blank (Field Blank)	ND	0.1200
19-Apr-88	Trip Blank (Field Blank)	ND	0.1200

Total Number of Blanks = 91 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.12

Method: EPA method 601
Analyte: 1,1,2-Trichloroethane

07-Apr-88	Equipment Blank	ND	0.0700
11-Apr-88	Equipment Blank	ND	0.0700
13-Apr-88	Equipment Blank	ND	0.0700
13-Apr-88	Equipment Blank	ND	0.0700
14-Apr-88	Equipment Blank	ND	0.0700
14-Apr-88	Equipment Blank	ND	0.0700
14-Apr-88	Equipment Blank	ND	0.0700

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1,2-Trichloroethane continued			
14-Apr-88	Equipment Blank	ND	0.0700
15-Apr-88	Equipment Blank	ND	0.0700
15-Apr-88	Equipment Blank	ND	0.0700
15-Apr-88	Equipment Blank	ND	0.0700
15-Apr-88	Equipment Blank	ND	0.0700
18-Apr-88	Equipment Blank	ND	0.0700
18-Apr-88	Equipment Blank	ND	0.0700
18-Apr-88	Equipment Blank	ND	0.0700
18-Apr-88	Equipment Blank	ND	0.0700
19-Apr-88	Equipment Blank	ND	0.0700
19-Apr-88	Equipment Blank	ND	0.0700
04-Mar-88	Field Blank	ND	0.0700
04-Mar-88	Field Blank	ND	0.0700
05-Mar-88	Field Blank	ND	0.0700
08-Mar-88	Field Blank	ND	0.0700
08-Mar-88	Field Blank	ND	0.0700
08-Mar-88	Field Blank	ND	0.0700
07-Apr-88	Field Blank	ND	0.0700
08-Apr-88	Field Blank	ND	0.0700
12-Apr-88	Field Blank	ND	0.0700
12-Apr-88	Field Blank	ND	0.0700
13-Apr-88	Field Blank	ND	0.0700
14-Apr-88	Field Blank	ND	0.0700
14-Apr-88	Field Blank	ND	0.0700
19-Apr-88	Field Blank	ND	0.0700
29-Feb-88	Reagent Blank	ND	0.0700
29-Feb-88	Reagent Blank	ND	0.0700
01-Mar-88	Reagent Blank	ND	0.0700
02-Mar-88	Reagent Blank	ND	0.0700
03-Mar-88	Reagent Blank	ND	0.0700
04-Mar-88	Reagent Blank	ND	0.0700
04-Mar-88	Reagent Blank	ND	0.0700
05-Mar-88	Reagent Blank	ND	0.0700
08-Mar-88	Reagent Blank	ND	0.0700
10-Mar-88	Reagent Blank	ND	0.0700
12-Mar-88	Reagent Blank	ND	0.0700
15-Mar-88	Reagent Blank	ND	0.0700
07-Apr-88	Reagent Blank	ND	0.0700
08-Apr-88	Reagent Blank	ND	0.0700
11-Apr-88	Reagent Blank	ND	0.0700

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1,2-Trichloroethane continued			
12-Apr-88	Reagent Blank	ND	0.0700
13-Apr-88	Reagent Blank	ND	0.0700
14-Apr-88	Reagent Blank	ND	0.0700
15-Apr-88	Reagent Blank	ND	0.0700
15-Apr-88	Reagent Blank	ND	0.0700
18-Apr-88	Reagent Blank	ND	0.0700
18-Apr-88	Reagent Blank	ND	0.0700
29-Feb-88	System Blank	ND	0.0700
29-Feb-88	System Blank	ND	0.0700
01-Mar-88	System Blank	ND	0.0700
02-Mar-88	System Blank	ND	0.0700
03-Mar-88	System Blank	ND	0.0700
04-Mar-88	System Blank	ND	0.0700
04-Mar-88	System Blank	ND	0.0700
05-Mar-88	System Blank	ND	0.0700
08-Mar-88	System Blank	ND	0.0700
10-Mar-88	System Blank	ND	0.0700
12-Mar-88	System Blank	ND	0.0700
15-Mar-88	System Blank	ND	0.0700
07-Apr-88	System Blank	ND	0.0700
08-Apr-88	System Blank	ND	0.0700
11-Apr-88	System Blank	ND	0.0700
12-Apr-88	System Blank	ND	0.0700
13-Apr-88	System Blank	ND	0.0700
14-Apr-88	System Blank	ND	0.0700
15-Apr-88	System Blank	ND	0.0700
15-Apr-88	System Blank	ND	0.0700
18-Apr-88	System Blank	ND	0.0700
18-Apr-88	System Blank	ND	0.0700
04-Mar-88	Trip Blank (Field Blank)	ND	0.0700
04-Mar-88	Trip Blank (Field Blank)	ND	0.0700
05-Mar-88	Trip Blank (Field Blank)	ND	0.0700
08-Mar-88	Trip Blank (Field Blank)	ND	0.0700
08-Mar-88	Trip Blank (Field Blank)	ND	0.0700
07-Apr-88	Trip Blank (Field Blank)	ND	0.0700
08-Apr-88	Trip Blank (Field Blank)	ND	0.0700
12-Apr-88	Trip Blank (Field Blank)	ND	0.0700
12-Apr-88	Trip Blank (Field Blank)	ND	0.0700
13-Apr-88	Trip Blank (Field Blank)	ND	0.0700
14-Apr-88	Trip Blank (Field Blank)	ND	0.0700

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1,2-Trichloroethane continued			
14-Apr-88	Trip Blank (Field Blank)	ND	0.0700
19-Apr-88	Trip Blank (Field Blank)	ND	0.0700
	Total Number of Blanks = 89		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.070
Method: EPA method 601			
Analyte: 1,1,2-trichloroethane			
06-Apr-88	Reagent Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 601			
Analyte: 1,1-Dichloroethane			
07-Apr-88	Equipment Blank	ND	0.0900
11-Apr-88	Equipment Blank	ND	0.0900
13-Apr-88	Equipment Blank	ND	0.0900
13-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
14-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
15-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
18-Apr-88	Equipment Blank	ND	0.0900
19-Apr-88	Equipment Blank	ND	0.0900
19-Apr-88	Equipment Blank	ND	0.0900
04-Mar-88	Field Blank	ND	0.0900
04-Mar-88	Field Blank	ND	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1-Dichloroethane continued			
05-Mar-88	Field Blank	ND	0.0900
08-Mar-88	Field Blank	ND	0.0900
08-Mar-88	Field Blank	ND	0.0900
08-Mar-88	Field Blank	ND	0.0900
07-Apr-88	Field Blank	ND	0.0900
08-Apr-88	Field Blank	ND	0.0900
12-Apr-88	Field Blank	ND	0.0900
12-Apr-88	Field Blank	ND	0.0900
13-Apr-88	Field Blank	ND	0.0900
14-Apr-88	Field Blank	ND	0.0900
14-Apr-88	Field Blank	ND	0.0900
19-Apr-88	Field Blank	ND	0.0900
29-Feb-88	Reagent Blank	ND	0.0900
29-Feb-88	Reagent Blank	ND	0.0900
01-Mar-88	Reagent Blank	ND	0.0900
02-Mar-88	Reagent Blank	ND	0.0900
03-Mar-88	Reagent Blank	ND	0.0900
04-Mar-88	Reagent Blank	ND	0.0900
04-Mar-88	Reagent Blank	ND	0.0900
05-Mar-88	Reagent Blank	ND	0.0900
08-Mar-88	Reagent Blank	ND	0.0900
10-Mar-88	Reagent Blank	ND	0.0900
12-Mar-88	Reagent Blank	ND	0.0900
15-Mar-88	Reagent Blank	ND	0.0900
06-Apr-88	Reagent Blank	ND	0.0900
07-Apr-88	Reagent Blank	ND	0.0900
08-Apr-88	Reagent Blank	ND	0.0900
11-Apr-88	Reagent Blank	ND	0.0900
12-Apr-88	Reagent Blank	ND	0.0900
13-Apr-88	Reagent Blank	ND	0.0900
14-Apr-88	Reagent Blank	ND	0.0900
15-Apr-88	Reagent Blank	ND	0.0900
15-Apr-88	Reagent Blank	ND	0.0900
18-Apr-88	Reagent Blank	ND	0.0900
18-Apr-88	Reagent Blank	ND	0.0900
29-Feb-88	System Blank	ND	0.0900
29-Feb-88	System Blank	ND	0.0900
01-Mar-88	System Blank	ND	0.0900
02-Mar-88	System Blank	ND	0.0900
03-Mar-88	System Blank	ND	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1-Dichloroethane continued			
04-Mar-88	System Blank	ND	0.0900
04-Mar-88	System Blank	ND	0.0900
05-Mar-88	System Blank	ND	0.0900
08-Mar-88	System Blank	ND	0.0900
10-Mar-88	System Blank	ND	0.0900
12-Mar-88	System Blank	ND	0.0900
15-Mar-88	System Blank	ND	0.0900
06-Apr-88	System Blank	ND	0.0900
07-Apr-88	System Blank	ND	0.0900
08-Apr-88	System Blank	ND	0.0900
11-Apr-88	System Blank	ND	0.0900
12-Apr-88	System Blank	ND	0.0900
13-Apr-88	System Blank	ND	0.0900
14-Apr-88	System Blank	ND	0.0900
15-Apr-88	System Blank	ND	0.0900
15-Apr-88	System Blank	ND	0.0900
18-Apr-88	System Blank	ND	0.0900
18-Apr-88	System Blank	ND	0.0900
04-Mar-88	Trip Blank (Field Blank)	ND	0.0900
04-Mar-88	Trip Blank (Field Blank)	ND	0.0900
05-Mar-88	Trip Blank (Field Blank)	ND	0.0900
08-Mar-88	Trip Blank (Field Blank)	ND	0.0900
08-Mar-88	Trip Blank (Field Blank)	ND	0.0900
07-Apr-88	Trip Blank (Field Blank)	ND	0.0900
08-Apr-88	Trip Blank (Field Blank)	ND	0.0900
12-Apr-88	Trip Blank (Field Blank)	ND	0.0900
12-Apr-88	Trip Blank (Field Blank)	ND	0.0900
13-Apr-88	Trip Blank (Field Blank)	ND	0.0900
14-Apr-88	Trip Blank (Field Blank)	ND	0.0900
14-Apr-88	Trip Blank (Field Blank)	ND	0.0900
19-Apr-88	Trip Blank (Field Blank)	ND	0.0900

Total Number of Blanks = 91 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 601			
Analyte: 1,1-Dichloroethene			
07-Apr-88	Equipment Blank	ND	0.1000
11-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
05-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
07-Apr-88	Field Blank	ND	0.1000
08-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
13-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
19-Apr-88	Field Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
01-Mar-88	Reagent Blank	ND	0.1000
02-Mar-88	Reagent Blank	ND	0.1000
03-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
05-Mar-88	Reagent Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1-Dichloroethene continued			
08-Mar-88	Reagent Blank	ND	0.1000
10-Mar-88	Reagent Blank	ND	0.1000
12-Mar-88	Reagent Blank	ND	0.1000
15-Mar-88	Reagent Blank	ND	0.1000
06-Apr-88	Reagent Blank	ND	0.1000
07-Apr-88	Reagent Blank	ND	0.1000
08-Apr-88	Reagent Blank	ND	0.1000
11-Apr-88	Reagent Blank	ND	0.1000
12-Apr-88	Reagent Blank	ND	0.1000
13-Apr-88	Reagent Blank	ND	0.1000
14-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
01-Mar-88	System Blank	ND	0.1000
02-Mar-88	System Blank	ND	0.1000
03-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
05-Mar-88	System Blank	ND	0.1000
08-Mar-88	System Blank	ND	0.1000
10-Mar-88	System Blank	ND	0.1000
12-Mar-88	System Blank	ND	0.1000
15-Mar-88	System Blank	ND	0.1000
06-Apr-88	System Blank	ND	0.1000
07-Apr-88	System Blank	ND	0.1000
08-Apr-88	System Blank	ND	0.1000
11-Apr-88	System Blank	ND	0.1000
12-Apr-88	System Blank	ND	0.1000
13-Apr-88	System Blank	ND	0.1000
14-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,1-Dichloroethene continued			
05-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
07-Apr-88	Trip Blank (Field Blank)	ND	0.1000
08-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
13-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
19-Apr-88	Trip Blank (Field Blank)	ND	0.1000

Total Number of Blanks = 91 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: EPA method 601			
Analyte: 1,2-Dichlorobenzene			
07-Apr-88	Equipment Blank	ND	0.5000
11-Apr-88	Equipment Blank	ND	0.5000
13-Apr-88	Equipment Blank	ND	0.5000
13-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
19-Apr-88	Equipment Blank	ND	0.5000
19-Apr-88	Equipment Blank	ND	0.5000
04-Mar-88	Field Blank	ND	0.5000
04-Mar-88	Field Blank	ND	0.5000
05-Mar-88	Field Blank	ND	0.5000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,2-Dichlorobenzene continued			
08-Mar-88	Field Blank	ND	0.5000
08-Mar-88	Field Blank	ND	0.5000
08-Mar-88	Field Blank	ND	0.5000
07-Apr-88	Field Blank	ND	0.5000
08-Apr-88	Field Blank	ND	0.5000
12-Apr-88	Field Blank	ND	0.5000
12-Apr-88	Field Blank	ND	0.5000
13-Apr-88	Field Blank	ND	0.5000
14-Apr-88	Field Blank	ND	0.5000
14-Apr-88	Field Blank	ND	0.5000
19-Apr-88	Field Blank	ND	0.5000
29-Feb-88	Reagent Blank	ND	0.5000
29-Feb-88	Reagent Blank	ND	0.5000
01-Mar-88	Reagent Blank	ND	0.5000
02-Mar-88	Reagent Blank	ND	0.5000
03-Mar-88	Reagent Blank	ND	0.5000
04-Mar-88	Reagent Blank	ND	0.5000
04-Mar-88	Reagent Blank	ND	0.5000
05-Mar-88	Reagent Blank	ND	0.5000
08-Mar-88	Reagent Blank	ND	0.5000
10-Mar-88	Reagent Blank	ND	0.5000
12-Mar-88	Reagent Blank	ND	0.5000
15-Mar-88	Reagent Blank	ND	0.5000
06-Apr-88	Reagent Blank	ND	0.5000
07-Apr-88	Reagent Blank	ND	0.5000
08-Apr-88	Reagent Blank	ND	0.5000
11-Apr-88	Reagent Blank	ND	0.5000
12-Apr-88	Reagent Blank	ND	0.5000
13-Apr-88	Reagent Blank	ND	0.5000
14-Apr-88	Reagent Blank	ND	0.5000
15-Apr-88	Reagent Blank	ND	0.5000
15-Apr-88	Reagent Blank	ND	0.5000
18-Apr-88	Reagent Blank	ND	0.5000
18-Apr-88	Reagent Blank	ND	0.5000
20-Apr-88	Reagent Blank	ND	0.5000
29-Feb-88	System Blank	ND	0.5000
29-Feb-88	System Blank	ND	0.5000
01-Mar-88	System Blank	ND	0.5000
02-Mar-88	System Blank	ND	0.5000
03-Mar-88	System Blank	ND	0.5000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,2-Dichlorobenzene continued			
04-Mar-88	System Blank	ND	0.5000
04-Mar-88	System Blank	ND	0.5000
05-Mar-88	System Blank	ND	0.5000
08-Mar-88	System Blank	ND	0.5000
10-Mar-88	System Blank	ND	0.5000
12-Mar-88	System Blank	ND	0.5000
15-Mar-88	System Blank	ND	0.5000
06-Apr-88	System Blank	ND	0.5000
07-Apr-88	System Blank	ND	0.5000
08-Apr-88	System Blank	ND	0.5000
11-Apr-88	System Blank	ND	0.5000
12-Apr-88	System Blank	ND	0.5000
13-Apr-88	System Blank	ND	0.5000
14-Apr-88	System Blank	ND	0.5000
15-Apr-88	System Blank	ND	0.5000
15-Apr-88	System Blank	ND	0.5000
18-Apr-88	System Blank	ND	0.5000
18-Apr-88	System Blank	ND	0.5000
20-Apr-88	System Blank	ND	0.5000
04-Mar-88	Trip Blank (Field Blank)	ND	0.5000
04-Mar-88	Trip Blank (Field Blank)	ND	0.5000
05-Mar-88	Trip Blank (Field Blank)	ND	0.5000
08-Mar-88	Trip Blank (Field Blank)	ND	0.5000
08-Mar-88	Trip Blank (Field Blank)	ND	0.5000
07-Apr-88	Trip Blank (Field Blank)	ND	0.5000
08-Apr-88	Trip Blank (Field Blank)	ND	0.5000
12-Apr-88	Trip Blank (Field Blank)	ND	0.5000
12-Apr-88	Trip Blank (Field Blank)	ND	0.5000
13-Apr-88	Trip Blank (Field Blank)	ND	0.5000
14-Apr-88	Trip Blank (Field Blank)	ND	0.5000
14-Apr-88	Trip Blank (Field Blank)	ND	0.5000
19-Apr-88	Trip Blank (Field Blank)	ND	0.5000

Total Number of Blanks = 93 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.50

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 601			
Analyte: 1,2-Dichloroethane			
07-Apr-88	Equipment Blank	ND	0.0300
11-Apr-88	Equipment Blank	ND	0.0300
13-Apr-88	Equipment Blank	ND	0.0300
13-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
19-Apr-88	Equipment Blank	ND	0.0300
19-Apr-88	Equipment Blank	ND	0.0300
04-Mar-88	Field Blank	ND	0.0300
04-Mar-88	Field Blank	ND	0.0300
05-Mar-88	Field Blank	ND	0.0300
08-Mar-88	Field Blank	ND	0.0300
08-Mar-88	Field Blank	ND	0.0300
08-Mar-88	Field Blank	ND	0.0300
07-Apr-88	Field Blank	ND	0.0300
08-Apr-88	Field Blank	ND	0.0300
12-Apr-88	Field Blank	ND	0.0300
12-Apr-88	Field Blank	ND	0.0300
13-Apr-88	Field Blank	ND	0.0300
14-Apr-88	Field Blank	ND	0.0300
14-Apr-88	Field Blank	ND	0.0300
19-Apr-88	Field Blank	ND	0.0300
29-Feb-88	Reagent Blank	ND	0.0300
29-Feb-88	Reagent Blank	ND	0.0300
01-Mar-88	Reagent Blank	ND	0.0300
02-Mar-88	Reagent Blank	ND	0.0300
03-Mar-88	Reagent Blank	ND	0.0300
04-Mar-88	Reagent Blank	ND	0.0300
04-Mar-88	Reagent Blank	ND	0.0300
05-Mar-88	Reagent Blank	ND	0.0300

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,2-Dichloroethane continued			
08-Mar-88	Reagent Blank	ND	0.0300
10-Mar-88	Reagent Blank	ND	0.0300
12-Mar-88	Reagent Blank	ND	0.0300
15-Mar-88	Reagent Blank	ND	0.0300
06-Apr-88	Reagent Blank	ND	0.0300
07-Apr-88	Reagent Blank	ND	0.0300
08-Apr-88	Reagent Blank	ND	0.0300
11-Apr-88	Reagent Blank	ND	0.0300
12-Apr-88	Reagent Blank	ND	0.0300
13-Apr-88	Reagent Blank	ND	0.0300
14-Apr-88	Reagent Blank	ND	0.0300
15-Apr-88	Reagent Blank	ND	0.0300
15-Apr-88	Reagent Blank	ND	0.0300
18-Apr-88	Reagent Blank	ND	0.0300
18-Apr-88	Reagent Blank	ND	0.0300
29-Feb-88	System Blank	ND	0.0300
29-Feb-88	System Blank	ND	0.0300
01-Mar-88	System Blank	ND	0.0300
02-Mar-88	System Blank	ND	0.0300
03-Mar-88	System Blank	ND	0.0300
04-Mar-88	System Blank	ND	0.0300
04-Mar-88	System Blank	ND	0.0300
05-Mar-88	System Blank	ND	0.0300
08-Mar-88	System Blank	ND	0.0300
10-Mar-88	System Blank	ND	0.0300
12-Mar-88	System Blank	ND	0.0300
15-Mar-88	System Blank	ND	0.0300
06-Apr-88	System Blank	ND	0.0300
07-Apr-88	System Blank	ND	0.0300
08-Apr-88	System Blank	ND	0.0300
11-Apr-88	System Blank	ND	0.0300
12-Apr-88	System Blank	ND	0.0300
13-Apr-88	System Blank	ND	0.0300
14-Apr-88	System Blank	ND	0.0300
15-Apr-88	System Blank	ND	0.0300
15-Apr-88	System Blank	ND	0.0300
18-Apr-88	System Blank	ND	0.0300
18-Apr-88	System Blank	ND	0.0300
04-Mar-88	Trip Blank (Field Blank)	ND	0.0300
04-Mar-88	Trip Blank (Field Blank)	ND	0.0300

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,2-Dichloroethane continued			
05-Mar-88	Trip Blank (Field Blank)	ND	0.0300
08-Mar-88	Trip Blank (Field Blank)	ND	0.0300
08-Mar-88	Trip Blank (Field Blank)	ND	0.0300
07-Apr-88	Trip Blank (Field Blank)	ND	0.0300
08-Apr-88	Trip Blank (Field Blank)	ND	0.0300
12-Apr-88	Trip Blank (Field Blank)	ND	0.0300
12-Apr-88	Trip Blank (Field Blank)	ND	0.0300
13-Apr-88	Trip Blank (Field Blank)	ND	0.0300
14-Apr-88	Trip Blank (Field Blank)	ND	0.0300
14-Apr-88	Trip Blank (Field Blank)	ND	0.0300
19-Apr-88	Trip Blank (Field Blank)	ND	0.0300

Total Number of Blanks = 91 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.030

Method: EPA method 601
Analyte: 1,2-Dichloropropane

07-Apr-88	Equipment Blank	ND	0.1000
11-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
05-Mar-88	Field Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,2-Dichloropropane continued			
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
07-Apr-88	Field Blank	ND	0.1000
08-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
13-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
19-Apr-88	Field Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
01-Mar-88	Reagent Blank	ND	0.1000
02-Mar-88	Reagent Blank	ND	0.1000
03-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
05-Mar-88	Reagent Blank	ND	0.1000
08-Mar-88	Reagent Blank	ND	0.1000
10-Mar-88	Reagent Blank	ND	0.1000
12-Mar-88	Reagent Blank	ND	0.1000
15-Mar-88	Reagent Blank	ND	0.1000
06-Apr-88	Reagent Blank	ND	0.1000
07-Apr-88	Reagent Blank	ND	0.1000
08-Apr-88	Reagent Blank	ND	0.1000
11-Apr-88	Reagent Blank	ND	0.1000
12-Apr-88	Reagent Blank	ND	0.1000
13-Apr-88	Reagent Blank	ND	0.1000
14-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
01-Mar-88	System Blank	ND	0.1000
02-Mar-88	System Blank	ND	0.1000
03-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,2-Dichloropropane continued			
04-Mar-88	System Blank	ND	0.1000
05-Mar-88	System Blank	ND	0.1000
08-Mar-88	System Blank	ND	0.1000
10-Mar-88	System Blank	ND	0.1000
12-Mar-88	System Blank	ND	0.1000
15-Mar-88	System Blank	ND	0.1000
06-Apr-88	System Blank	ND	0.1000
07-Apr-88	System Blank	ND	0.1000
08-Apr-88	System Blank	ND	0.1000
11-Apr-88	System Blank	ND	0.1000
12-Apr-88	System Blank	ND	0.1000
13-Apr-88	System Blank	ND	0.1000
14-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000
05-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
07-Apr-88	Trip Blank (Field Blank)	ND	0.1000
08-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
13-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
19-Apr-88	Trip Blank (Field Blank)	ND	0.1000

Total Number of Blanks = 91 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.10

Method: EPA method 601

Analyte: 1,2-dichloroethane

06-Apr-88	Reagent Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,2-dichloroethane continued			
Total Number of Blanks = 2		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	
Method: EPA method 601			
Analyte: 1,3-Dichlorobenzene			
07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
04-Mar-88	Field Blank	NO	0.3000
05-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	NO	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
19-Apr-88	Field Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,3-Dichlorobenzene continued			
29-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
03-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
08-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000
15-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000
08-Apr-88	Reagent Blank	ND	0.3000
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
13-Apr-88	Reagent Blank	ND	0.3000
14-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
20-Apr-88	Reagent Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
03-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000
08-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000
15-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000
11-Apr-88	System Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,3-Dichlorobenzene continued			
12-Apr-88	System Blank	ND	0.3000
13-Apr-88	System Blank	ND	0.3000
14-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
20-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
19-Apr-88	Trip Blank (Field Blank)	ND	0.3000

Total Number of Blanks = 93 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.30

Method: EPA method 601

Analyte: 1,4-Dichlorobenzene

07-Apr-88	Equipment Blank	ND	0.4000
11-Apr-88	Equipment Blank	ND	0.4000
13-Apr-88	Equipment Blank	ND	0.4000
13-Apr-88	Equipment Blank	ND	0.4000
14-Apr-88	Equipment Blank	ND	0.4000
14-Apr-88	Equipment Blank	ND	0.4000
14-Apr-88	Equipment Blank	ND	0.4000
14-Apr-88	Equipment Blank	ND	0.4000
15-Apr-88	Equipment Blank	ND	0.4000
15-Apr-88	Equipment Blank	ND	0.4000
15-Apr-88	Equipment Blank	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,4-Dichlorobenzene continued			
15-Apr-88	Equipment Blank	ND	0.4000
18-Apr-88	Equipment Blank	ND	0.4000
18-Apr-88	Equipment Blank	ND	0.4000
18-Apr-88	Equipment Blank	ND	0.4000
18-Apr-88	Equipment Blank	ND	0.4000
19-Apr-88	Equipment Blank	ND	0.4000
19-Apr-88	Equipment Blank	ND	0.4000
04-Mar-88	Field Blank	ND	0.4000
04-Mar-88	Field Blank	ND	0.4000
05-Mar-88	Field Blank	ND	0.4000
08-Mar-88	Field Blank	ND	0.4000
08-Mar-88	Field Blank	ND	0.4000
08-Mar-88	Field Blank	ND	0.4000
07-Apr-88	Field Blank	ND	0.4000
08-Apr-88	Field Blank	ND	0.4000
12-Apr-88	Field Blank	ND	0.4000
12-Apr-88	Field Blank	ND	0.4000
13-Apr-88	Field Blank	ND	0.4000
14-Apr-88	Field Blank	ND	0.4000
14-Apr-88	Field Blank	ND	0.4000
19-Apr-88	Field Blank	ND	0.4000
29-Feb-88	Reagent Blank	ND	0.4000
29-Feb-88	Reagent Blank	ND	0.4000
01-Mar-88	Reagent Blank	ND	0.4000
02-Mar-88	Reagent Blank	ND	0.4000
03-Mar-88	Reagent Blank	ND	0.4000
04-Mar-88	Reagent Blank	ND	0.4000
04-Mar-88	Reagent Blank	ND	0.4000
05-Mar-88	Reagent Blank	ND	0.4000
08-Mar-88	Reagent Blank	ND	0.4000
10-Mar-88	Reagent Blank	ND	0.4000
12-Mar-88	Reagent Blank	ND	0.4000
15-Mar-88	Reagent Blank	ND	0.4000
06-Apr-88	Reagent Blank	ND	0.4000
07-Apr-88	Reagent Blank	ND	0.4000
08-Apr-88	Reagent Blank	ND	0.4000
11-Apr-88	Reagent Blank	ND	0.4000
12-Apr-88	Reagent Blank	ND	0.4000
13-Apr-88	Reagent Blank	ND	0.4000
14-Apr-88	Reagent Blank	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,4-Dichlorobenzene continued			
15-Apr-88	Reagent Blank	ND	0.4000
15-Apr-88	Reagent Blank	ND	0.4000
18-Apr-88	Reagent Blank	ND	0.4000
18-Apr-88	Reagent Blank	ND	0.4000
20-Apr-88	Reagent Blank	ND	0.4000
29-Feb-88	System Blank	ND	0.4000
29-Feb-88	System Blank	ND	0.4000
01-Mar-88	System Blank	ND	0.4000
02-Mar-88	System Blank	ND	0.4000
03-Mar-88	System Blank	ND	0.4000
04-Mar-88	System Blank	ND	0.4000
04-Mar-88	System Blank	ND	0.4000
05-Mar-88	System Blank	ND	0.4000
08-Mar-88	System Blank	ND	0.4000
10-Mar-88	System Blank	ND	0.4000
12-Mar-88	System Blank	ND	0.4000
15-Mar-88	System Blank	ND	0.4000
06-Apr-88	System Blank	ND	0.4000
07-Apr-88	System Blank	ND	0.4000
08-Apr-88	System Blank	ND	0.4000
11-Apr-88	System Blank	ND	0.4000
12-Apr-88	System Blank	ND	0.4000
13-Apr-88	System Blank	ND	0.4000
14-Apr-88	System Blank	ND	0.4000
15-Apr-88	System Blank	ND	0.4000
15-Apr-88	System Blank	ND	0.4000
18-Apr-88	System Blank	ND	0.4000
18-Apr-88	System Blank	ND	0.4000
20-Apr-88	System Blank	ND	0.4000
04-Mar-88	Trip Blank (Field Blank)	ND	0.4000
04-Mar-88	Trip Blank (Field Blank)	ND	0.4000
05-Mar-88	Trip Blank (Field Blank)	ND	0.4000
08-Mar-88	Trip Blank (Field Blank)	ND	0.4000
08-Mar-88	Trip Blank (Field Blank)	ND	0.4000
07-Apr-88	Trip Blank (Field Blank)	ND	0.4000
08-Apr-88	Trip Blank (Field Blank)	ND	0.4000
12-Apr-88	Trip Blank (Field Blank)	ND	0.4000
12-Apr-88	Trip Blank (Field Blank)	ND	0.4000
13-Apr-88	Trip Blank (Field Blank)	ND	0.4000
14-Apr-88	Trip Blank (Field Blank)	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 1,4-Dichlorobenzene continued			
14-Apr-88	Trip Blank (Field Blank)	ND	0.4000
19-Apr-88	Trip Blank (Field Blank)	ND	0.4000

Total Number of Blanks = 93 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.40

Method: EPA method 601

Analyte: 2-Chloroethylvinyl ether

07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
05-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 2-Chloroethylvinyl ether continued			
14-Apr-88	Field Blank	ND	0.2000
19-Apr-88	Field Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	
29-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
05-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
10-Mar-88	Reagent Blank	ND	
12-Mar-88	Reagent Blank	ND	
15-Mar-88	Reagent Blank	ND	
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
29-Feb-88	System Blank	ND	
29-Feb-88	System Blank	ND	
01-Mar-88	System Blank	ND	
02-Mar-88	System Blank	ND	
03-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
05-Mar-88	System Blank	ND	
08-Mar-88	System Blank	ND	
10-Mar-88	System Blank	ND	
12-Mar-88	System Blank	ND	
15-Mar-88	System Blank	ND	
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: 2-Chloroethylvinyl ether continued			
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
19-Apr-88	Trip Blank (Field Blank)	ND	0.2000
	Total Number of Blanks = 89		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 601			
Analyte: Benzene			
20-Apr-88	Reagent Blank	ND	0.2000
20-Apr-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 601			
Analyte: Bromodichloromethane			
07-Apr-88	Equipment Blank	ND	0.1000
11-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromodichloromethane continued			
13-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank		0.2000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank		0.2000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
04-Mar-88	Field Blank		1.6000
04-Mar-88	Field Blank		3.3000
05-Mar-88	Field Blank		1.4000
08-Mar-88	Field Blank		0.9000
08-Mar-88	Field Blank		1.4000
08-Mar-88	Field Blank		1.2000
07-Apr-88	Field Blank	ND	0.1000
08-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
13-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
19-Apr-88	Field Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
01-Mar-88	Reagent Blank	ND	0.1000
02-Mar-88	Reagent Blank	ND	0.1000
03-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
05-Mar-88	Reagent Blank	ND	0.1000
08-Mar-88	Reagent Blank	ND	0.1000
10-Mar-88	Reagent Blank	ND	0.1000
12-Mar-88	Reagent Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromodichloromethane continued			
15-Mar-88	Reagent Blank	ND	0.1000
07-Apr-88	Reagent Blank	ND	0.1000
08-Apr-88	Reagent Blank	ND	0.1000
11-Apr-88	Reagent Blank	ND	0.1000
12-Apr-88	Reagent Blank	ND	0.1000
13-Apr-88	Reagent Blank	ND	0.1000
14-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
01-Mar-88	System Blank	ND	0.1000
02-Mar-88	System Blank	ND	0.1000
03-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
05-Mar-88	System Blank	ND	0.1000
08-Mar-88	System Blank	ND	0.1000
10-Mar-88	System Blank	ND	0.1000
12-Mar-88	System Blank	ND	0.1000
15-Mar-88	System Blank	ND	0.1000
07-Apr-88	System Blank	ND	0.1000
08-Apr-88	System Blank	ND	0.1000
11-Apr-88	System Blank	ND	0.1000
12-Apr-88	System Blank	ND	0.1000
13-Apr-88	System Blank	ND	0.1000
14-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000
05-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
07-Apr-88	Trip Blank (Field Blank)	ND	0.1000
08-Apr-88	Trip Blank (Field Blank)	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromodichloromethane continued			
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
13-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
19-Apr-88	Trip Blank (Field Blank)	ND	0.1000

Total Number of Blanks = 89 — Concentration Range 0.20 - 3.3

Total Number above Detection Limit = 8 — Maximum Detection Limit = 0.10

Method: EPA method 601			
Analyte: Bromoform			
07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
05-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromoform continued			
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
19-Apr-88	Field Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
03-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
08-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000
15-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000
08-Apr-88	Reagent Blank	ND	0.3000
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
13-Apr-88	Reagent Blank	ND	0.3000
14-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
03-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000
08-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromoform continued			
15-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000
11-Apr-88	System Blank	ND	0.3000
12-Apr-88	System Blank	ND	0.3000
13-Apr-88	System Blank	ND	0.3000
14-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
19-Apr-88	Trip Blank (Field Blank)	ND	0.3000

Total Number of Blanks = 91 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.30

Method: EPA method 601			
Analyte: Bromomethane			
07-Apr-88	Equipment Blank	ND	1.2000
11-Apr-88	Equipment Blank	ND	1.2000
13-Apr-88	Equipment Blank	ND	1.2000
13-Apr-88	Equipment Blank	ND	1.2000
14-Apr-88	Equipment Blank	ND	1.2000
14-Apr-88	Equipment Blank	ND	1.2000
14-Apr-88	Equipment Blank	ND	1.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromomethane continued			
14-Apr-88	Equipment Blank	ND	1.2000
15-Apr-88	Equipment Blank	ND	1.2000
15-Apr-88	Equipment Blank	ND	1.2000
15-Apr-88	Equipment Blank	ND	1.2000
15-Apr-88	Equipment Blank	ND	1.2000
18-Apr-88	Equipment Blank	ND	1.2000
18-Apr-88	Equipment Blank	ND	1.2000
18-Apr-88	Equipment Blank	ND	1.2000
18-Apr-88	Equipment Blank	ND	1.2000
19-Apr-88	Equipment Blank	ND	1.2000
19-Apr-88	Equipment Blank	ND	1.2000
04-Mar-88	Field Blank	ND	1.2000
04-Mar-88	Field Blank	ND	1.2000
05-Mar-88	Field Blank	ND	1.2000
08-Mar-88	Field Blank	ND	1.2000
08-Mar-88	Field Blank	ND	1.2000
08-Mar-88	Field Blank	ND	1.2000
07-Apr-88	Field Blank	ND	1.2000
08-Apr-88	Field Blank	ND	1.2000
12-Apr-88	Field Blank	ND	1.2000
12-Apr-88	Field Blank	ND	1.2000
13-Apr-88	Field Blank	ND	1.2000
14-Apr-88	Field Blank	ND	1.2000
14-Apr-88	Field Blank	ND	1.2000
19-Apr-88	Field Blank	ND	1.2000
29-Feb-88	Reagent Blank	ND	1.2000
29-Feb-88	Reagent Blank	ND	1.2000
01-Mar-88	Reagent Blank	ND	1.2000
02-Mar-88	Reagent Blank	ND	1.2000
03-Mar-88	Reagent Blank	ND	1.2000
04-Mar-88	Reagent Blank	ND	1.2000
04-Mar-88	Reagent Blank	ND	1.2000
05-Mar-88	Reagent Blank	ND	1.2000
08-Mar-88	Reagent Blank	ND	1.2000
10-Mar-88	Reagent Blank	ND	1.2000
12-Mar-88	Reagent Blank	ND	1.2000
15-Mar-88	Reagent Blank	ND	1.2000
06-Apr-88	Reagent Blank	ND	1.2000
07-Apr-88	Reagent Blank	ND	1.2000
08-Apr-88	Reagent Blank	ND	1.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromomethane continued			
11-Apr-88	Reagent Blank	ND	1.2000
12-Apr-88	Reagent Blank	ND	1.2000
13-Apr-88	Reagent Blank	ND	1.2000
14-Apr-88	Reagent Blank	ND	1.2000
15-Apr-88	Reagent Blank	ND	1.2000
15-Apr-88	Reagent Blank	ND	1.2000
18-Apr-88	Reagent Blank	ND	1.2000
18-Apr-88	Reagent Blank	ND	1.2000
29-Feb-88	System Blank	ND	1.2000
29-Feb-88	System Blank	ND	1.2000
01-Mar-88	System Blank	ND	1.2000
02-Mar-88	System Blank	ND	1.2000
03-Mar-88	System Blank	ND	1.2000
04-Mar-88	System Blank	ND	1.2000
04-Mar-88	System Blank	ND	1.2000
05-Mar-88	System Blank	ND	1.2000
08-Mar-88	System Blank	ND	1.2000
10-Mar-88	System Blank	ND	1.2000
12-Mar-88	System Blank	ND	1.2000
15-Mar-88	System Blank	ND	1.2000
06-Apr-88	System Blank	ND	1.2000
07-Apr-88	System Blank	ND	1.2000
08-Apr-88	System Blank	ND	1.2000
11-Apr-88	System Blank	ND	1.2000
12-Apr-88	System Blank	ND	1.2000
13-Apr-88	System Blank	ND	1.2000
14-Apr-88	System Blank	ND	1.2000
15-Apr-88	System Blank	ND	1.2000
15-Apr-88	System Blank	ND	1.2000
18-Apr-88	System Blank	ND	1.2000
18-Apr-88	System Blank	ND	1.2000
04-Mar-88	Trip Blank (Field Blank)	ND	1.2000
04-Mar-88	Trip Blank (Field Blank)	ND	1.2000
05-Mar-88	Trip Blank (Field Blank)	ND	1.2000
08-Mar-88	Trip Blank (Field Blank)	ND	1.2000
08-Mar-88	Trip Blank (Field Blank)	ND	1.2000
07-Apr-88	Trip Blank (Field Blank)	ND	1.2000
08-Apr-88	Trip Blank (Field Blank)	ND	1.2000
12-Apr-88	Trip Blank (Field Blank)	ND	1.2000
12-Apr-88	Trip Blank (Field Blank)	ND	1.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Bromomethane continued			
13-Apr-88	Trip Blank (Field Blank)	ND	1.2000
14-Apr-88	Trip Blank (Field Blank)	ND	1.2000
14-Apr-88	Trip Blank (Field Blank)	ND	1.2000
19-Apr-88	Trip Blank (Field Blank)	ND	1.2000

Total Number of Blanks = 91 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 1.2

Method: EPA method 601

Analyte: Carbon Tetrachloride

01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
05-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
10-Mar-88	Reagent Blank	ND	
12-Mar-88	Reagent Blank	ND	
15-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
01-Mar-88	System Blank	ND	
02-Mar-88	System Blank	ND	
03-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
05-Mar-88	System Blank	ND	
08-Mar-88	System Blank	ND	
10-Mar-88	System Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Carbon Tetrachloride continued			
12-Mar-88	System Blank	ND	
15-Mar-88	System Blank	ND	
07-Apr-88	System Blank	ND	
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000

Total Number of Blanks = 40 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: EPA method 601
Analyte: Carbon tetrachloride

07-Apr-88	Equipment Blank	ND	0.1000
11-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Carbon tetrachloride continued			
05-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
07-Apr-88	Field Blank	ND	0.1000
08-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
13-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
19-Apr-88	Field Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	
29-Feb-88	System Blank	ND	
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000
05-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
08-Mar-88	Trip Blank (Field Blank)	ND	0.1000
07-Apr-88	Trip Blank (Field Blank)	ND	0.1000
08-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
13-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
19-Apr-88	Trip Blank (Field Blank)	ND	0.1000

Total Number of Blanks = 47 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.10

Method: EPA method 601			
Analyte: Chlorobenzene			
07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chlorobenzene continued			
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank		0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank		2.3000
04-Mar-88	Field Blank		2.4000
05-Mar-88	Field Blank		1.0000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
19-Apr-88	Field Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
03-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
08-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000
15-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chlorobenzene continued			
08-Apr-88	Reagent Blank	ND	0.3000
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
13-Apr-88	Reagent Blank	ND	0.3000
14-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
20-Apr-88	Reagent Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
03-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000
08-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000
15-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000
11-Apr-88	System Blank	ND	0.3000
12-Apr-88	System Blank	ND	0.3000
13-Apr-88	System Blank	ND	0.3000
14-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
20-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chlorobenzene continued			
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
19-Apr-88	Trip Blank (Field Blank)	ND	0.3000

Total Number of Blanks = 91 — Concentration Range 0.30 - 2.4

Total Number above Detection Limit = 4 — Maximum Detection Limit = 0.30

Method: EPA method 601

Analyte: Chloroethane

07-Apr-88	Equipment Blank	ND	0.5000
11-Apr-88	Equipment Blank	ND	0.5000
13-Apr-88	Equipment Blank	ND	0.5000
13-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
14-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
15-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
18-Apr-88	Equipment Blank	ND	0.5000
19-Apr-88	Equipment Blank	ND	0.5000
19-Apr-88	Equipment Blank	ND	0.5000
04-Mar-88	Field Blank	ND	0.5000
04-Mar-88	Field Blank	ND	0.5000
05-Mar-88	Field Blank	ND	0.5000
08-Mar-88	Field Blank	ND	0.5000
08-Mar-88	Field Blank	ND	0.5000
08-Mar-88	Field Blank	ND	0.5000
07-Apr-88	Field Blank	ND	0.5000
08-Apr-88	Field Blank	ND	0.5000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chloroethane continued			
12-Apr-88	Field Blank	ND	0.5000
12-Apr-88	Field Blank	ND	0.5000
13-Apr-88	Field Blank	ND	0.5000
14-Apr-88	Field Blank	ND	0.5000
14-Apr-88	Field Blank	ND	0.5000
19-Apr-88	Field Blank	ND	0.5000
29-Feb-88	Reagent Blank	ND	0.5000
29-Feb-88	Reagent Blank	ND	0.5000
01-Mar-88	Reagent Blank	ND	0.5000
02-Mar-88	Reagent Blank	ND	0.5000
03-Mar-88	Reagent Blank	ND	0.5000
04-Mar-88	Reagent Blank	ND	0.5000
05-Mar-88	Reagent Blank	ND	0.5000
08-Mar-88	Reagent Blank	ND	0.5000
10-Mar-88	Reagent Blank	ND	0.5000
12-Mar-88	Reagent Blank	ND	0.5000
15-Mar-88	Reagent Blank	ND	0.5000
06-Apr-88	Reagent Blank	ND	0.5000
07-Apr-88	Reagent Blank	ND	0.5000
08-Apr-88	Reagent Blank	ND	0.5000
11-Apr-88	Reagent Blank	ND	0.5000
12-Apr-88	Reagent Blank	ND	0.5000
13-Apr-88	Reagent Blank	ND	0.5000
14-Apr-88	Reagent Blank	ND	0.5000
15-Apr-88	Reagent Blank	ND	0.5000
15-Apr-88	Reagent Blank	ND	0.5000
18-Apr-88	Reagent Blank	ND	0.5000
18-Apr-88	Reagent Blank	ND	0.5000
29-Feb-88	System Blank	ND	0.5000
29-Feb-88	System Blank	ND	0.5000
01-Mar-88	System Blank	ND	0.5000
02-Mar-88	System Blank	ND	0.5000
03-Mar-88	System Blank	ND	0.5000
04-Mar-88	System Blank	ND	0.5000
05-Mar-88	System Blank	ND	0.5000
08-Mar-88	System Blank	ND	0.5000
10-Mar-88	System Blank	ND	0.5000
12-Mar-88	System Blank	ND	0.5000
15-Mar-88	System Blank	ND	0.5000
06-Apr-88	System Blank	ND	0.5000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chloroethane continued			
07-Apr-88	System Blank	ND	0.5000
08-Apr-88	System Blank	ND	0.5000
11-Apr-88	System Blank	ND	0.5000
12-Apr-88	System Blank	ND	0.5000
13-Apr-88	System Blank	ND	0.5000
14-Apr-88	System Blank	ND	0.5000
15-Apr-88	System Blank	ND	0.5000
15-Apr-88	System Blank	ND	0.5000
18-Apr-88	System Blank	ND	0.5000
18-Apr-88	System Blank	ND	0.5000
04-Mar-88	Trip Blank (Field Blank)	ND	0.5000
04-Mar-88	Trip Blank (Field Blank)	ND	0.5000
05-Mar-88	Trip Blank (Field Blank)	ND	0.5000
08-Mar-88	Trip Blank (Field Blank)	ND	0.5000
08-Mar-88	Trip Blank (Field Blank)	ND	0.5000
07-Apr-88	Trip Blank (Field Blank)	ND	0.5000
08-Apr-88	Trip Blank (Field Blank)	ND	0.5000
12-Apr-88	Trip Blank (Field Blank)	ND	0.5000
12-Apr-88	Trip Blank (Field Blank)	ND	0.5000
13-Apr-88	Trip Blank (Field Blank)	ND	0.5000
14-Apr-88	Trip Blank (Field Blank)	ND	0.5000
14-Apr-88	Trip Blank (Field Blank)	ND	0.5000
19-Apr-88	Trip Blank (Field Blank)	ND	0.5000

Total Number of Blanks = 89 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.50

Method: EPA method 601			
Analyte: Chloroform			
07-Apr-88	Equipment Blank	ND	0.0500
11-Apr-88	Equipment Blank	ND	0.0500
13-Apr-88	Equipment Blank		0.3000
13-Apr-88	Equipment Blank		0.3000
14-Apr-88	Equipment Blank		0.4000
14-Apr-88	Equipment Blank		0.7000
14-Apr-88	Equipment Blank		0.3000
14-Apr-88	Equipment Blank		0.2000
15-Apr-88	Equipment Blank		0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chloroform continued			
15-Apr-88	Equipment Blank		0.3000
15-Apr-88	Equipment Blank		0.8000
15-Apr-88	Equipment Blank		0.2000
18-Apr-88	Equipment Blank		0.4000
18-Apr-88	Equipment Blank		0.5000
18-Apr-88	Equipment Blank		0.3000
18-Apr-88	Equipment Blank		0.9000
19-Apr-88	Equipment Blank		0.2000
19-Apr-88	Equipment Blank		0.3000
04-Mar-88	Field Blank		2.4000
04-Mar-88	Field Blank		2.6000
05-Mar-88	Field Blank		1.1000
08-Mar-88	Field Blank		3.2000
08-Mar-88	Field Blank		1.7000
08-Mar-88	Field Blank		3.2000
07-Apr-88	Field Blank	ND	0.0500
08-Apr-88	Field Blank	ND	0.0500
12-Apr-88	Field Blank	ND	0.0500
12-Apr-88	Field Blank	ND	0.0500
13-Apr-88	Field Blank	ND	0.0500
14-Apr-88	Field Blank	ND	0.0500
14-Apr-88	Field Blank	ND	0.0500
19-Apr-88	Field Blank	ND	0.0500
29-Feb-88	Reagent Blank	ND	0.0500
29-Feb-88	Reagent Blank	ND	0.0500
01-Mar-88	Reagent Blank	ND	0.0500
02-Mar-88	Reagent Blank	ND	0.0500
03-Mar-88	Reagent Blank	ND	0.0500
04-Mar-88	Reagent Blank	ND	0.0500
04-Mar-88	Reagent Blank	ND	0.0500
05-Mar-88	Reagent Blank	ND	0.0500
08-Mar-88	Reagent Blank	ND	0.0500
10-Mar-88	Reagent Blank	ND	0.0500
12-Mar-88	Reagent Blank	ND	0.0500
15-Mar-88	Reagent Blank	ND	0.0500
06-Apr-88	Reagent Blank	ND	0.0500
07-Apr-88	Reagent Blank	ND	0.0500
08-Apr-88	Reagent Blank	ND	0.0500
11-Apr-88	Reagent Blank	ND	0.0500
12-Apr-88	Reagent Blank	ND	0.0500

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chloroform continued			
13-Apr-88	Reagent Blank	ND	0.0500
14-Apr-88	Reagent Blank	ND	0.0500
15-Apr-88	Reagent Blank	ND	0.0500
15-Apr-88	Reagent Blank	ND	0.0500
18-Apr-88	Reagent Blank	ND	0.0500
18-Apr-88	Reagent Blank	ND	0.0500
29-Feb-88	System Blank	ND	0.0500
29-Feb-88	System Blank	ND	0.0500
01-Mar-88	System Blank	ND	0.0500
02-Mar-88	System Blank	ND	0.0500
03-Mar-88	System Blank	ND	0.0500
04-Mar-88	System Blank	ND	0.0500
04-Mar-88	System Blank	ND	0.0500
05-Mar-88	System Blank	ND	0.0500
08-Mar-88	System Blank	ND	0.0500
10-Mar-88	System Blank	ND	0.0500
12-Mar-88	System Blank	ND	0.0500
15-Mar-88	System Blank	ND	0.0500
06-Apr-88	System Blank	ND	0.0500
07-Apr-88	System Blank	ND	0.0500
08-Apr-88	System Blank	ND	0.0500
11-Apr-88	System Blank	ND	0.0500
12-Apr-88	System Blank	ND	0.0500
13-Apr-88	System Blank	ND	0.0500
14-Apr-88	System Blank	ND	0.0500
15-Apr-88	System Blank	ND	0.0500
15-Apr-88	System Blank	ND	0.0500
18-Apr-88	System Blank	ND	0.0500
18-Apr-88	System Blank	ND	0.0500
04-Mar-88	Trip Blank (Field Blank)	ND	0.0500
04-Mar-88	Trip Blank (Field Blank)	ND	0.0500
05-Mar-88	Trip Blank (Field Blank)	ND	0.0500
08-Mar-88	Trip Blank (Field Blank)	ND	0.0500
08-Mar-88	Trip Blank (Field Blank)	ND	0.0500
07-Apr-88	Trip Blank (Field Blank)	ND	0.0500
08-Apr-88	Trip Blank (Field Blank)	ND	0.0500
12-Apr-88	Trip Blank (Field Blank)	ND	0.0500
12-Apr-88	Trip Blank (Field Blank)	ND	0.0500
13-Apr-88	Trip Blank (Field Blank)	ND	0.0500
14-Apr-88	Trip Blank (Field Blank)	ND	0.0500

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chloroform continued			
14-Apr-88	Trip Blank (Field Blank)	ND	0.0500
19-Apr-88	Trip Blank (Field Blank)	ND	0.0500

Total Number of Blanks = 91 Concentration Range 0.20 - 3.2
Total Number above Detection Limit = 22 Maximum Detection Limit = 0.050

Date	Type of Blank	Detection Flag	Result
Method: EPA method 601			
Analyte: Chloromethane			
07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
05-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chloromethane continued			
14-Apr-88	Field Blank	ND	0.3000
19-Apr-88	Field Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
03-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
08-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000
15-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000
08-Apr-88	Reagent Blank	ND	0.3000
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
13-Apr-88	Reagent Blank	ND	0.3000
14-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
03-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000
08-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000
15-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Chloromethane continued			
11-Apr-88	System Blank	ND	0.3000
12-Apr-88	System Blank	ND	0.3000
13-Apr-88	System Blank	ND	0.3000
14-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
19-Apr-88	Trip Blank (Field Blank)	ND	0.3000

Total Number of Blanks = 91 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.30

Method: EPA method 601
Analyte: Dibromochloromethane

07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Dibromochloromethane continued			
15-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
04-Mar-88	Field Blank		0.7000
04-Mar-88	Field Blank		0.5000
05-Mar-88	Field Blank		0.4000
08-Mar-88	Field Blank		0.4000
08-Mar-88	Field Blank		0.3000
08-Mar-88	Field Blank		0.5000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
19-Apr-88	Field Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
03-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
15-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Dibromochloromethane continued			
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
03-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
05-Mar-88	System Blank	ND	0.2000
08-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
15-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
19-Apr-88	Trip Blank (Field Blank)	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Dibromochloromethane continued			
Total Number of Blanks = 91		Concentration Range	0.30 - 0.70
Total Number above Detection Limit = 6		Maximum Detection Limit = 0.20	
Method: EPA method 601			
Analyte: Ethylbenzene			
20-Apr-88	Reagent Blank	ND	0.2000
20-Apr-88	System Blank	ND	0.2000
Total Number of Blanks = 2		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	
Method: EPA method 601			
Analyte: Methylene Chloride			
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
05-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
10-Mar-88	Reagent Blank	ND	
12-Mar-88	Reagent Blank	ND	
15-Mar-88	Reagent Blank	ND	
07-Apr-88	Reagent Blank	ND	
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
01-Mar-88	System Blank	ND	
02-Mar-88	System Blank	ND	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Methylene Chloride continued			
03-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
05-Mar-88	System Blank	ND	
08-Mar-88	System Blank	ND	
10-Mar-88	System Blank	ND	
12-Mar-88	System Blank	ND	
15-Mar-88	System Blank	ND	
07-Apr-88	System Blank	ND	
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000

Total Number of Blanks = 40 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: EPA method 601			
Analyte: Methylene chloride			
07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Methylene chloride continued			
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
05-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
19-Apr-88	Field Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	
06-Apr-88	Reagent Blank	ND	0.2000
29-Feb-88	System Blank	ND	
06-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
19-Apr-88	Trip Blank (Field Blank)	ND	0.3000

Total Number of Blanks = 49 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.30

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 601			
Analyte: Tetrachloroethene			
07-Apr-88	Equipment Blank	ND	0.0300
11-Apr-88	Equipment Blank	ND	0.0300
13-Apr-88	Equipment Blank	ND	0.0300
13-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
14-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
15-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
18-Apr-88	Equipment Blank	ND	0.0300
19-Apr-88	Equipment Blank	ND	0.0300
19-Apr-88	Equipment Blank	ND	0.0300
04-Mar-88	Field Blank	ND	0.0300
04-Mar-88	Field Blank	ND	0.0300
05-Mar-88	Field Blank	ND	0.0300
08-Mar-88	Field Blank	ND	0.0300
08-Mar-88	Field Blank	ND	0.0300
08-Mar-88	Field Blank	ND	0.0300
07-Apr-88	Field Blank	ND	0.0300
08-Apr-88	Field Blank	ND	0.0300
12-Apr-88	Field Blank	ND	0.0300
12-Apr-88	Field Blank	ND	0.0300
13-Apr-88	Field Blank	ND	0.0300
14-Apr-88	Field Blank	ND	0.0300
14-Apr-88	Field Blank	ND	0.0300
19-Apr-88	Field Blank	ND	0.0300
04-Mar-88	Trip Blank (Field Blank)	ND	0.0300
04-Mar-88	Trip Blank (Field Blank)	ND	0.0300
05-Mar-88	Trip Blank (Field Blank)	ND	0.0300
08-Mar-88	Trip Blank (Field Blank)	ND	0.0300
08-Mar-88	Trip Blank (Field Blank)	ND	0.0300
07-Apr-88	Trip Blank (Field Blank)	ND	0.0300
08-Apr-88	Trip Blank (Field Blank)	ND	0.0300
12-Apr-88	Trip Blank (Field Blank)	ND	0.0300
12-Apr-88	Trip Blank (Field Blank)	ND	0.0300

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Tetrachloroethene continued			
13-Apr-88	Trip Blank (Field Blank)	ND	0.0300
14-Apr-88	Trip Blank (Field Blank)	ND	0.0300
14-Apr-88	Trip Blank (Field Blank)	ND	0.0300
19-Apr-88	Trip Blank (Field Blank)	ND	0.0300

Total Number of Blanks = 45 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.030

Method: EPA method 601
Analyte: Tetrachloroethylene

29-Feb-88	Reagent Blank	ND	0.0300
01-Mar-88	Reagent Blank	ND	0.0300
02-Mar-88	Reagent Blank	ND	0.0300
03-Mar-88	Reagent Blank	ND	0.0300
04-Mar-88	Reagent Blank	ND	0.0300
04-Mar-88	Reagent Blank	ND	0.0300
05-Mar-88	Reagent Blank	ND	0.0300
08-Mar-88	Reagent Blank	ND	0.0300
10-Mar-88	Reagent Blank	ND	0.0300
12-Mar-88	Reagent Blank	ND	0.0300
15-Mar-88	Reagent Blank	ND	0.0300
06-Apr-88	Reagent Blank	ND	0.0300
07-Apr-88	Reagent Blank	ND	0.0300
08-Apr-88	Reagent Blank	ND	0.0300
11-Apr-88	Reagent Blank	ND	0.0300
12-Apr-88	Reagent Blank	ND	0.0300
13-Apr-88	Reagent Blank	ND	0.0300
14-Apr-88	Reagent Blank	ND	0.0300
15-Apr-88	Reagent Blank	ND	0.0300
15-Apr-88	Reagent Blank	ND	0.0300
18-Apr-88	Reagent Blank	ND	0.0300
18-Apr-88	Reagent Blank	ND	0.0300
29-Feb-88	System Blank	ND	0.0300
01-Mar-88	System Blank	ND	0.0300
02-Mar-88	System Blank	ND	0.0300
03-Mar-88	System Blank	ND	0.0300
04-Mar-88	System Blank	ND	0.0300
04-Mar-88	System Blank	ND	0.0300

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Tetrachloroethylene continued			
05-Mar-88	System Blank	ND	0.0300
08-Mar-88	System Blank	ND	0.0300
10-Mar-88	System Blank	ND	0.0300
12-Mar-88	System Blank	ND	0.0300
15-Mar-88	System Blank	ND	0.0300
06-Apr-88	System Blank	ND	0.0300
07-Apr-88	System Blank	ND	0.0300
08-Apr-88	System Blank	ND	0.0300
11-Apr-88	System Blank	ND	0.0300
12-Apr-88	System Blank	ND	0.0300
13-Apr-88	System Blank	ND	0.0300
14-Apr-88	System Blank	ND	0.0300
15-Apr-88	System Blank	ND	0.0300
15-Apr-88	System Blank	ND	0.0300
18-Apr-88	System Blank	ND	0.0300
18-Apr-88	System Blank	ND	0.0300

Total Number of Blanks = 44 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.030

Method: EPA method 601
Analyte: Toluene

20-Apr-88	Reagent Blank	ND	0.2000
20-Apr-88	System Blank	ND	0.2000

Total Number of Blanks = 2 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

Method: EPA method 601
Analyte: Trichloroethene

07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank		0.5000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank		1.5000
14-Apr-88	Equipment Blank		0.9000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Trichloroethene continued			
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank		2.9000
15-Apr-88	Equipment Blank		2.6000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank		2.3000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank		1.1000
18-Apr-88	Equipment Blank		1.6000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
05-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
19-Apr-88	Field Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
03-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
15-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Trichloroethene continued			
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
03-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
05-Mar-88	System Blank	ND	0.2000
08-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
15-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Trichloroethene continued			
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
19-Apr-88	Trip Blank (Field Blank)	ND	0.2000

Total Number of Blanks = 91 Concentration Range 0.50 - 2.9
Total Number above Detection Limit = 8 Maximum Detection Limit = 0.20

Method: EPA method 601
Analyte: Trichlorofluoromethane

07-Apr-88	Equipment Blank	ND	0.1000
11-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
05-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
08-Mar-88	Field Blank	ND	0.1000
07-Apr-88	Field Blank	ND	0.1000
08-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Trichlorofluoromethane continued			
12-Apr-88	Field Blank	ND	0.1000
13-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
19-Apr-88	Field Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
01-Mar-88	Reagent Blank	ND	0.1000
02-Mar-88	Reagent Blank	ND	0.1000
03-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
05-Mar-88	Reagent Blank	ND	0.1000
08-Mar-88	Reagent Blank	ND	0.1000
10-Mar-88	Reagent Blank	ND	0.1000
12-Mar-88	Reagent Blank	ND	0.1000
15-Mar-88	Reagent Blank	ND	0.1000
06-Apr-88	Reagent Blank	ND	0.1000
07-Apr-88	Reagent Blank	ND	0.1000
08-Apr-88	Reagent Blank	ND	0.1000
11-Apr-88	Reagent Blank	ND	0.1000
12-Apr-88	Reagent Blank	ND	0.1000
13-Apr-88	Reagent Blank	ND	0.1000
14-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
01-Mar-88	System Blank	ND	0.1000
02-Mar-88	System Blank	ND	0.1000
03-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
05-Mar-88	System Blank	ND	0.1000
08-Mar-88	System Blank	ND	0.1000
10-Mar-88	System Blank	ND	0.1000
12-Mar-88	System Blank	ND	0.1000
15-Mar-88	System Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Trichlorofluoromethane continued			
06-Apr-88	System Blank	ND	0.1000
07-Apr-88	System Blank	ND	0.1000
08-Apr-88	System Blank	ND	0.1000
11-Apr-88	System Blank	ND	0.1000
12-Apr-88	System Blank	ND	0.1000
13-Apr-88	System Blank	ND	0.1000
14-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)		0.4000
04-Mar-88	Trip Blank (Field Blank)		0.5000
05-Mar-88	Trip Blank (Field Blank)		0.4000
08-Mar-88	Trip Blank (Field Blank)		0.2000
08-Mar-88	Trip Blank (Field Blank)		0.2000
07-Apr-88	Trip Blank (Field Blank)	ND	0.1000
08-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
13-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
19-Apr-88	Trip Blank (Field Blank)	ND	0.1000

Total Number of Blanks = 91 — Concentration Range 0.20 - 0.50

Total Number above Detection Limit = 5 — Maximum Detection Limit = 0.10

Method: EPA method 601

Analyte: Vinyl chloride

07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Vinyl chloride continued			
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
05-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
19-Apr-88	Field Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
03-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
15-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Vinyl chloride continued			
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
03-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
05-Mar-88	System Blank	ND	0.2000
08-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
15-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: Vinyl chloride continued			
19-Apr-88	Trip Blank (Field Blank)	ND	0.2000

Total Number of Blanks = 89 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

Method: EPA method 601

Analyte: cis-1,3-Dichloropropene

07-Apr-88	Equipment Blank	ND
11-Apr-88	Equipment Blank	ND
13-Apr-88	Equipment Blank	ND
13-Apr-88	Equipment Blank	ND
14-Apr-88	Equipment Blank	ND
14-Apr-88	Equipment Blank	ND
14-Apr-88	Equipment Blank	ND
14-Apr-88	Equipment Blank	ND
15-Apr-88	Equipment Blank	ND
15-Apr-88	Equipment Blank	ND
15-Apr-88	Equipment Blank	ND
15-Apr-88	Equipment Blank	ND
18-Apr-88	Equipment Blank	ND
18-Apr-88	Equipment Blank	ND
18-Apr-88	Equipment Blank	ND
18-Apr-88	Equipment Blank	ND
19-Apr-88	Equipment Blank	ND
19-Apr-88	Equipment Blank	ND
04-Mar-88	Field Blank	ND
04-Mar-88	Field Blank	ND
05-Mar-88	Field Blank	ND
08-Mar-88	Field Blank	ND
08-Mar-88	Field Blank	ND
08-Mar-88	Field Blank	ND
07-Apr-88	Field Blank	ND
08-Apr-88	Field Blank	ND
12-Apr-88	Field Blank	ND
12-Apr-88	Field Blank	ND
13-Apr-88	Field Blank	ND
14-Apr-88	Field Blank	ND
14-Apr-88	Field Blank	ND

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: cis-1,3-Dichloropropene continued			
19-Apr-88	Field Blank	ND	
29-Feb-88	Reagent Blank	ND	
29-Feb-88	Reagent Blank	ND	
01-Mar-88	Reagent Blank	ND	
02-Mar-88	Reagent Blank	ND	
03-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
04-Mar-88	Reagent Blank	ND	
05-Mar-88	Reagent Blank	ND	
08-Mar-88	Reagent Blank	ND	
10-Mar-88	Reagent Blank	ND	
12-Mar-88	Reagent Blank	ND	
15-Mar-88	Reagent Blank	ND	
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
29-Feb-88	System Blank	ND	
29-Feb-88	System Blank	ND	
01-Mar-88	System Blank	ND	
02-Mar-88	System Blank	ND	
03-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
04-Mar-88	System Blank	ND	
05-Mar-88	System Blank	ND	
08-Mar-88	System Blank	ND	
10-Mar-88	System Blank	ND	
12-Mar-88	System Blank	ND	
15-Mar-88	System Blank	ND	
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: cis-1,3-Dichloropropene continued			
12-Apr-88	System Blank	ND	0.2000
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	
04-Mar-88	Trip Blank (Field Blank)	ND	
05-Mar-88	Trip Blank (Field Blank)	ND	
08-Mar-88	Trip Blank (Field Blank)	ND	
08-Mar-88	Trip Blank (Field Blank)	ND	
07-Apr-88	Trip Blank (Field Blank)	ND	
08-Apr-88	Trip Blank (Field Blank)	ND	
12-Apr-88	Trip Blank (Field Blank)	ND	
12-Apr-88	Trip Blank (Field Blank)	ND	
13-Apr-88	Trip Blank (Field Blank)	ND	
14-Apr-88	Trip Blank (Field Blank)	ND	
14-Apr-88	Trip Blank (Field Blank)	ND	
19-Apr-88	Trip Blank (Field Blank)	ND	
Total Number of Blanks = 91			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: EPA method 601			
Analyte: m-Xylene			
20-Apr-88	Reagent Blank	ND	0.2000
20-Apr-88	System Blank	ND	0.2000
Total Number of Blanks = 2			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: EPA method 601			
Analyte: o-Xylene			
20-Apr-88	Reagent Blank	ND	0.1000
20-Apr-88	System Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: o-Xylene continued			
Total Number of Blanks = 2			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.10
Method: EPA method 601			
Analyte: p-Xylene			
20-Apr-88	Reagent Blank	ND	0.2000
20-Apr-88	System Blank	ND	0.2000
Total Number of Blanks = 2			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: EPA method 601			
Analyte: trans-1,2-Dichloroethene			
07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
05-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: trans-1,2-Dichloroethene continued			
08-Mar-88	Field Blank	ND	0.2000
08-Mar-88	Field Blank	ND	0.2000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
19-Apr-88	Field Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
03-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
08-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
15-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
13-Apr-88	Reagent Blank	ND	0.2000
14-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
03-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: trans-1,2-Dichloroethene continued			
05-Mar-88	System Blank	ND	0.2000
08-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
15-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
13-Apr-88	System Blank	ND	0.2000
14-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
08-Mar-88	Trip Blank (Field Blank)	ND	0.2000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
19-Apr-88	Trip Blank (Field Blank)	ND	0.2000

Total Number of Blanks = 91 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

Method: EPA method 601

Analyte: trans-1,3-Dichloropropene

07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: trans-1,3-Dichloropropene continued			
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
04-Mar-88	Field Blank	ND	0.3000
05-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
08-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
19-Apr-88	Field Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
03-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
08-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: trans-1,3-Dichloropropene continued			
15-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000
08-Apr-88	Reagent Blank	ND	0.3000
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
13-Apr-88	Reagent Blank	ND	0.3000
14-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
03-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000
08-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000
15-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000
11-Apr-88	System Blank	ND	0.3000
12-Apr-88	System Blank	ND	0.3000
13-Apr-88	System Blank	ND	0.3000
14-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000
08-Mar-88	Trip Blank (Field Blank)	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 601			
Analyte: trans-1,3-Dichloropropene continued			
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
19-Apr-88	Trip Blank (Field Blank)	ND	0.3000

Total Number of Blanks = 91 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.30

Method: EPA method 602			
Analyte: 1,1,1-Trichloroethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000

Total Number of Blanks = 2 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

Method: EPA method 602			
Analyte: 1,1,2,2-Tetrachloroethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000

Total Number of Blanks = 2 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

Method: EPA method 602			
Analyte: 1,1,2-Trichloroethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,1,2-Trichloroethane continued			
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: 1,1-Dichloroethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: 1,1-Dichloroethene			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: 1,2-Dichlorobenzene			
07-Apr-88	Equipment Blank	ND	0.4000
11-Apr-88	Equipment Blank	ND	0.4000
13-Apr-88	Equipment Blank	ND	0.4000
14-Apr-88	Equipment Blank	ND	0.4000
15-Apr-88	Equipment Blank	ND	0.4000
15-Apr-88	Equipment Blank	ND	0.4000
18-Apr-88	Equipment Blank	ND	0.4000
19-Apr-88	Equipment Blank	ND	0.4000
19-Apr-88	Equipment Blank	ND	0.4000
20-Apr-88	Equipment Blank	ND	0.4000
20-Apr-88	Equipment Blank	ND	0.4000
20-Apr-88	Equipment Blank	ND	0.4000
21-Apr-88	Equipment Blank	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,2-Dichlorobenzene continued			
25-Apr-88	Equipment Blank	ND	0.4000
25-Apr-88	Equipment Blank	ND	0.4000
25-Apr-88	Equipment Blank	ND	0.4000
25-Apr-88	Equipment Blank	ND	0.4000
26-Apr-88	Equipment Blank	ND	0.4000
27-Apr-88	Equipment Blank	ND	0.4000
27-Apr-88	Equipment Blank	ND	0.4000
04-Mar-88	Field Blank	ND	4.0000
04-Mar-88	Field Blank	ND	0.4000
09-Mar-88	Field Blank	ND	0.4000
10-Mar-88	Field Blank	ND	0.4000
14-Mar-88	Field Blank	ND	0.4000
07-Apr-88	Field Blank	ND	0.4000
08-Apr-88	Field Blank	ND	0.4000
12-Apr-88	Field Blank	ND	0.4000
12-Apr-88	Field Blank	ND	0.4000
13-Apr-88	Field Blank	ND	0.4000
14-Apr-88	Field Blank	ND	0.4000
14-Apr-88	Field Blank	ND	0.4000
15-Apr-88	Field Blank	ND	0.4000
18-Apr-88	Field Blank	ND	0.4000
18-Apr-88	Field Blank	ND	0.4000
21-Apr-88	Field Blank	ND	0.4000
25-Apr-88	Field Blank	ND	0.4000
26-Apr-88	Field Blank	ND	0.4000
26-Apr-88	Field Blank	ND	0.4000
25-Feb-88	Reagent Blank	ND	0.4000
26-Feb-88	Reagent Blank	ND	0.4000
29-Feb-88	Reagent Blank	ND	0.4000
01-Mar-88	Reagent Blank	ND	0.4000
02-Mar-88	Reagent Blank	ND	0.4000
02-Mar-88	Reagent Blank	ND	0.4000
04-Mar-88	Reagent Blank	ND	0.4000
04-Mar-88	Reagent Blank	ND	0.4000
05-Mar-88	Reagent Blank	ND	0.4000
09-Mar-88	Reagent Blank	ND	0.4000
10-Mar-88	Reagent Blank	ND	0.4000
11-Mar-88	Reagent Blank	ND	0.4000
12-Mar-88	Reagent Blank	ND	0.4000
06-Apr-88	Reagent Blank	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,2-Dichlorobenzene continued			
07-Apr-88	Reagent Blank	ND	0.4000
08-Apr-88	Reagent Blank	ND	0.4000
11-Apr-88	Reagent Blank	ND	0.4000
12-Apr-88	Reagent Blank	ND	0.4000
15-Apr-88	Reagent Blank	ND	0.4000
15-Apr-88	Reagent Blank	ND	0.4000
18-Apr-88	Reagent Blank	ND	0.4000
19-Apr-88	Reagent Blank	ND	0.4000
25-Feb-88	System Blank	ND	0.4000
26-Feb-88	System Blank	ND	0.4000
29-Feb-88	System Blank	ND	0.4000
01-Mar-88	System Blank	ND	0.4000
02-Mar-88	System Blank	ND	0.4000
02-Mar-88	System Blank	ND	0.4000
04-Mar-88	System Blank	ND	0.4000
04-Mar-88	System Blank	ND	0.4000
05-Mar-88	System Blank	ND	0.4000
09-Mar-88	System Blank	ND	0.4000
10-Mar-88	System Blank	ND	0.4000
11-Mar-88	System Blank	ND	0.4000
12-Mar-88	System Blank	ND	0.4000
06-Apr-88	System Blank	ND	0.4000
07-Apr-88	System Blank	ND	0.4000
08-Apr-88	System Blank	ND	0.4000
11-Apr-88	System Blank	ND	0.4000
12-Apr-88	System Blank	ND	0.4000
15-Apr-88	System Blank	ND	0.4000
15-Apr-88	System Blank	ND	0.4000
18-Apr-88	System Blank	ND	0.4000
18-Apr-88	System Blank	ND	0.4000
19-Apr-88	System Blank	ND	0.4000
04-Mar-88	Trip Blank (Field Blank)	ND	0.4000
04-Mar-88	Trip Blank (Field Blank)	ND	4.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.4000
09-Mar-88	Trip Blank (Field Blank)	ND	4.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.4000
08-Apr-88	Trip Blank (Field Blank)	ND	0.4000
12-Apr-88	Trip Blank (Field Blank)	ND	0.4000
12-Apr-88	Trip Blank (Field Blank)	ND	0.4000
13-Apr-88	Trip Blank (Field Blank)	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,2-Dichlorobenzene continued			
14-Apr-88	Trip Blank (Field Blank)	ND	0.4000
14-Apr-88	Trip Blank (Field Blank)	ND	0.4000
15-Apr-88	Trip Blank (Field Blank)	ND	0.4000
18-Apr-88	Trip Blank (Field Blank)	ND	0.4000
18-Apr-88	Trip Blank (Field Blank)	ND	0.4000
21-Apr-88	Trip Blank (Field Blank)	ND	0.4000
25-Apr-88	Trip Blank (Field Blank)	ND	0.4000
26-Apr-88	Trip Blank (Field Blank)	ND	0.4000
Total Number of Blanks = 101			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 4.0
Method: EPA method 602			
Analyte: 1,2-Dichloroethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: 1,2-Dichloropropane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: 1,3-Dichlorobenzene			
07-Apr-88	Equipment Blank	ND	0.4000
11-Apr-88	Equipment Blank	ND	0.4000
13-Apr-88	Equipment Blank	ND	0.4000
14-Apr-88	Equipment Blank	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,3-Dichlorobenzene continued			
15-Apr-88	Equipment Blank	ND	0.4000
15-Apr-88	Equipment Blank	ND	0.4000
18-Apr-88	Equipment Blank	ND	0.4000
19-Apr-88	Equipment Blank	ND	0.4000
19-Apr-88	Equipment Blank	ND	0.4000
20-Apr-88	Equipment Blank	ND	0.4000
20-Apr-88	Equipment Blank	ND	0.4000
20-Apr-88	Equipment Blank	ND	0.4000
21-Apr-88	Equipment Blank	ND	0.4000
25-Apr-88	Equipment Blank	ND	0.4000
25-Apr-88	Equipment Blank	ND	0.4000
25-Apr-88	Equipment Blank	ND	0.4000
25-Apr-88	Equipment Blank	ND	0.4000
26-Apr-88	Equipment Blank	ND	0.4000
27-Apr-88	Equipment Blank	ND	0.4000
27-Apr-88	Equipment Blank	ND	0.4000
04-Mar-88	Field Blank	ND	4.0000
04-Mar-88	Field Blank	ND	0.4000
09-Mar-88	Field Blank	ND	0.4000
10-Mar-88	Field Blank	ND	0.4000
14-Mar-88	Field Blank	ND	0.4000
07-Apr-88	Field Blank	ND	0.4000
08-Apr-88	Field Blank	ND	0.4000
12-Apr-88	Field Blank	ND	0.4000
12-Apr-88	Field Blank	ND	0.4000
13-Apr-88	Field Blank	ND	0.4000
14-Apr-88	Field Blank	ND	0.4000
14-Apr-88	Field Blank	ND	0.4000
15-Apr-88	Field Blank	ND	0.4000
18-Apr-88	Field Blank	ND	0.4000
18-Apr-88	Field Blank	ND	0.4000
21-Apr-88	Field Blank	ND	0.4000
25-Apr-88	Field Blank	ND	0.4000
26-Apr-88	Field Blank	ND	0.4000
26-Apr-88	Field Blank	ND	0.4000
25-Feb-88	Reagent Blank	ND	0.4000
26-Feb-88	Reagent Blank	ND	0.4000
29-Feb-88	Reagent Blank	ND	0.4000
01-Mar-88	Reagent Blank	ND	0.4000
02-Mar-88	Reagent Blank	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,3-Dichlorobenzene continued			
02-Mar-88	Reagent Blank	ND	0.4000
04-Mar-88	Reagent Blank	ND	0.4000
04-Mar-88	Reagent Blank	ND	0.4000
05-Mar-88	Reagent Blank	ND	0.4000
09-Mar-88	Reagent Blank	ND	0.4000
10-Mar-88	Reagent Blank	ND	0.4000
11-Mar-88	Reagent Blank	ND	0.4000
12-Mar-88	Reagent Blank	ND	0.4000
06-Apr-88	Reagent Blank	ND	0.4000
07-Apr-88	Reagent Blank	ND	0.4000
08-Apr-88	Reagent Blank	ND	0.4000
11-Apr-88	Reagent Blank	ND	0.4000
12-Apr-88	Reagent Blank	ND	0.4000
15-Apr-88	Reagent Blank	ND	0.4000
15-Apr-88	Reagent Blank	ND	0.4000
18-Apr-88	Reagent Blank	ND	0.4000
19-Apr-88	Reagent Blank	ND	0.4000
25-Feb-88	System Blank	ND	0.4000
26-Feb-88	System Blank	ND	0.4000
29-Feb-88	System Blank	ND	0.4000
01-Mar-88	System Blank	ND	0.4000
02-Mar-88	System Blank	ND	0.4000
02-Mar-88	System Blank	ND	0.4000
04-Mar-88	System Blank	ND	0.4000
04-Mar-88	System Blank	ND	0.4000
05-Mar-88	System Blank	ND	0.4000
09-Mar-88	System Blank	ND	0.4000
10-Mar-88	System Blank	ND	0.4000
11-Mar-88	System Blank	ND	0.4000
12-Mar-88	System Blank	ND	0.4000
06-Apr-88	System Blank	ND	0.4000
07-Apr-88	System Blank	ND	0.4000
08-Apr-88	System Blank	ND	0.4000
11-Apr-88	System Blank	ND	0.4000
12-Apr-88	System Blank	ND	0.4000
15-Apr-88	System Blank	ND	0.4000
15-Apr-88	System Blank	ND	0.4000
18-Apr-88	System Blank	ND	0.4000
18-Apr-88	System Blank	ND	0.4000
19-Apr-88	System Blank	ND	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,3-Dichlorobenzene continued			
04-Mar-88	Trip Blank (Field Blank)	ND	0.4000
04-Mar-88	Trip Blank (Field Blank)	ND	4.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.4000
09-Mar-88	Trip Blank (Field Blank)	ND	4.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.4000
08-Apr-88	Trip Blank (Field Blank)	ND	0.4000
12-Apr-88	Trip Blank (Field Blank)	ND	0.4000
12-Apr-88	Trip Blank (Field Blank)	ND	0.4000
13-Apr-88	Trip Blank (Field Blank)	ND	0.4000
14-Apr-88	Trip Blank (Field Blank)	ND	0.4000
14-Apr-88	Trip Blank (Field Blank)	ND	0.4000
15-Apr-88	Trip Blank (Field Blank)	ND	0.4000
18-Apr-88	Trip Blank (Field Blank)	ND	0.4000
18-Apr-88	Trip Blank (Field Blank)	ND	0.4000
21-Apr-88	Trip Blank (Field Blank)	ND	0.4000
25-Apr-88	Trip Blank (Field Blank)	ND	0.4000
26-Apr-88	Trip Blank (Field Blank)	ND	0.4000

Total Number of Blanks = 101 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 4.0

Method: EPA method 602
Analyte: 1,4-Dichlorobenzene

07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
21-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,4-Dichlorobenzene continued			
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
26-Apr-88	Equipment Blank	ND	0.3000
27-Apr-88	Equipment Blank	ND	0.3000
27-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank	ND	3.0000
04-Mar-88	Field Blank	ND	0.3000
09-Mar-88	Field Blank	ND	0.3000
10-Mar-88	Field Blank	ND	0.3000
14-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
15-Apr-88	Field Blank	ND	0.3000
18-Apr-88	Field Blank	ND	0.3000
18-Apr-88	Field Blank	ND	0.3000
21-Apr-88	Field Blank	ND	0.3000
25-Apr-88	Field Blank	ND	0.3000
26-Apr-88	Field Blank	ND	0.3000
26-Apr-88	Field Blank	ND	0.3000
25-Feb-88	Reagent Blank	ND	0.3000
26-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
09-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
11-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000
08-Apr-88	Reagent Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,4-Dichlorobenzene continued			
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
19-Apr-88	Reagent Blank	ND	0.3000
25-Feb-88	System Blank	ND	0.3000
26-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000
09-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
11-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000
11-Apr-88	System Blank	ND	0.3000
12-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
19-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	3.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
09-Mar-88	Trip Blank (Field Blank)	ND	3.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: 1,4-Dichlorobenzene continued			
15-Apr-88	Trip Blank (Field Blank)	ND	0.3000
18-Apr-88	Trip Blank (Field Blank)	ND	0.3000
18-Apr-88	Trip Blank (Field Blank)	ND	0.3000
21-Apr-88	Trip Blank (Field Blank)	ND	0.3000
25-Apr-88	Trip Blank (Field Blank)	ND	0.3000
26-Apr-88	Trip Blank (Field Blank)	ND	0.3000
Total Number of Blanks = 101			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 3.0
Method: EPA method 602			
Analyte: 2-Chloroethylvinyl ether			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: Benzene			
07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
21-Apr-88	Equipment Blank		0.3000
25-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Benzene continued			
25-Apr-88	Equipment Blank	ND	0.2000
26-Apr-88	Equipment Blank	ND	0.2000
27-Apr-88	Equipment Blank	ND	0.2000
27-Apr-88	Equipment Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
04-Mar-88	Field Blank	ND	2.0000
09-Mar-88	Field Blank	ND	0.2000
10-Mar-88	Field Blank	ND	0.2000
14-Mar-88	Field Blank	ND	0.2000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
15-Apr-88	Field Blank	ND	0.2000
18-Apr-88	Field Blank	ND	0.2000
18-Apr-88	Field Blank	ND	0.2000
21-Apr-88	Field Blank	ND	0.2000
25-Apr-88	Field Blank	ND	0.2000
26-Apr-88	Field Blank	ND	0.2000
26-Apr-88	Field Blank	ND	0.2000
25-Feb-88	Reagent Blank	ND	0.2000
26-Feb-88	Reagent Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000
11-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Benzene continued			
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
19-Apr-88	Reagent Blank	ND	0.2000
25-Feb-88	System Blank	ND	0.2000
26-Feb-88	System Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
05-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
11-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
19-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	2.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
09-Mar-88	Trip Blank (Field Blank)	ND	2.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
15-Apr-88	Trip Blank (Field Blank)	ND	0.2000
18-Apr-88	Trip Blank (Field Blank)	ND	0.2000
18-Apr-88	Trip Blank (Field Blank)	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Benzene continued			
21-Apr-88	Trip Blank (Field Blank)	ND	0.2000
25-Apr-88	Trip Blank (Field Blank)	ND	0.2000
26-Apr-88	Trip Blank (Field Blank)	ND	0.2000
Total Number of Blanks = 99		Concentration Range	0.30 - 0.30
Total Number above Detection Limit = 1		Maximum Detection Limit = 2.0	
Method: EPA method 602			
Analyte: Bromodichloromethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	
Method: EPA method 602			
Analyte: Bromoform			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	
Method: EPA method 602			
Analyte: Bromomethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 602			
Analyte: Carbon Tetrachloride			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000

Total Number of Blanks = 2 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

Date	Type of Blank	Detection Flag	Result
Method: EPA method 602			
Analyte: Chlorobenzene			
07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank		0.7000
21-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
26-Apr-88	Equipment Blank	ND	0.3000
27-Apr-88	Equipment Blank		0.8000
27-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank		3.7000
04-Mar-88	Field Blank		3.6000
09-Mar-88	Field Blank		2.8000
10-Mar-88	Field Blank		2.3000
14-Mar-88	Field Blank		1.6000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Chlorobenzene continued			
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
15-Apr-88	Field Blank	ND	0.3000
18-Apr-88	Field Blank	ND	0.3000
18-Apr-88	Field Blank	ND	0.3000
21-Apr-88	Field Blank	ND	0.3000
25-Apr-88	Field Blank	ND	0.3000
26-Apr-88	Field Blank	ND	0.3000
26-Apr-88	Field Blank	ND	0.3000
25-Feb-88	Reagent Blank	ND	0.3000
26-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
09-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
11-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000
08-Apr-88	Reagent Blank	ND	0.3000
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
19-Apr-88	Reagent Blank	ND	0.3000
25-Feb-88	System Blank	ND	0.3000
26-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Chlorobenzene continued			
09-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
11-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000
11-Apr-88	System Blank	ND	0.3000
12-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000
19-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	3.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
09-Mar-88	Trip Blank (Field Blank)	ND	3.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
15-Apr-88	Trip Blank (Field Blank)	ND	0.3000
18-Apr-88	Trip Blank (Field Blank)	ND	0.3000
18-Apr-88	Trip Blank (Field Blank)	ND	0.3000
21-Apr-88	Trip Blank (Field Blank)	ND	0.3000
25-Apr-88	Trip Blank (Field Blank)	ND	0.3000
26-Apr-88	Trip Blank (Field Blank)	ND	0.3000

Total Number of Blanks = 101 Concentration Range 0.70 - 3.7

Total Number above Detection Limit = 7 Maximum Detection Limit = 3.0

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 602			
Analyte: Chloroethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: Chloroform			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: Chloromethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: Dibromochloromethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 602			
Analyte: Ethylbenzene			
07-Apr-88	Equipment Blank	ND	0.3000
11-Apr-88	Equipment Blank	ND	0.3000
13-Apr-88	Equipment Blank	ND	0.3000
14-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
15-Apr-88	Equipment Blank	ND	0.3000
18-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
19-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
20-Apr-88	Equipment Blank	ND	0.3000
21-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
25-Apr-88	Equipment Blank	ND	0.3000
26-Apr-88	Equipment Blank	ND	0.3000
27-Apr-88	Equipment Blank	ND	0.3000
27-Apr-88	Equipment Blank	ND	0.3000
04-Mar-88	Field Blank	ND	3.0000
04-Mar-88	Field Blank	ND	0.3000
09-Mar-88	Field Blank	ND	0.3000
10-Mar-88	Field Blank	ND	0.3000
14-Mar-88	Field Blank	ND	0.3000
07-Apr-88	Field Blank	ND	0.3000
08-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
12-Apr-88	Field Blank	ND	0.3000
13-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
14-Apr-88	Field Blank	ND	0.3000
15-Apr-88	Field Blank	ND	0.3000
18-Apr-88	Field Blank	ND	0.3000
18-Apr-88	Field Blank	ND	0.3000
21-Apr-88	Field Blank	ND	0.3000
25-Apr-88	Field Blank	ND	0.3000
26-Apr-88	Field Blank	ND	0.3000
26-Apr-88	Field Blank	ND	0.3000
25-Feb-88	Reagent Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Ethylbenzene continued			
26-Feb-88	Reagent Blank	ND	0.3000
29-Feb-88	Reagent Blank	ND	0.3000
01-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
02-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
04-Mar-88	Reagent Blank	ND	0.3000
05-Mar-88	Reagent Blank	ND	0.3000
10-Mar-88	Reagent Blank	ND	0.3000
11-Mar-88	Reagent Blank	ND	0.3000
12-Mar-88	Reagent Blank	ND	0.3000
06-Apr-88	Reagent Blank	ND	0.3000
07-Apr-88	Reagent Blank	ND	0.3000
08-Apr-88	Reagent Blank	ND	0.3000
11-Apr-88	Reagent Blank	ND	0.3000
12-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
15-Apr-88	Reagent Blank	ND	0.3000
18-Apr-88	Reagent Blank	ND	0.3000
19-Apr-88	Reagent Blank	ND	0.3000
25-Feb-88	System Blank	ND	0.3000
26-Feb-88	System Blank	ND	0.3000
29-Feb-88	System Blank	ND	0.3000
01-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
02-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
04-Mar-88	System Blank	ND	0.3000
05-Mar-88	System Blank	ND	0.3000
10-Mar-88	System Blank	ND	0.3000
11-Mar-88	System Blank	ND	0.3000
12-Mar-88	System Blank	ND	0.3000
06-Apr-88	System Blank	ND	0.3000
07-Apr-88	System Blank	ND	0.3000
08-Apr-88	System Blank	ND	0.3000
11-Apr-88	System Blank	ND	0.3000
12-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
15-Apr-88	System Blank	ND	0.3000
18-Apr-88	System Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Ethylbenzene continued			
18-Apr-88	System Blank	ND	0.3000
19-Apr-88	System Blank	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	0.3000
04-Mar-88	Trip Blank (Field Blank)	ND	3.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.3000
09-Mar-88	Trip Blank (Field Blank)	ND	3.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.3000
08-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
12-Apr-88	Trip Blank (Field Blank)	ND	0.3000
13-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
14-Apr-88	Trip Blank (Field Blank)	ND	0.3000
15-Apr-88	Trip Blank (Field Blank)	ND	0.3000
18-Apr-88	Trip Blank (Field Blank)	ND	0.3000
18-Apr-88	Trip Blank (Field Blank)	ND	0.3000
21-Apr-88	Trip Blank (Field Blank)	ND	0.3000
25-Apr-88	Trip Blank (Field Blank)	ND	0.3000
26-Apr-88	Trip Blank (Field Blank)	ND	0.3000
	Total Number of Blanks = 99		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 3.0
Method: EPA method 602			
Analyte: Methylene Chloride			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: Tetrachloroethylene			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Analysis for EPA method 602
Analyte: Tetrachloroethylene continued

Total Number of Blanks = 2 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

Method: EPA method 602
Analyte: Toluene

Date	Type of Blank	Detection Flag	Result
07-Apr-88	Equipment Blank		15.0000
11-Apr-88	Equipment Blank		5.5000
13-Apr-88	Equipment Blank		6.3000
14-Apr-88	Equipment Blank		7.4000
15-Apr-88	Equipment Blank		6.0000
15-Apr-88	Equipment Blank		0.9000
18-Apr-88	Equipment Blank		7.3000
19-Apr-88	Equipment Blank		6.2000
19-Apr-88	Equipment Blank		22.0000
20-Apr-88	Equipment Blank		8.1000
20-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank		3.7000
21-Apr-88	Equipment Blank		1.4000
25-Apr-88	Equipment Blank		0.3000
25-Apr-88	Equipment Blank		0.5000
25-Apr-88	Equipment Blank		0.4000
25-Apr-88	Equipment Blank		7.5000
26-Apr-88	Equipment Blank		0.4000
27-Apr-88	Equipment Blank		1.9000
27-Apr-88	Equipment Blank		15.0000
04-Mar-88	Field Blank		4.6000
04-Mar-88	Field Blank		3.4000
09-Mar-88	Field Blank		2.9000
10-Mar-88	Field Blank		6.0000
14-Mar-88	Field Blank		39.0000
07-Apr-88	Field Blank		6.7000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank		41.0000
12-Apr-88	Field Blank		0.3000
13-Apr-88	Field Blank		6.2000
14-Apr-88	Field Blank		27.0000
14-Apr-88	Field Blank		0.3000
15-Apr-88	Field Blank		2.5000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Toluene continued			
18-Apr-88	Field Blank		25.0000
18-Apr-88	Field Blank		0.5000
21-Apr-88	Field Blank		1.9000
25-Apr-88	Field Blank		0.8000
26-Apr-88	Field Blank		0.3000
26-Apr-88	Field Blank		0.7000
25-Feb-88	Reagent Blank	ND	0.2000
26-Feb-88	Reagent Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000
11-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
19-Apr-88	Reagent Blank	ND	0.2000
25-Feb-88	System Blank	ND	0.2000
26-Feb-88	System Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
05-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
11-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: Toluene continued			
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
19-Apr-88	System Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)		11.0000
04-Mar-88	Trip Blank (Field Blank)		40.0000
05-Mar-88	Trip Blank (Field Blank)		1.1000
09-Mar-88	Trip Blank (Field Blank)		28.0000
07-Apr-88	Trip Blank (Field Blank)		3.6000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)		9.5000
12-Apr-88	Trip Blank (Field Blank)		49.0000
13-Apr-88	Trip Blank (Field Blank)		4.1000
14-Apr-88	Trip Blank (Field Blank)		5.7000
14-Apr-88	Trip Blank (Field Blank)		46.0000
15-Apr-88	Trip Blank (Field Blank)		16.0000
18-Apr-88	Trip Blank (Field Blank)		0.3000
18-Apr-88	Trip Blank (Field Blank)	ND	0.2000
21-Apr-88	Trip Blank (Field Blank)	ND	0.2000
25-Apr-88	Trip Blank (Field Blank)		8.3000
26-Apr-88	Trip Blank (Field Blank)		0.9000

Total Number of Blanks = 99 — Concentration Range 0.30 - 49.0
Total Number above Detection Limit = 51 — Maximum Detection Limit = 0.20

Method: EPA method 602			
Analyte: Trichloroethene			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000

Total Number of Blanks = 2 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.20

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 602			
Analyte: Trichlorofluoromethane			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: Vinyl chloride			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: cis-1,3-Dichloropropene			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
	Total Number of Blanks = 2		Concentration Range NC
	Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20
Method: EPA method 602			
Analyte: m-Xylene			
25-Feb-88	Reagent Blank	ND	0.2000
26-Feb-88	Reagent Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: m-Xylene continued			
11-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
19-Apr-88	Reagent Blank	ND	0.2000
25-Feb-88	System Blank	ND	0.2000
26-Feb-88	System Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
05-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
11-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
19-Apr-88	System Blank	ND	0.2000

Total Number of Blanks = 43 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: EPA method 602			
Analyte: o-Xylene			
25-Feb-88	Reagent Blank	ND	0.1000
26-Feb-88	Reagent Blank	ND	0.1000
29-Feb-88	Reagent Blank	ND	0.1000
01-Mar-88	Reagent Blank	ND	0.1000
02-Mar-88	Reagent Blank	ND	0.1000
02-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
04-Mar-88	Reagent Blank	ND	0.1000
05-Mar-88	Reagent Blank	ND	0.1000
10-Mar-88	Reagent Blank	ND	0.1000
11-Mar-88	Reagent Blank	ND	0.1000
12-Mar-88	Reagent Blank	ND	0.1000
06-Apr-88	Reagent Blank	ND	0.1000
07-Apr-88	Reagent Blank	ND	0.1000
08-Apr-88	Reagent Blank	ND	0.1000
11-Apr-88	Reagent Blank	ND	0.1000
12-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
15-Apr-88	Reagent Blank	ND	0.1000
18-Apr-88	Reagent Blank	ND	0.1000
19-Apr-88	Reagent Blank	ND	0.1000
25-Feb-88	System Blank	ND	0.1000
26-Feb-88	System Blank	ND	0.1000
29-Feb-88	System Blank	ND	0.1000
01-Mar-88	System Blank	ND	0.1000
02-Mar-88	System Blank	ND	0.1000
02-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
04-Mar-88	System Blank	ND	0.1000
05-Mar-88	System Blank	ND	0.1000
10-Mar-88	System Blank	ND	0.1000
11-Mar-88	System Blank	ND	0.1000
12-Mar-88	System Blank	ND	0.1000
06-Apr-88	System Blank	ND	0.1000
07-Apr-88	System Blank	ND	0.1000
08-Apr-88	System Blank	ND	0.1000
11-Apr-88	System Blank	ND	0.1000
12-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000
15-Apr-88	System Blank	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: o-Xylene continued			
18-Apr-88	System Blank	ND	0.1000
18-Apr-88	System Blank	ND	0.1000
19-Apr-88	System Blank	ND	0.1000

Total Number of Blanks = 43 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: EPA method 602
Analyte: p-Xylene

25-Feb-88	Reagent Blank	ND	0.2000
26-Feb-88	Reagent Blank	ND	0.2000
29-Feb-88	Reagent Blank	ND	0.2000
01-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
02-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
04-Mar-88	Reagent Blank	ND	0.2000
05-Mar-88	Reagent Blank	ND	0.2000
10-Mar-88	Reagent Blank	ND	0.2000
11-Mar-88	Reagent Blank	ND	0.2000
12-Mar-88	Reagent Blank	ND	0.2000
06-Apr-88	Reagent Blank	ND	0.2000
07-Apr-88	Reagent Blank	ND	0.2000
08-Apr-88	Reagent Blank	ND	0.2000
11-Apr-88	Reagent Blank	ND	0.2000
12-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
15-Apr-88	Reagent Blank	ND	0.2000
18-Apr-88	Reagent Blank	ND	0.2000
19-Apr-88	Reagent Blank	ND	0.2000
25-Feb-88	System Blank	ND	0.2000
26-Feb-88	System Blank	ND	0.2000
29-Feb-88	System Blank	ND	0.2000
01-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
02-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000
04-Mar-88	System Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for EPA method 602			
Analyte: p-Xylene continued			
05-Mar-88	System Blank	ND	0.2000
10-Mar-88	System Blank	ND	0.2000
11-Mar-88	System Blank	ND	0.2000
12-Mar-88	System Blank	ND	0.2000
06-Apr-88	System Blank	ND	0.2000
07-Apr-88	System Blank	ND	0.2000
08-Apr-88	System Blank	ND	0.2000
11-Apr-88	System Blank	ND	0.2000
12-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
15-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
18-Apr-88	System Blank	ND	0.2000
19-Apr-88	System Blank	ND	0.2000
Total Number of Blanks = 43		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	
Method: EPA method 602			
Analyte: trans-1,2-Dichloroethene			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	
Method: EPA method 602			
Analyte: trans-1,3-Dichloropropene			
09-Mar-88	Reagent Blank	ND	0.2000
09-Mar-88	System Blank	ND	0.2000
Total Number of Blanks = 2		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Fluoride, SIE			
Analyte: F_SIE			
03-Mar-88	Calibration	<5X	0.0260
03-Mar-88	Calibration	<5X	0.0260
03-Mar-88	Calibration	<5X	0.0240
03-Mar-88	Calibration		0.1800
03-Mar-88	Calibration		0.2400
03-Mar-88	Calibration	<5X	0.0180
03-Mar-88	Calibration	<5X	0.0270
03-Mar-88	Calibration	<5X	0.0270
03-Mar-88	Calibration	<5X	0.0240
03-Mar-88	Calibration		0.3000
04-Mar-88	Calibration	<5X	0.0230
04-Mar-88	Calibration	<5X	0.0230
09-Mar-88	Calibration	<5X	0.0200
09-Mar-88	Calibration	<5X	0.0200
15-Apr-88	Calibration	ND	0.0500
18-Apr-88	Calibration	ND	0.0060
18-Apr-88	Calibration	ND	0.0060
18-Apr-88	Calibration	ND	0.0050
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank		0.0100
18-Apr-88	Preparation	ND	0.0050
18-Apr-88	Preparation	NO	0.0050

Total Number of Blanks = 30 — Concentration Range 0.010 - 0.30

Total Number above Detection Limit = 24 — Maximum Detection Limit = 0.050

Method: Hydrocarbons, Total

Analyte: HC

01-Jan-88	Equipment Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Hydrocarbons, Total			
Analyte: HC continued			
Total Number of Blanks = 1			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: Hydrocarbons, Total			
Analyte: HC_IR			
06-Apr-88	Calibration	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
11-Mar-88	Preparation	ND	0.2000
Total Number of Blanks = 5			Concentration Range NC
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20
Method: Mercury, cold vapor			
Analyte: Hg			
17-Feb-88	Calibration	<5X	0.0002
17-Feb-88	Calibration	<5X	0.0002
29-Feb-88	Calibration	<5X	0.0002
21-Mar-88	Calibration	ND	0.0001
21-Mar-88	Calibration	ND	0.0001
21-Mar-88	Calibration	ND	0.0001
25-Apr-88	Calibration	ND	0.0001
25-Apr-88	Calibration	ND	0.0001
25-Apr-88	Calibration	ND	0.0001
28-Apr-88	Calibration	ND	0.0001
28-Apr-88	Calibration	ND	0.0001
28-Apr-88	Calibration	ND	0.0001
09-Apr-88	Equipment Blank	ND	0.0001
25-Apr-88	Equipment Blank	ND	0.0001
25-Apr-88	Equipment Blank		0.0002
25-Apr-88	Equipment Blank	ND	0.0001
25-Apr-88	Equipment Blank	ND	0.0001
25-Apr-88	Equipment Blank	ND	0.0001
28-Apr-88	Equipment Blank	ND	0.0001

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Mercury, cold vapor Analyte: Hg continued			
28-Apr-88	Equipment Blank	ND	0.0001
28-Apr-88	Equipment Blank	ND	0.0001
28-Apr-88	Equipment Blank	ND	0.0001
29-Apr-88	Equipment Blank	ND	0.0001
19-Feb-88	Preparation	ND	0.0050
07-Mar-88	Preparation	ND	0.0001
07-Mar-88	Preparation	ND	0.0001
16-Mar-88	Preparation	ND	0.0001
16-Mar-88	Preparation	ND	0.0001
16-Mar-88	Preparation	ND	0.0001
21-Mar-88	Preparation	ND	0.0001
21-Mar-88	Preparation	ND	0.0001
23-Mar-88	Preparation	ND	0.0010
23-Mar-88	Preparation	ND	0.0010
23-Mar-88	Preparation	ND	0.0010
09-Apr-88	Preparation	ND	0.0001
09-Apr-88	Preparation	ND	0.0001
09-Apr-88	Preparation	ND	0.0001
09-Apr-88	Preparation	ND	0.0001
09-Apr-88	Preparation	ND	0.0001
25-Apr-88	Preparation	ND	0.0001
25-Apr-88	Preparation	ND	0.0001
25-Apr-88	Preparation	ND	0.0001
25-Apr-88	Preparation	ND	0.0001
25-Apr-88	Preparation	ND	0.0001
25-Apr-88	Preparation	ND	0.0001
28-Apr-88	Preparation	ND	0.0001
28-Apr-88	Preparation	ND	0.0001
28-Apr-88	Preparation	ND	0.0001

Total Number of Blanks = 48 — Concentration Range 0.00020 - 0.00020

Total Number above Detection Limit = 4 — Maximum Detection Limit = 0.0050

Method: ICPES, EPA 200.7 elements Analyte: Aluminum			
11-Apr-88	Calibration	ND	0.2000
11-Apr-88	Calibration	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Aluminum continued			
15-Apr-88	Calibration	ND	0.2000
15-Apr-88	Calibration	ND	0.2000
15-Apr-88	Calibration	ND	0.2000
07-Jun-88	Calibration	ND	0.2000
07-Jun-88	Calibration	ND	0.2000
07-Jun-88	Calibration	ND	0.2000
07-Jun-88	Calibration	ND	0.2000
07-Jun-88	Calibration	ND	0.2000
16-Jun-88	Calibration	ND	0.2000
16-Jun-88	Calibration	ND	0.2000
16-Jun-88	Calibration	ND	0.2000
16-Jun-88	Calibration	ND	0.2000
17-Jun-88	Calibration	ND	0.2000
17-Jun-88	Calibration	ND	0.2000
17-Jun-88	Calibration	ND	0.2000
17-Jun-88	Calibration	ND	0.2000
17-Jun-88	Calibration	ND	0.2000
17-Jun-88	Calibration	ND	0.2000
17-Jun-88	Calibration	ND	0.2000
18-Jun-88	Calibration	ND	0.2000
20-Jun-88	Calibration	ND	0.2000
20-Jun-88	Calibration	ND	0.2000
20-Jun-88	Calibration	ND	0.2000
20-Jun-88	Calibration	ND	0.2000
22-Jun-88	Calibration	ND	0.2000
22-Jun-88	Calibration	ND	0.2000
23-Jun-88	Calibration	ND	0.2000
23-Jun-88	Calibration	ND	0.2000
23-Jun-88	Calibration	ND	0.2000
23-Jun-88	Calibration	ND	0.2000
23-Jun-88	Calibration	ND	0.2000
23-Jun-88	Calibration	ND	0.2000
30-Jun-88	Calibration	ND	0.2000
30-Jun-88	Calibration	ND	0.2000
30-Jun-88	Calibration		0.2600
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Aluminum continued			
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
07-Jun-88	Initial Calibration Blank	ND	0.2000
07-Jun-88	Initial Calibration Blank	ND	0.2000
16-Jun-88	Initial Calibration Blank	ND	0.2000
17-Jun-88	Initial Calibration Blank	ND	0.2000
18-Jun-88	Initial Calibration Blank	ND	0.2000
22-Jun-88	Initial Calibration Blank	ND	0.2000
23-Jun-88	Initial Calibration Blank	ND	0.2000
23-Jun-88	Initial Calibration Blank	ND	0.2000
23-Jun-88	Initial Calibration Blank	ND	0.2000
11-Apr-88	Preparation	ND	0.2000
12-Apr-88	Preparation	ND	0.2000
12-Apr-88	Preparation	ND	0.2000
12-Apr-88	Preparation	ND	0.2000
12-Apr-88	Preparation	ND	0.2000
15-Apr-88	Preparation	ND	0.2000
18-Apr-88	Preparation	ND	0.2000
18-Apr-88	Preparation	ND	0.2000
18-Apr-88	Preparation	ND	0.2000
18-Apr-88	Preparation	ND	0.2000
18-Apr-88	Preparation	ND	0.2000
28-Apr-88	Preparation	ND	0.2000
28-Apr-88	Preparation	ND	0.2000
28-Apr-88	Preparation	ND	0.2000
28-Apr-88	Preparation	ND	0.2000
28-Apr-88	Preparation	ND	0.2000
07-Jun-88	Preparation	ND	0.2000
07-Jun-88	Preparation	ND	0.2000
16-Jun-88	Preparation	ND	0.2000
16-Jun-88	Preparation	ND	0.2000
16-Jun-88	Preparation	ND	0.2000
17-Jun-88	Preparation	ND	0.2000
17-Jun-88	Preparation	ND	0.2000
17-Jun-88	Preparation	ND	0.2000
18-Jun-88	Preparation	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Aluminum continued			
18-Jun-88	Preparation	ND	0.2000
20-Jun-88	Preparation	ND	0.2000
22-Jun-88	Preparation	ND	0.2000
23-Jun-88	Preparation	ND	0.2000
23-Jun-88	Preparation	ND	0.2000
23-Jun-88	Preparation	ND	0.2000
30-Jun-88	Preparation	ND	0.2000

Total Number of Blanks = 89 — Concentration Range 0.26 - 0.26

Total Number above Detection Limit = 1 — Maximum Detection Limit = 0.20

Method: ICPES, EPA 200.7 elements			
Analyte: Antimony			
11-Apr-88	Calibration	<5X	0.1280
11-Apr-88	Calibration	<5X	0.0860
11-Apr-88	Calibration	ND	0.0600
15-Apr-88	Calibration	ND	0.0600
15-Apr-88	Calibration	ND	0.0600
15-Apr-88	Calibration	ND	0.0600
07-Jun-88	Calibration	<5X	0.0900
07-Jun-88	Calibration	<5X	0.0750
07-Jun-88	Calibration	ND	0.0600
07-Jun-88	Calibration	<5X	0.1300
07-Jun-88	Calibration	<5X	0.0750
16-Jun-88	Calibration	<5X	0.0720
16-Jun-88	Calibration	<5X	0.0720
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	<5X	0.0610
17-Jun-88	Calibration	<5X	0.1040
17-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	<5X	0.0840
17-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	<5X	0.0640
17-Jun-88	Calibration	ND	0.0600

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Antimony continued			
18-Jun-88	Calibration	<5X	0.1500
20-Jun-88	Calibration	<5X	0.1580
20-Jun-88	Calibration	<5X	0.2040
20-Jun-88	Calibration	ND	0.0600
20-Jun-88	Calibration	<5X	0.1610
22-Jun-88	Calibration	ND	0.0600
22-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	<5X	0.0950
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	<5X	0.0950
30-Jun-88	Calibration	<5X	0.0880
30-Jun-88	Calibration	<5X	0.1440
30-Jun-88	Calibration	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
07-Jun-88	Initial Calibration Blank	ND	0.0900
07-Jun-88	Initial Calibration Blank	<5X	0.0900
16-Jun-88	Initial Calibration Blank	ND	0.0600
16-Jun-88	Initial Calibration Blank	ND	0.0600
17-Jun-88	Initial Calibration Blank	ND	0.0600
18-Jun-88	Initial Calibration Blank	ND	0.0600
22-Jun-88	Initial Calibration Blank	ND	0.0600
23-Jun-88	Initial Calibration Blank	ND	0.0600
23-Jun-88	Initial Calibration Blank	ND	0.0600
23-Jun-88	Initial Calibration Blank	<5X	0.0860
11-Apr-88	Preparation	ND	0.0600
12-Apr-88	Preparation	ND	0.0600

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Antimony continued			
12-Apr-88	Preparation	ND	0.0600
12-Apr-88	Preparation	ND	0.0600
12-Apr-88	Preparation	ND	0.0600
15-Apr-88	Preparation	ND	0.0600
18-Apr-88	Preparation	ND	0.0600
18-Apr-88	Preparation	<5X	0.0800
18-Apr-88	Preparation	<5X	0.0700
18-Apr-88	Preparation	<5X	0.1100
18-Apr-88	Preparation	ND	0.0600
28-Apr-88	Preparation	ND	0.0600
28-Apr-88	Preparation	<5X	0.0800
28-Apr-88	Preparation	ND	0.0600
28-Apr-88	Preparation	ND	0.0600
28-Apr-88	Preparation	ND	0.0600
07-Jun-88	Preparation	<5X	0.0900
07-Jun-88	Preparation	<5X	0.1400
16-Jun-88	Preparation	<5X	0.1930
16-Jun-88	Preparation	ND	0.0600
16-Jun-88	Preparation	ND	0.0600
16-Jun-88	Preparation	ND	0.0600
17-Jun-88	Preparation	ND	0.0600
17-Jun-88	Preparation	ND	0.0600
17-Jun-88	Preparation	ND	0.0600
18-Jun-88	Preparation	<5X	0.0920
18-Jun-88	Preparation	ND	0.0600
20-Jun-88	Preparation	<5X	0.2380
22-Jun-88	Preparation		0.0600
23-Jun-88	Preparation	ND	0.0600
23-Jun-88	Preparation	ND	0.0600
30-Jun-88	Preparation	<5X	0.1270

Total Number of Blanks = 95 — Concentration Range 0.060 - 0.24

Total Number above Detection Limit = 33 — Maximum Detection Limit = 0.090

Method: ICPES, EPA 200.7 elements

Analyte: Arsenic

11-Apr-88	Calibration	ND	0.3000
11-Apr-88	Calibration	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Arsenic continued			
15-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	<5X	0.4350
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Arsenic continued			
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.0300
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.0150
07-Jun-88	Initial Calibration Blank	ND	0.3000
07-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
17-Jun-88	Initial Calibration Blank	ND	0.3000
18-Jun-88	Initial Calibration Blank	ND	0.3000
18-Jun-88	Initial Calibration Blank	ND	0.3000
18-Jun-88	Initial Calibration Blank	ND	0.3000
22-Jun-88	Initial Calibration Blank	ND	0.3000
22-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
11-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	<5X	0.4350
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
15-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Arsenic continued			
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
07-Jun-88	Preparation	ND	0.3000
07-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
20-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation	ND	0.3000
23-Jun-88	Preparation	ND	0.3000
23-Jun-88	Preparation	ND	0.3000
23-Jun-88	Preparation	ND	0.3000

Total Number of Blanks = 106 Concentration Range 0.44 - 0.44
Total Number above Detection Limit = 2 Maximum Detection Limit = 0.30

Method: ICPES, EPA 200.7 elements
Analyte: Barium

11-Apr-88	Calibration	ND	0.0090
11-Apr-88	Calibration	ND	0.0090
15-Apr-88	Calibration	ND	0.0090
15-Apr-88	Calibration	ND	0.0090
15-Apr-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Barium continued			
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
18-Jun-88	Calibration	ND	0.0090
18-Jun-88	Calibration	ND	0.0090
18-Jun-88	Calibration	ND	0.0090
18-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
22-Jun-88	Calibration	ND	0.0090
22-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
30-Jun-88	Calibration	ND	0.0090
30-Jun-88	Calibration	ND	0.0090
30-Jun-88	Calibration	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Barium continued			
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
07-Jun-88	Initial Calibration Blank	ND	0.0090
07-Jun-88	Initial Calibration Blank	ND	0.0090
16-Jun-88	Initial Calibration Blank	ND	0.0090
16-Jun-88	Initial Calibration Blank	ND	0.0090
17-Jun-88	Initial Calibration Blank	ND	0.0090
18-Jun-88	Initial Calibration Blank	ND	0.0090
22-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0090
11-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
15-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
07-Jun-88	Preparation	ND	0.0090
07-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
17-Jun-88	Preparation	ND	0.0090
17-Jun-88	Preparation	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Barium continued			
17-Jun-88	Preparation	ND	0.0090
18-Jun-88	Preparation	ND	0.0090
18-Jun-88	Preparation	ND	0.0090
20-Jun-88	Preparation	ND	0.0090
22-Jun-88	Preparation	ND	0.0090
23-Jun-88	Preparation	ND	0.0090
23-Jun-88	Preparation	ND	0.0090
23-Jun-88	Preparation	ND	0.0090
30-Jun-88	Preparation	ND	0.0090

Total Number of Blanks = 97 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0090

Method: ICPES, EPA 200.7 elements
Analyte: Beryllium

11-Apr-88	Calibration	ND	0.0010
11-Apr-88	Calibration	ND	0.0010
15-Apr-88	Calibration	ND	0.0010
15-Apr-88	Calibration	ND	0.0010
15-Apr-88	Calibration	ND	0.0010
07-Jun-88	Calibration	ND	0.0010
07-Jun-88	Calibration	ND	0.0010
07-Jun-88	Calibration	<5X	0.0030
07-Jun-88	Calibration	ND	0.0010
07-Jun-88	Calibration	ND	0.0010
16-Jun-88	Calibration	ND	0.0010
16-Jun-88	Calibration	ND	0.0010
16-Jun-88	Calibration	ND	0.0010
16-Jun-88	Calibration	ND	0.0010
16-Jun-88	Calibration	ND	0.0010
16-Jun-88	Calibration	ND	0.0010
16-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Beryllium continued			
17-Jun-88	Calibration	ND	0.0010
18-Jun-88	Calibration	<5X	0.0020
18-Jun-88	Calibration	ND	0.0010
18-Jun-88	Calibration	<5X	0.0040
18-Jun-88	Calibration	<5X	0.0040
20-Jun-88	Calibration	ND	0.0010
20-Jun-88	Calibration	ND	0.0010
20-Jun-88	Calibration	ND	0.0010
20-Jun-88	Calibration	ND	0.0010
22-Jun-88	Calibration		0.0030
22-Jun-88	Calibration	ND	0.0010
23-Jun-88	Calibration	ND	0.0010
23-Jun-88	Calibration	<5X	0.0030
23-Jun-88	Calibration	ND	0.0010
23-Jun-88	Calibration	ND	0.0010
23-Jun-88	Calibration	ND	0.0010
23-Jun-88	Calibration	ND	0.0010
30-Jun-88	Calibration	ND	0.0010
30-Jun-88	Calibration	ND	0.0010
30-Jun-88	Calibration	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
01-Jan-88	Equipment Blank	ND	0.0010
07-Jun-88	Initial Calibration Blank	ND	0.0010
07-Jun-88	Initial Calibration Blank	ND	0.0010
16-Jun-88	Initial Calibration Blank	ND	0.0010
16-Jun-88	Initial Calibration Blank	ND	0.0010
17-Jun-88	Initial Calibration Blank	ND	0.0010
18-Jun-88	Initial Calibration Blank	ND	0.0040
22-Jun-88	Initial Calibration Blank	ND	0.0010
23-Jun-88	Initial Calibration Blank	ND	0.0010
23-Jun-88	Initial Calibration Blank	ND	0.0010

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Beryllium continued			
23-Jun-88	Initial Calibration Blank	ND	0.0010
11-Apr-88	Preparation	ND	0.0010
12-Apr-88	Preparation	ND	0.0010
12-Apr-88	Preparation	ND	0.0010
12-Apr-88	Preparation	ND	0.0010
12-Apr-88	Preparation	ND	0.0010
15-Apr-88	Preparation	ND	0.0010
18-Apr-88	Preparation	ND	0.0010
18-Apr-88	Preparation	ND	0.0010
18-Apr-88	Preparation	ND	0.0010
18-Apr-88	Preparation	ND	0.0010
18-Apr-88	Preparation	ND	0.0010
28-Apr-88	Preparation	ND	0.0010
28-Apr-88	Preparation	ND	0.0010
28-Apr-88	Preparation	ND	0.0010
28-Apr-88	Preparation	ND	0.0010
28-Apr-88	Preparation	ND	0.0010
07-Jun-88	Preparation	ND	0.0010
07-Jun-88	Preparation	ND	0.0010
16-Jun-88	Preparation	ND	0.0010
16-Jun-88	Preparation	ND	0.0010
16-Jun-88	Preparation	ND	0.0010
16-Jun-88	Preparation	ND	0.0010
17-Jun-88	Preparation	ND	0.0010
17-Jun-88	Preparation	ND	0.0010
17-Jun-88	Preparation	ND	0.0010
18-Jun-88	Preparation	ND	0.0010
18-Jun-88	Preparation	ND	0.0010
20-Jun-88	Preparation	ND	0.0010
22-Jun-88	Preparation	ND	0.0010
23-Jun-88	Preparation	ND	0.0010
23-Jun-88	Preparation	ND	0.0010
23-Jun-88	Preparation	ND	0.0010
30-Jun-88	Preparation	ND	0.0010

Total Number of Blanks = 97 Concentration Range 0.0020 - 0.0040

Total Number above Detection Limit = 6 Maximum Detection Limit = 0.0040

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: ICPES, EPA 200.7 elements			
Analyte: Boron			
11-Apr-88	Calibration	ND	0.6000
11-Apr-88	Calibration	ND	0.6000
15-Apr-88	Calibration	ND	0.6000
15-Apr-88	Calibration	ND	0.6000
15-Apr-88	Calibration	ND	0.6000
07-Jun-88	Calibration	ND	0.6000
07-Jun-88	Calibration	ND	0.6000
07-Jun-88	Calibration	ND	0.6000
07-Jun-88	Calibration	ND	0.6000
16-Jun-88	Calibration	ND	0.6000
16-Jun-88	Calibration	ND	0.6000
16-Jun-88	Calibration	ND	0.6000
16-Jun-88	Calibration	ND	0.6060
16-Jun-88	Calibration	ND	0.6000
16-Jun-88	Calibration	ND	0.6000
16-Jun-88	Calibration	ND	0.6000
16-Jun-88	Calibration	ND	0.6000
17-Jun-88	Calibration	ND	0.6000
17-Jun-88	Calibration	ND	0.6000
17-Jun-88	Calibration	ND	0.6000
17-Jun-88	Calibration	ND	0.6000
17-Jun-88	Calibration	ND	0.6000
17-Jun-88	Calibration	ND	0.6000
17-Jun-88	Calibration	ND	0.6000
18-Jun-88	Calibration	ND	0.6000
20-Jun-88	Calibration	ND	0.6000
20-Jun-88	Calibration	ND	0.6000
20-Jun-88	Calibration	ND	0.6000
20-Jun-88	Calibration	ND	0.6000
22-Jun-88	Calibration	ND	0.6000
22-Jun-88	Calibration	ND	0.6000
23-Jun-88	Calibration	ND	0.6000
23-Jun-88	Calibration	ND	0.6000
23-Jun-88	Calibration	ND	0.6000
23-Jun-88	Calibration	ND	0.6000
23-Jun-88	Calibration	ND	0.6000
23-Jun-88	Calibration	ND	0.6000
23-Jun-88	Calibration	ND	0.6000
30-Jun-88	Calibration	ND	0.6000
30-Jun-88	Calibration	ND	0.6000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Boron continued			
30-Jun-88	Calibration	ND	0.6000
30-Jun-88	Calibration	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
01-Jan-88	Equipment Blank	ND	0.6000
07-Jun-88	Initial Calibration Blank	ND	0.6000
07-Jun-88	Initial Calibration Blank	ND	0.6000
16-Jun-88	Initial Calibration Blank	ND	0.6000
16-Jun-88	Initial Calibration Blank	ND	0.6000
16-Jun-88	Initial Calibration Blank	ND	0.6000
17-Jun-88	Initial Calibration Blank	ND	0.6000
18-Jun-88	Initial Calibration Blank	ND	0.6000
22-Jun-88	Initial Calibration Blank	ND	0.6000
23-Jun-88	Initial Calibration Blank	ND	0.6000
23-Jun-88	Initial Calibration Blank	ND	0.6000
23-Jun-88	Initial Calibration Blank	ND	0.6000
11-Apr-88	Preparation	ND	0.6000
12-Apr-88	Preparation	ND	0.6000
12-Apr-88	Preparation	ND	0.6000
12-Apr-88	Preparation	ND	0.6000
12-Apr-88	Preparation	ND	0.6000
15-Apr-88	Preparation	ND	0.6000
18-Apr-88	Preparation	ND	0.6000
18-Apr-88	Preparation	<5X	0.6000
18-Apr-88	Preparation	<5X	0.6000
18-Apr-88	Preparation	<5X	0.6000
18-Apr-88	Preparation	ND	0.6000
28-Apr-88	Preparation	ND	0.6000
28-Apr-88	Preparation	ND	0.6000
28-Apr-88	Preparation	ND	0.6000
28-Apr-88	Preparation	ND	0.6000
28-Apr-88	Preparation	ND	0.6000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Boron continued			
07-Jun-88	Preparation	ND	0.6000
07-Jun-88	Preparation	ND	0.6000
16-Jun-88	Preparation	ND	0.6000
16-Jun-88	Preparation	ND	0.6000
16-Jun-88	Preparation	ND	0.6000
16-Jun-88	Preparation	ND	0.6000
16-Jun-88	Preparation	ND	0.6000
17-Jun-88	Preparation	ND	0.6000
17-Jun-88	Preparation	ND	0.6000
17-Jun-88	Preparation	ND	0.6000
18-Jun-88	Preparation	ND	0.6000
18-Jun-88	Preparation	ND	0.6000
20-Jun-88	Preparation	ND	0.6000
22-Jun-88	Preparation	ND	0.6000
23-Jun-88	Preparation	ND	0.6000
23-Jun-88	Preparation	ND	0.6000
23-Jun-88	Preparation	ND	0.6000
30-Jun-88	Preparation	ND	0.6000
30-Jun-88	Preparation	ND	0.6000

Total Number of Blanks = 99 Concentration Range 0.60 - 0.60
Total Number above Detection Limit = 3 Maximum Detection Limit = 0.61

Method: ICPES, EPA 200.7 elements
Analyte: Cadmium

11-Apr-88	Calibration	ND	0.0030
11-Apr-88	Calibration	ND	0.0030
15-Apr-88	Calibration	ND	0.0030
15-Apr-88	Calibration	<5X	0.0050
15-Apr-88	Calibration	<5X	0.0090
07-Jun-88	Calibration	ND	0.0030
07-Jun-88	Calibration	<5X	0.0600
07-Jun-88	Calibration	<5X	0.0040
07-Jun-88	Calibration	<5X	0.0600
07-Jun-88	Calibration	<5X	0.0070
07-Jun-88	Calibration	ND	0.0030
07-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Cadmium continued			
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0050
16-Jun-88	Calibration	ND	0.0050
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	<5X	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
18-Jun-88	Calibration	ND	0.0030
18-Jun-88	Calibration	<5X	0.0030
18-Jun-88	Calibration	ND	0.0030
18-Jun-88	Calibration	ND	0.0030
20-Jun-88	Calibration	<5X	0.0050
20-Jun-88	Calibration	<5X	0.0050
20-Jun-88	Calibration	<5X	0.0050
20-Jun-88	Calibration	ND	0.0030
22-Jun-88	Calibration	ND	0.0030
22-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
30-Jun-88	Calibration	ND	0.0030
30-Jun-88	Calibration	ND	0.0030
30-Jun-88	Calibration	ND	0.0030
30-Jun-88	Calibration		0.0660
30-Jun-88	Calibration		0.0640
30-Jun-88	Calibration		0.3000
30-Jun-88	Calibration		0.0600
30-Jun-88	Calibration	<5X	0.0600
30-Jun-88	Calibration	<5X	0.0600

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Cadmium continued			
01-Jan-88	Equipment Blank		0.0060
01-Jan-88	Equipment Blank		0.0040
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank		0.0060
07-Jun-88	Initial Calibration Blank	ND	0.0040
07-Jun-88	Initial Calibration Blank	<5X	0.0040
16-Jun-88	Initial Calibration Blank	ND	0.0030
16-Jun-88	Initial Calibration Blank	ND	0.0030
16-Jun-88	Initial Calibration Blank	ND	0.0050
17-Jun-88	Initial Calibration Blank	ND	0.0030
18-Jun-88	Initial Calibration Blank	ND	0.0090
22-Jun-88	Initial Calibration Blank	ND	0.0050
23-Jun-88	Initial Calibration Blank	ND	0.0030
23-Jun-88	Initial Calibration Blank	ND	0.0030
23-Jun-88	Initial Calibration Blank	ND	0.0030
11-Apr-88	Preparation	ND	0.0030
12-Apr-88	Preparation	ND	0.0030
12-Apr-88	Preparation	ND	0.0030
12-Apr-88	Preparation	<5X	0.0600
12-Apr-88	Preparation	ND	0.0030
15-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	<5X	0.0040
18-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	<5X	0.0090
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
07-Jun-88	Preparation	<5X	0.9200
07-Jun-88	Preparation	ND	0.0030

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Cadmium continued			
07-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0050
17-Jun-88	Preparation	ND	0.0030
17-Jun-88	Preparation	ND	0.0030
17-Jun-88	Preparation	ND	0.0030
18-Jun-88	Preparation	ND	0.0030
18-Jun-88	Preparation	ND	0.0030
20-Jun-88	Preparation	ND	0.0030
22-Jun-88	Preparation	<5X	0.0030
23-Jun-88	Preparation	ND	0.0030
23-Jun-88	Preparation	ND	0.0030
23-Jun-88	Preparation	ND	0.0030
30-Jun-88	Preparation	ND	0.0030
30-Jun-88	Preparation		2.4000
30-Jun-88	Preparation		2.1000

Total Number of Blanks = 112 — Concentration Range 0.0030 - 2.4

Total Number above Detection Limit = 28 — Maximum Detection Limit = 0.0090

Method: ICPES, EPA 200.7 elements

Analyte: Calcium

11-Apr-88	Calibration	ND	0.0600
11-Apr-88	Calibration	ND	0.0600
15-Apr-88	Calibration		0.0630
15-Apr-88	Calibration	ND	0.0600
15-Apr-88	Calibration	ND	0.0600
07-Jun-88	Calibration	ND	0.0600
07-Jun-88	Calibration	<5X	0.0980
07-Jun-88	Calibration	ND	0.0600
07-Jun-88	Calibration	ND	0.0600
07-Jun-88	Calibration	ND	0.0600
10-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Calcium continued			
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
16-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	ND	0.0600
17-Jun-88	Calibration	ND	0.0060
17-Jun-88	Calibration	ND	0.0060
17-Jun-88	Calibration	ND	0.0060
18-Jun-88	Calibration	ND	0.0600
18-Jun-88	Calibration	ND	0.0600
18-Jun-88	Calibration	ND	0.0600
18-Jun-88	Calibration	ND	0.0600
18-Jun-88	Calibration	ND	0.0600
18-Jun-88	Calibration	ND	0.0600
18-Jun-88	Calibration	ND	0.0600
20-Jun-88	Calibration	ND	0.0600
20-Jun-88	Calibration	ND	0.0600
20-Jun-88	Calibration	ND	0.0600
20-Jun-88	Calibration	ND	0.0600
22-Jun-88	Calibration	ND	0.0600
22-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
23-Jun-88	Calibration	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank		1.2000
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Calcium continued			
01-Jan-88	Equipment Blank		0.3000
01-Jan-88	Equipment Blank	ND	0.0600
01-Jan-88	Equipment Blank	ND	0.0600
07-Jun-88	Initial Calibration Blank	ND	0.0980
07-Jun-88	Initial Calibration Blank	<5X	0.0980
10-Jun-88	Initial Calibration Blank	<5X	0.1500
16-Jun-88	Initial Calibration Blank	ND	0.0600
16-Jun-88	Initial Calibration Blank	<5X	0.1160
16-Jun-88	Initial Calibration Blank	<5X	0.0790
17-Jun-88	Initial Calibration Blank	ND	0.0060
18-Jun-88	Initial Calibration Blank	ND	0.0600
18-Jun-88	Initial Calibration Blank	<5X	0.0910
18-Jun-88	Initial Calibration Blank	ND	0.0600
22-Jun-88	Initial Calibration Blank	ND	0.0600
23-Jun-88	Initial Calibration Blank	ND	0.0600
23-Jun-88	Initial Calibration Blank	<5X	0.1140
23-Jun-88	Initial Calibration Blank	<5X	0.1000
11-Apr-88	Preparation		0.9250
12-Apr-88	Preparation		0.5790
12-Apr-88	Preparation	<5X	0.0630
12-Apr-88	Preparation	ND	0.0600
12-Apr-88	Preparation	<5X	0.0630
15-Apr-88	Preparation		0.9050
18-Apr-88	Preparation	<5X	0.1300
18-Apr-88	Preparation		1.2800
18-Apr-88	Preparation	ND	0.0600
18-Apr-88	Preparation	ND	0.0600
18-Apr-88	Preparation	ND	0.0600
28-Apr-88	Preparation		0.5840
28-Apr-88	Preparation	<5X	0.7800
28-Apr-88	Preparation	ND	0.0600
28-Apr-88	Preparation	ND	0.0600
28-Apr-88	Preparation	ND	0.0600
07-Jun-88	Preparation		0.9400
07-Jun-88	Preparation		2.0000
16-Jun-88	Preparation	ND	0.0600
16-Jun-88	Preparation		1.5300
16-Jun-88	Preparation		2.1000
16-Jun-88	Preparation		1.3700
16-Jun-88	Preparation		2.1400

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Calcium continued			
17-Jun-88	Preparation		1.6200
17-Jun-88	Preparation		0.7900
17-Jun-88	Preparation		0.7600
18-Jun-88	Preparation		0.7600
18-Jun-88	Preparation		0.8400
18-Jun-88	Preparation		0.9300
18-Jun-88	Preparation	ND	0.7600
18-Jun-88	Preparation	ND	0.8600
20-Jun-88	Preparation		1.7200
22-Jun-88	Preparation		0.0600
23-Jun-88	Preparation		1.1200
23-Jun-88	Preparation	ND	1.4000
23-Jun-88	Preparation	ND	1.4000

Total Number of Blanks = 106 Concentration Range 0.060 - 2.1
Total Number above Detection Limit = 35 Maximum Detection Limit = 1.4

Method: ICPES, EPA 200.7 elements
Analyte: Chromium

11-Apr-88	Calibration	<5X	0.0120
11-Apr-88	Calibration	<5X	0.0130
15-Apr-88	Calibration	ND	0.0090
15-Apr-88	Calibration	ND	0.0090
15-Apr-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Chromium continued			
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	<5X	0.0110
17-Jun-88	Calibration	<5X	0.0130
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0090
18-Jun-88	Calibration	<5X	0.0130
18-Jun-88	Calibration	<5X	0.0090
18-Jun-88	Calibration	ND	0.0090
18-Jun-88	Calibration	ND	0.0090
18-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
22-Jun-88	Calibration	ND	0.0100
22-Jun-88	Calibration	ND	0.0090
22-Jun-88	Calibration	ND	0.0090
22-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	<5X	0.0120
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
30-Jun-88	Calibration	ND	0.0090
30-Jun-88	Calibration	ND	0.0090
30-Jun-88	Calibration	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Chromium continued			
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
07-Jun-88	Initial Calibration Blank	ND	0.0090
16-Jun-88	Initial Calibration Blank	ND	0.0090
16-Jun-88	Initial Calibration Blank	ND	0.0090
17-Jun-88	Initial Calibration Blank	ND	0.0100
17-Jun-88	Initial Calibration Blank	ND	0.0090
18-Jun-88	Initial Calibration Blank	ND	0.0100
18-Jun-88	Initial Calibration Blank	ND	0.0110
22-Jun-88	Initial Calibration Blank	ND	0.0090
22-Jun-88	Initial Calibration Blank	ND	0.0100
23-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0100
23-Jun-88	Initial Calibration Blank	ND	0.0090
11-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
15-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	<5X	0.0130
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	<5X	0.0130
28-Apr-88	Preparation	<5X	0.0140
28-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
07-Jun-88	Preparation	ND	0.0090
07-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	<5X	0.0100
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
17-Jun-88	Preparation	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Chromium continued			
17-Jun-88	Preparation	ND	0.0090
17-Jun-88	Preparation	ND	0.0100
17-Jun-88	Preparation	ND	0.0090
17-Jun-88	Preparation	ND	0.0100
18-Jun-88	Preparation	ND	0.0100
18-Jun-88	Preparation	<5X	0.0180
18-Jun-88	Preparation	ND	0.0090
18-Jun-88	Preparation	ND	0.0090
20-Jun-88	Preparation	ND	0.0090
22-Jun-88	Preparation	ND	0.0100
22-Jun-88	Preparation	ND	0.0090
23-Jun-88	Preparation	ND	0.0090
23-Jun-88	Preparation	ND	0.0100
23-Jun-88	Preparation	ND	0.0100
23-Jun-88	Preparation	ND	0.0090
30-Jun-88	Preparation	ND	0.0090

Total Number of Blanks = 115 Concentration Range 0.0090 - 0.018

Total Number above Detection Limit = 12 Maximum Detection Limit = 0.011

Method: ICPES, EPA 200.7 elements

Analyte: Cobalt

11-Apr-88	Calibration	ND	0.0100
11-Apr-88	Calibration	ND	0.0100
15-Apr-88	Calibration	ND	0.0100
15-Apr-88	Calibration	ND	0.0100
15-Apr-88	Calibration	ND	0.0100
07-Jun-88	Calibration	<5X	0.0250
07-Jun-88	Calibration	<5X	0.0150
07-Jun-88	Calibration	<5X	0.0250
07-Jun-88	Calibration	ND	0.0100
07-Jun-88	Calibration	ND	0.0100
10-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	<5X	0.0210
16-Jun-88	Calibration	<5X	0.0210
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Cobalt continued			
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	<5X	0.0150
20-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0010
30-Jun-88	Calibration	ND	0.0100
30-Jun-88	Calibration	ND	0.0100
30-Jun-88	Calibration	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
07-Jun-88	Initial Calibration Blank	ND	0.0150
07-Jun-88	Initial Calibration Blank	<5X	0.0150
10-Jun-88	Initial Calibration Blank	ND	0.0100
16-Jun-88	Initial Calibration Blank	ND	0.0100
16-Jun-88	Initial Calibration Blank	<5X	0.0110
23-Jun-88	Initial Calibration Blank	ND	0.0100
23-Jun-88	Initial Calibration Blank	ND	0.0100
11-Apr-88	Preparation	ND	0.0100
12-Apr-88	Preparation	ND	0.0100
12-Apr-88	Preparation	ND	0.0100
12-Apr-88	Preparation	ND	0.0100
12-Apr-88	Preparation	ND	0.0100
15-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Cobalt continued			
18-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
28-Apr-88	Preparation	ND	0.0100
28-Apr-88	Preparation	NO	0.0100
28-Apr-88	Preparation	<5X	0.0170
28-Apr-88	Preparation	<5X	0.0180
28-Apr-88	Preparation	ND	0.0100
07-Jun-88	Preparation	<5X	0.0190
07-Jun-88	Preparation	<5X	0.0300
16-Jun-88	Preparation	<5X	0.0210
16-Jun-88	Preparation	ND	0.0100
16-Jun-88	Preparation	ND	0.0100
16-Jun-88	Preparation	ND	0.0100
17-Jun-88	Preparation	ND	0.0100
20-Jun-88	Preparation	<5X	0.0150
23-Jun-88	Preparation	ND	0.0100
30-Jun-88	Preparation	ND	0.0100

Total Number of Blanks = 75 — Concentration Range 0.010 - 0.030

Total Number above Detection Limit = 15 — Maximum Detection Limit = 0.015

Method: ICPES, EPA 200.7 elements

Analyte: Copper

11-Apr-88	Calibration	<5X	0.0400
11-Apr-88	Calibration	ND	0.0100
15-Apr-88	Calibration	ND	0.0100
15-Apr-88	Calibration	<5X	0.0110
15-Apr-88	Calibration	<5X	0.0130
07-Jun-88	Calibration	ND	0.0100
07-Jun-88	Calibration	ND	0.0100
07-Jun-88	Calibration	ND	0.0100
07-Jun-88	Calibration	ND	0.0100
07-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	NO	0.0100

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Copper continued			
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100
16-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0100
17-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010
17-Jun-88	Calibration	ND	0.0010
18-Jun-88	Calibration	ND	0.0100
18-Jun-88	Calibration	ND	0.0100
18-Jun-88	Calibration	<5X	0.0100
18-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	ND	0.0100
22-Jun-88	Calibration	ND	0.0100
22-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
23-Jun-88	Calibration	ND	0.0100
30-Jun-88	Calibration	ND	0.0100
30-Jun-88	Calibration	ND	0.0100
30-Jun-88	Calibration	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Copper continued			
01-Jan-88	Equipment Blank	ND	0.0100
01-Jan-88	Equipment Blank	ND	0.0100
07-Jun-88	Initial Calibration Blank	ND	0.0100
16-Jun-88	Initial Calibration Blank	ND	0.0100
16-Jun-88	Initial Calibration Blank	ND	0.0100
17-Jun-88	Initial Calibration Blank	ND	0.0010
18-Jun-88	Initial Calibration Blank	ND	0.0120
22-Jun-88	Initial Calibration Blank	ND	0.0100
23-Jun-88	Initial Calibration Blank	ND	0.0100
23-Jun-88	Initial Calibration Blank	ND	0.0100
23-Jun-88	Initial Calibration Blank	ND	0.0100
11-Apr-88	Preparation	ND	0.0100
12-Apr-88	Preparation	ND	0.0100
12-Apr-88	Preparation	<5X	0.0110
12-Apr-88	Preparation	ND	0.0100
12-Apr-88	Preparation	ND	0.0100
15-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
18-Apr-88	Preparation	ND	0.0100
28-Apr-88	Preparation	ND	0.0100
28-Apr-88	Preparation	ND	0.0100
28-Apr-88	Preparation	ND	0.0100
28-Apr-88	Preparation	ND	0.0100
28-Apr-88	Preparation	ND	0.0100
07-Jun-88	Preparation	<5X	0.0110
07-Jun-88	Preparation	ND	0.0100
16-Jun-88	Preparation	ND	0.0100
16-Jun-88	Preparation	ND	0.0100
16-Jun-88	Preparation	ND	0.0100
16-Jun-88	Preparation	ND	0.0100
17-Jun-88	Preparation	ND	0.0100
17-Jun-88	Preparation	ND	0.0010
17-Jun-88	Preparation	ND	0.0010
18-Jun-88	Preparation	ND	0.0100
18-Jun-88	Preparation	ND	0.0100
20-Jun-88	Preparation	<5X	0.0130
22-Jun-88	Preparation	<5X	0.0170

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Copper continued			
23-Jun-88	Preparation	ND	0.0100
23-Jun-88	Preparation	ND	0.0100
30-Jun-88	Preparation	ND	0.0100

Total Number of Blanks = 96 — Concentration Range 0.010 - 0.040
Total Number above Detection Limit = 8 — Maximum Detection Limit = 0.012

Method: ICPES, EPA 200.7 elements
Analyte: Iron

11-Apr-88	Calibration	ND	0.0300
11-Apr-88	Calibration	<5X	0.0340
15-Apr-88	Calibration	ND	0.0300
15-Apr-88	Calibration	ND	0.0300
15-Apr-88	Calibration	<5X	0.0870
07-Jun-88	Calibration	ND	0.0300
07-Jun-88	Calibration	ND	0.0300
07-Jun-88	Calibration	ND	0.0300
07-Jun-88	Calibration	ND	0.0300
07-Jun-88	Calibration	ND	0.0300
10-Jun-88	Calibration	ND	0.0300
16-Jun-88	Calibration	ND	0.0300
16-Jun-88	Calibration	ND	0.0300
16-Jun-88	Calibration	ND	0.0300
16-Jun-88	Calibration	<5X	0.0860
16-Jun-88	Calibration	ND	0.0300
17-Jun-88	Calibration	ND	0.0300
17-Jun-88	Calibration	ND	0.0300
17-Jun-88	Calibration	ND	0.0300
17-Jun-88	Calibration	<5X	0.0870
17-Jun-88	Calibration	ND	0.0300
17-Jun-88	Calibration	<5X	0.0530
17-Jun-88	Calibration	ND	0.0300
18-Jun-88	Calibration	ND	0.0300
20-Jun-88	Calibration	<5X	0.0870
20-Jun-88	Calibration	ND	0.0300
20-Jun-88	Calibration	ND	0.0300
20-Jun-88	Calibration	ND	0.0300
22-Jun-88	Calibration	ND	0.0300

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Iron continued			
22-Jun-88	Calibration	<5X	0.0410
22-Jun-88	Calibration	ND	0.0300
22-Jun-88	Calibration	ND	0.0300
23-Jun-88	Calibration	ND	0.0300
23-Jun-88	Calibration	ND	0.0300
23-Jun-88	Calibration	ND	0.0300
23-Jun-88	Calibration	ND	0.0300
23-Jun-88	Calibration	ND	0.0300
23-Jun-88	Calibration	ND	0.0300
23-Jun-88	Calibration	ND	0.0300
30-Jun-88	Calibration	ND	0.0300
30-Jun-88	Calibration	<5X	0.0970
30-Jun-88	Calibration		0.4820
01-Jan-88	Equipment Blank		0.0300
01-Jan-88	Equipment Blank		0.0800
01-Jan-88	Equipment Blank	ND	0.0300
01-Jan-88	Equipment Blank		0.0600
01-Jan-88	Equipment Blank		0.0700
01-Jan-88	Equipment Blank		0.1400
01-Jan-88	Equipment Blank	ND	0.0300
01-Jan-88	Equipment Blank		0.2500
01-Jan-88	Equipment Blank	ND	0.0300
01-Jan-88	Equipment Blank	ND	0.0300
01-Jan-88	Equipment Blank		0.0500
07-Jun-88	Initial Calibration Blank	ND	0.0300
10-Jun-88	Initial Calibration Blank		0.4200
16-Jun-88	Initial Calibration Blank	<5X	0.0480
17-Jun-88	Initial Calibration Blank	<5X	0.0400
18-Jun-88	Initial Calibration Blank	ND	0.0300
22-Jun-88	Initial Calibration Blank	<5X	0.0590
22-Jun-88	Initial Calibration Blank	ND	0.0100
23-Jun-88	Initial Calibration Blank	ND	0.0300
23-Jun-88	Initial Calibration Blank	<5X	0.0540
23-Jun-88	Initial Calibration Blank	ND	0.0300
11-Apr-88	Preparation	ND	0.0300
12-Apr-88	Preparation	<5X	0.0870
12-Apr-88	Preparation	<5X	0.1360
12-Apr-88	Preparation	<5X	0.0870
12-Apr-88	Preparation	ND	0.0300
15-Apr-88	Preparation	<5X	0.0520

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Iron continued			
18-Apr-88	Preparation	<5X	0.0600
18-Apr-88	Preparation	<5X	0.0400
18-Apr-88	Preparation	ND	0.0300
18-Apr-88	Preparation	ND	0.0300
18-Apr-88	Preparation	ND	0.0300
28-Apr-88	Preparation	<5X	0.0590
28-Apr-88	Preparation	ND	0.0300
28-Apr-88	Preparation	ND	0.0300
28-Apr-88	Preparation	ND	0.0300
28-Apr-88	Preparation	ND	0.0300
07-Jun-88	Preparation	<5X	0.3000
07-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	<5X	0.0410
16-Jun-88	Preparation	ND	0.0300
16-Jun-88	Preparation	ND	0.0300
17-Jun-88	Preparation	<5X	0.0330
17-Jun-88	Preparation	<5X	0.0600
17-Jun-88	Preparation	<5X	0.0760
18-Jun-88	Preparation	ND	0.0300
18-Jun-88	Preparation	ND	0.0300
20-Jun-88	Preparation	ND	0.0300
22-Jun-88	Preparation	<5X	0.0660
22-Jun-88	Preparation	<5X	0.0580
23-Jun-88	Preparation	ND	0.0300
23-Jun-88	Preparation	ND	0.0300
30-Jun-88	Preparation	<5X	0.0730

Total Number of Blanks = 95 — Concentration Range 0.030 - 0.48

Total Number above Detection Limit = 36 — Maximum Detection Limit = 0.30

Method: ICPES, EPA 200.7 elements

Analyte: Lead

11-Apr-88	Calibration	ND	0.0500
11-Apr-88	Calibration	ND	0.0500
11-Apr-88	Calibration	ND	0.0500
15-Apr-88	Calibration	ND	0.0500
15-Apr-88	Calibration	ND	0.0500
15-Apr-88	Calibration	ND	0.0500

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Lead continued			
07-Jun-88	Calibration	<5X	0.0600
07-Jun-88	Calibration	ND	0.0500
07-Jun-88	Calibration	ND	0.0500
07-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
18-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
22-Jun-88	Calibration	ND	0.0500
22-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
30-Jun-88	Calibration	ND	0.0500
30-Jun-88	Calibration	ND	0.0500
30-Jun-88	Calibration	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements Analyte: Lead continued			
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
07-Jun-88	Initial Calibration Blank	ND	0.0600
07-Jun-88	Initial Calibration Blank	<5X	0.0600
16-Jun-88	Initial Calibration Blank	ND	0.0500
16-Jun-88	Initial Calibration Blank	ND	0.0500
17-Jun-88	Initial Calibration Blank	ND	0.0500
18-Jun-88	Initial Calibration Blank	ND	0.0500
22-Jun-88	Initial Calibration Blank	ND	0.0500
23-Jun-88	Initial Calibration Blank	ND	0.0500
23-Jun-88	Initial Calibration Blank	ND	0.0500
23-Jun-88	Initial Calibration Blank	<5X	0.0550
11-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
15-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	<5X	0.0850
28-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	<5X	0.0870
28-Apr-88	Preparation	ND	0.0500
07-Jun-88	Preparation	ND	0.0500
07-Jun-88	Preparation	<5X	0.0800
16-Jun-88	Preparation	<5X	0.0640
16-Jun-88	Preparation	ND	0.0500
16-Jun-88	Preparation	ND	0.0270
16-Jun-88	Preparation	ND	0.0500
17-Jun-88	Preparation	<5X	0.0400
17-Jun-88	Preparation	ND	0.0500
17-Jun-88	Preparation	ND	0.0500

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Lead continued			
18-Jun-88	Preparation	ND	0.0500
18-Jun-88	Preparation	ND	0.0500
20-Jun-88	Preparation	ND	0.0500
22-Jun-88	Preparation		0.0500
23-Jun-88	Preparation	ND	0.0500
23-Jun-88	Preparation	ND	0.0500
30-Jun-88	Preparation	ND	0.0500

Total Number of Blanks = 93 Concentration Range 0.040 - 0.087
Total Number above Detection Limit = 9 Maximum Detection Limit = 0.060

Method: ICPES, EPA 200.7 elements
Analyte: Magnesium

11-Apr-88	Calibration	<5X	0.1500
11-Apr-88	Calibration		0.1240
11-Apr-88	Calibration	ND	0.1000
15-Apr-88	Calibration	<5X	0.1330
15-Apr-88	Calibration	<5X	0.1080
15-Apr-88	Calibration	<5X	0.1330
07-Jun-88	Calibration	ND	0.1000
07-Jun-88	Calibration	ND	0.1000
07-Jun-88	Calibration	ND	0.1000
07-Jun-88	Calibration	ND	0.1000
07-Jun-88	Calibration	ND	0.1000
16-Jun-88	Calibration	ND	0.1000
16-Jun-88	Calibration	ND	0.1000
16-Jun-88	Calibration	ND	0.1000
16-Jun-88	Calibration	ND	0.1000
16-Jun-88	Calibration	ND	0.1000
16-Jun-88	Calibration	ND	0.1000
16-Jun-88	Calibration	ND	0.1000
17-Jun-88	Calibration	ND	0.1000
17-Jun-88	Calibration	<5X	0.1080
17-Jun-88	Calibration		0.1080
17-Jun-88	Calibration	ND	0.1000
17-Jun-88	Calibration	ND	0.1000
17-Jun-88	Calibration	ND	0.1000
18-Jun-88	Calibration	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Magnesium continued			
20-Jun-88	Calibration	ND	0.1000
20-Jun-88	Calibration	ND	0.1000
20-Jun-88	Calibration	ND	0.1000
20-Jun-88	Calibration	ND	0.1000
22-Jun-88	Calibration	ND	0.1000
22-Jun-88	Calibration	ND	0.1000
23-Jun-88	Calibration	ND	0.1000
23-Jun-88	Calibration	ND	0.1000
23-Jun-88	Calibration	ND	0.1000
23-Jun-88	Calibration	ND	0.1000
23-Jun-88	Calibration	ND	0.1000
23-Jun-88	Calibration	ND	0.1000
23-Jun-88	Calibration	ND	0.1000
30-Jun-88	Calibration	ND	0.1000
30-Jun-88	Calibration	<5X	0.1980
30-Jun-88	Calibration	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank	ND	0.1000
07-Jun-88	Initial Calibration Blank	ND	0.1000
07-Jun-88	Initial Calibration Blank	<5X	0.1000
16-Jun-88	Initial Calibration Blank	ND	0.1000
16-Jun-88	Initial Calibration Blank	<5X	0.1310
17-Jun-88	Initial Calibration Blank	ND	0.1000
18-Jun-88	Initial Calibration Blank	ND	0.1000
22-Jun-88	Initial Calibration Blank	ND	0.1000
23-Jun-88	Initial Calibration Blank	ND	0.1000
23-Jun-88	Initial Calibration Blank	<5X	0.1370
23-Jun-88	Initial Calibration Blank	<5X	0.1300
11-Apr-88	Preparation	ND	0.1000
12-Apr-88	Preparation	<5X	0.1080
12-Apr-88	Preparation	<5X	0.1330

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Magnesium continued			
12-Apr-88	Preparation	ND	0.1000
12-Apr-88	Preparation	<5X	0.1080
15-Apr-88	Preparation	ND	0.1000
18-Apr-88	Preparation	ND	0.1000
18-Apr-88	Preparation	ND	0.1000
18-Apr-88	Preparation	ND	0.1000
18-Apr-88	Preparation	ND	0.1000
18-Apr-88	Preparation	ND	0.1000
28-Apr-88	Preparation	ND	0.1000
28-Apr-88	Preparation	<5X	0.1030
28-Apr-88	Preparation	ND	0.1000
28-Apr-88	Preparation	ND	0.1000
28-Apr-88	Preparation	ND	0.1000
07-Jun-88	Preparation	<5X	0.1100
07-Jun-88	Preparation	<5X	0.1600
16-Jun-88	Preparation	ND	0.1000
16-Jun-88	Preparation	<5X	0.1400
16-Jun-88	Preparation	<5X	0.1110
16-Jun-88	Preparation	<5X	0.1670
17-Jun-88	Preparation	<5X	0.1440
17-Jun-88	Preparation	ND	0.1000
17-Jun-88	Preparation	ND	0.1000
18-Jun-88	Preparation	ND	0.1000
18-Jun-88	Preparation	ND	0.1000
20-Jun-88	Preparation	ND	0.1000
22-Jun-88	Preparation	<5X	0.1650
23-Jun-88	Preparation	ND	0.1000
23-Jun-88	Preparation	ND	0.1000
30-Jun-88	Preparation	<5X	0.1730

Total Number of Blanks = 94 — Concentration Range 0.10 - 0.20

Total Number above Detection Limit = 24 — Maximum Detection Limit = 0.10

Method: ICPES, EPA 200.7 elements

Analyte: Manganese

11-Apr-88	Calibration	ND	0.0030
11-Apr-88	Calibration	ND	0.0030
11-Apr-88	Calibration	ND	0.0030

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Manganese continued			
15-Apr-88	Calibration	<5X	0.1330
15-Apr-88	Calibration	ND	0.0030
15-Apr-88	Calibration	ND	0.0030
07-Jun-88	Calibration	ND	0.0030
07-Jun-88	Calibration	ND	0.0030
07-Jun-88	Calibration	ND	0.0030
07-Jun-88	Calibration	ND	0.0030
07-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0030
16-Jun-88	Calibration	ND	0.0020
16-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
17-Jun-88	Calibration	ND	0.0030
18-Jun-88	Calibration	ND	0.0030
18-Jun-88	Calibration	ND	0.0030
18-Jun-88	Calibration	ND	0.0030
18-Jun-88	Calibration	ND	0.0030
20-Jun-88	Calibration	ND	0.0030
20-Jun-88	Calibration	ND	0.0030
20-Jun-88	Calibration	ND	0.0030
20-Jun-88	Calibration	ND	0.0030
22-Jun-88	Calibration	ND	0.0030
22-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
23-Jun-88	Calibration	ND	0.0030
30-Jun-88	Calibration	ND	0.0030

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Manganese continued			
30-Jun-88	Calibration	ND	0.0030
30-Jun-88	Calibration	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank		0.0060
01-Jan-88	Equipment Blank	ND	0.0030
07-Jun-88	Initial Calibration Blank	ND	0.0030
16-Jun-88	Initial Calibration Blank	ND	0.0030
16-Jun-88	Initial Calibration Blank	ND	0.0030
17-Jun-88	Initial Calibration Blank	ND	0.0030
18-Jun-88	Initial Calibration Blank	ND	0.0050
22-Jun-88	Initial Calibration Blank	ND	0.0030
23-Jun-88	Initial Calibration Blank	ND	0.0030
23-Jun-88	Initial Calibration Blank	ND	0.0030
23-Jun-88	Initial Calibration Blank	ND	0.0030
11-Apr-88	Preparation	ND	0.0030
12-Apr-88	Preparation	ND	0.0030
12-Apr-88	Preparation	ND	0.0030
12-Apr-88	Preparation	ND	0.0030
12-Apr-88	Preparation	ND	0.0030
15-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
18-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
07-Jun-88	Preparation	ND	0.0030
07-Jun-88	Preparation	ND	0.0030

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Manganese continued			
16-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0030
16-Jun-88	Preparation	ND	0.0030
17-Jun-88	Preparation	ND	0.0030
17-Jun-88	Preparation	ND	0.0030
17-Jun-88	Preparation	ND	0.0030
18-Jun-88	Preparation	ND	0.0030
18-Jun-88	Preparation	ND	0.0030
20-Jun-88	Preparation	ND	0.0030
22-Jun-88	Preparation		0.0030
23-Jun-88	Preparation	ND	0.0030
23-Jun-88	Preparation	ND	0.0030
30-Jun-88	Preparation	ND	0.0030

Total Number of Blanks = 97 — Concentration Range 0.0030 - 0.13

Total Number above Detection Limit = 3 — Maximum Detection Limit = 0.0050

Method: ICPES, EPA 200.7 elements

Analyte: Molybdenum

11-Apr-88	Calibration	ND	0.0500
11-Apr-88	Calibration	ND	0.0500
11-Apr-88	Calibration	ND	0.0500
15-Apr-88	Calibration	ND	0.0500
15-Apr-88	Calibration	ND	0.0500
15-Apr-88	Calibration	ND	0.0500
07-Jun-88	Calibration	ND	0.0500
07-Jun-88	Calibration	ND	0.0500
07-Jun-88	Calibration	ND	0.0500
07-Jun-88	Calibration	ND	0.0500
07-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500
16-Jun-88	Calibration	ND	0.0500

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Molybdenum continued			
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
17-Jun-88	Calibration	ND	0.0500
18-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
20-Jun-88	Calibration	ND	0.0500
22-Jun-88	Calibration	ND	0.0500
22-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
23-Jun-88	Calibration	ND	0.0500
30-Jun-88	Calibration	ND	0.0500
30-Jun-88	Calibration	ND	0.0500
30-Jun-88	Calibration	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
01-Jan-88	Equipment Blank	ND	0.0500
07-Jun-88	Initial Calibration Blank	ND	0.0500
16-Jun-88	Initial Calibration Blank	ND	0.0500
16-Jun-88	Initial Calibration Blank	ND	0.0500
17-Jun-88	Initial Calibration Blank	ND	0.0500
18-Jun-88	Initial Calibration Blank	ND	0.0500

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Molybdenum continued			
22-Jun-88	Initial Calibration Blank	ND	0.0500
23-Jun-88	Initial Calibration Blank	ND	0.0500
23-Jun-88	Initial Calibration Blank	ND	0.0500
23-Jun-88	Initial Calibration Blank	ND	0.0500
11-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
12-Apr-88	Preparation	ND	0.0500
15-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	ND	0.0500
18-Apr-88	Preparation	<5X	0.1000
18-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	ND	0.0500
28-Apr-88	Preparation	ND	0.0500
07-Jun-88	Preparation	ND	0.0500
07-Jun-88	Preparation	ND	0.0500
16-Jun-88	Preparation	ND	0.0500
16-Jun-88	Preparation	ND	0.0500
16-Jun-88	Preparation	ND	0.0500
16-Jun-88	Preparation	ND	0.0500
17-Jun-88	Preparation	<5X	0.0050
17-Jun-88	Preparation	ND	0.0500
17-Jun-88	Preparation	ND	0.0500
18-Jun-88	Preparation	ND	0.0500
18-Jun-88	Preparation	ND	0.0500
20-Jun-88	Preparation	ND	0.0500
22-Jun-88	Preparation		0.0500
23-Jun-88	Preparation	ND	0.0500
23-Jun-88	Preparation	ND	0.0500
30-Jun-88	Preparation	ND	0.0500

Total Number of Blanks = 94 Concentration Range 0.0050 - 0.10

Total Number above Detection Limit = 3 Maximum Detection Limit = 0.050

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: ICPES, EPA 200.7 elements			
Analyte: Nickel			
11-Apr-88	Calibration	ND	0.0200
11-Apr-88	Calibration	ND	0.0200
11-Apr-88	Calibration	ND	0.0200
15-Apr-88	Calibration	ND	0.0200
15-Apr-88	Calibration	ND	0.0200
15-Apr-88	Calibration	ND	0.0200
07-Jun-88	Calibration	ND	0.0200
07-Jun-88	Calibration	ND	0.0200
07-Jun-88	Calibration	ND	0.0200
07-Jun-88	Calibration	ND	0.0200
07-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	<5X	0.0320
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
18-Jun-88	Calibration	ND	0.0200
18-Jun-88	Calibration	ND	0.0200
18-Jun-88	Calibration	ND	0.0200
18-Jun-88	Calibration	ND	0.0200
20-Jun-88	Calibration	ND	0.0200
20-Jun-88	Calibration	ND	0.0200
20-Jun-88	Calibration	ND	0.0200
20-Jun-88	Calibration	ND	0.0200
22-Jun-88	Calibration	ND	0.0200
22-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Nickel continued			
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
30-Jun-88	Calibration	ND	0.0200
30-Jun-88	Calibration	ND	0.0200
30-Jun-88	Calibration	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
07-Jun-88	Initial Calibration Blank	ND	0.0200
16-Jun-88	Initial Calibration Blank	ND	0.0200
16-Jun-88	Initial Calibration Blank	ND	0.0200
17-Jun-88	Initial Calibration Blank	ND	0.0200
18-Jun-88	Initial Calibration Blank	ND	0.0200
22-Jun-88	Initial Calibration Blank	ND	0.0200
23-Jun-88	Initial Calibration Blank	ND	0.0200
23-Jun-88	Initial Calibration Blank	ND	0.0200
23-Jun-88	Initial Calibration Blank	<5X	0.0260
11-Apr-88	Preparation	ND	0.0200
12-Apr-88	Preparation	ND	0.0200
12-Apr-88	Preparation	ND	0.0200
12-Apr-88	Preparation	ND	0.0200
12-Apr-88	Preparation	<5X	0.2000
15-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
28-Apr-88	Preparation	ND	0.0200
28-Apr-88	Preparation	ND	0.0200
28-Apr-88	Preparation	ND	0.0200

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Nickel continued			
28-Apr-88	Preparation	ND	0.0200
07-Jun-88	Preparation	ND	0.0200
07-Jun-88	Preparation	ND	0.0200
16-Jun-88	Preparation	ND	0.0200
16-Jun-88	Preparation	ND	0.0200
16-Jun-88	Preparation	ND	0.0200
16-Jun-88	Preparation	ND	0.0200
17-Jun-88	Preparation	ND	0.0200
17-Jun-88	Preparation	ND	0.0200
17-Jun-88	Preparation	ND	0.0200
18-Jun-88	Preparation	ND	0.0200
18-Jun-88	Preparation	ND	0.0200
20-Jun-88	Preparation	ND	0.0200
22-Jun-88	Preparation		0.0200
23-Jun-88	Preparation	ND	0.0200
23-Jun-88	Preparation	ND	0.0200
30-Jun-88	Preparation	ND	0.0200

Total Number of Blanks = 97 — Concentration Range 0.020 - 0.20

Total Number above Detection Limit = 4 — Maximum Detection Limit = 0.020

Method: ICPES, EPA 200.7 elements			
Analyte: Potassium			
11-Apr-88	Calibration	ND	0.3000
11-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	<5X	0.0300
15-Apr-88	Calibration	<5X	0.6990
15-Apr-88	Calibration	<5X	0.6990
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Potassium continued			
16-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration		0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
30-Jun-88	Calibration	ND	0.3000
30-Jun-88	Calibration	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
07-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
17-Jun-88	Initial Calibration Blank	ND	0.3000
18-Jun-88	Initial Calibration Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Potassium continued			
22-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
11-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	<5X	0.6990
15-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	<5X	0.5700
18-Apr-88	Preparation	<5X	0.7700
18-Apr-88	Preparation	<5X	0.7100
18-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	<5X	0.0300
28-Apr-88	Preparation	<5X	0.5350
28-Apr-88	Preparation	<5X	0.0300
28-Apr-88	Preparation	ND	0.3000
07-Jun-88	Preparation	ND	0.3000
07-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
20-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation		0.3000
23-Jun-88	Preparation	ND	0.3000
23-Jun-88	Preparation	ND	0.3000
30-Jun-88	Preparation	ND	0.3000

Total Number of Blanks = 90 Concentration Range 0.030 - 0.77

Total Number above Detection Limit = 12 Maximum Detection Limit = 0.30

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: ICPES, EPA 200.7 elements			
Analyte: Sb			
10-Mar-88	Calibration	<5X	0.0780
10-Mar-88	Calibration	ND	0.0600
10-Mar-88	Preparation	<5X	0.0600

Total Number of Blanks = 3 — Concentration Range 0.060 - 0.078

Total Number above Detection Limit = 2 — Maximum Detection Limit = 0.060

Method: ICPES, EPA 200.7 elements			
Analyte: Selenium			
11-Apr-88	Calibration	ND	0.3000
11-Apr-88	Calibration	ND	0.3000
11-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
10-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Selenium continued			
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
30-Jun-88	Calibration	ND	0.3000
30-Jun-88	Calibration	ND	0.3000
30-Jun-88	Calibration	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
07-Jun-88	Initial Calibration Blank	ND	0.3000
10-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
17-Jun-88	Initial Calibration Blank	ND	0.3000
18-Jun-88	Initial Calibration Blank	ND	0.3000
22-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
11-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
15-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Selenium continued			
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
07-Jun-88	Preparation	ND	0.3000
07-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
20-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation		0.3000
23-Jun-88	Preparation	ND	0.3000
23-Jun-88	Preparation	ND	0.3000
30-Jun-88	Preparation	ND	0.3000

Total Number of Blanks = 95 — Concentration Range 0.30 - 0.30

Total Number above Detection Limit = 1 — Maximum Detection Limit = 0.30

Method: ICPES, EPA 200.7 elements

Analyte: Silicon

11-Apr-88	Calibration	ND	0.3000
11-Apr-88	Calibration	ND	0.3000
11-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	ND	0.3000
15-Apr-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Silicon continued			
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
07-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
16-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
17-Jun-88	Calibration	ND	0.3000
18-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
20-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
22-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	ND	0.3000
23-Jun-88	Calibration	<5X	0.4530
30-Jun-88	Calibration	ND	0.3000
30-Jun-88	Calibration	ND	0.3000
30-Jun-88	Calibration	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Silicon continued			
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank		1.3000
01-Jan-88	Equipment Blank		0.9000
01-Jan-88	Equipment Blank	ND	0.3000
01-Jan-88	Equipment Blank	ND	0.3000
07-Jun-88	Initial Calibration Blank	ND	0.3000
16-Jun-88	Initial Calibration Blank	ND	0.3000
17-Jun-88	Initial Calibration Blank	ND	0.3000
18-Jun-88	Initial Calibration Blank	ND	0.3000
22-Jun-88	Initial Calibration Blank	ND	0.3000
22-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
23-Jun-88	Initial Calibration Blank	ND	0.3000
11-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
12-Apr-88	Preparation	ND	0.3000
15-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
18-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
28-Apr-88	Preparation	ND	0.3000
07-Jun-88	Preparation	<5X	0.3300
07-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
16-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	ND	0.3000
17-Jun-88	Preparation	<5X	0.4000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Silicon continued			
17-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	ND	0.3000
18-Jun-88	Preparation	<5X	0.3000
20-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation	ND	0.3000
22-Jun-88	Preparation		0.3000
23-Jun-88	Preparation	ND	0.3000
23-Jun-88	Preparation	<5X	0.3770
30-Jun-88	Preparation	ND	0.3000

Total Number of Blanks = 97 — Concentration Range 0.30 - 1.3

Total Number above Detection Limit = 8 — Maximum Detection Limit = 0.30

Method: ICPES, EPA 200.7 elements			
Analyte: Silver			
11-Apr-88	Calibration		0.0440
11-Apr-88	Calibration	<5X	0.0210
15-Apr-88	Calibration	ND	0.0090
15-Apr-88	Calibration	<5X	0.0310
15-Apr-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	<5X	0.0140
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
07-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration		0.2000
16-Jun-88	Calibration		0.2000
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	<5X	0.0180
16-Jun-88	Calibration	ND	0.0090
16-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Silver continued			
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	ND	0.0090
17-Jun-88	Calibration	<5X	0.0110
18-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
20-Jun-88	Calibration	ND	0.0090
22-Jun-88	Calibration		0.0110
22-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	ND	0.0090
23-Jun-88	Calibration	<5X	0.0120
23-Jun-88	Calibration	ND	0.0090
24-Jun-88	Calibration	<5X	0.0150
30-Jun-88	Calibration	<5X	0.0230
30-Jun-88	Calibration	ND	0.0090
30-Jun-88	Calibration	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
01-Jan-88	Equipment Blank	ND	0.0090
07-Jun-88	Initial Calibration Blank	<5X	0.0140
07-Jun-88	Initial Calibration Blank		0.0140
16-Jun-88	Initial Calibration Blank		0.2000
16-Jun-88	Initial Calibration Blank	<5X	0.0240
16-Jun-88	Initial Calibration Blank	ND	0.0090
17-Jun-88	Initial Calibration Blank	ND	0.0090

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Silver continued			
18-Jun-88	Initial Calibration Blank	ND	0.0090
22-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	ND	0.0090
23-Jun-88	Initial Calibration Blank	<5X	0.0130
24-Jun-88	Initial Calibration Blank	<5X	0.0050
11-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
12-Apr-88	Preparation	ND	0.0090
15-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	<5X	0.0140
18-Apr-88	Preparation	ND	0.0090
18-Apr-88	Preparation	<5X	0.0190
18-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	ND	0.0090
28-Apr-88	Preparation	<5X	0.0340
28-Apr-88	Preparation	<5X	0.0340
28-Apr-88	Preparation	<5X	0.0340
28-Apr-88	Preparation	ND	0.0090
07-Jun-88	Preparation	ND	0.0090
07-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation		0.2000
16-Jun-88	Preparation	ND	0.0090
16-Jun-88	Preparation	<5X	0.0300
17-Jun-88	Preparation	ND	0.0090
17-Jun-88	Preparation	ND	0.0090
17-Jun-88	Preparation	ND	0.0090
18-Jun-88	Preparation	ND	0.0090
18-Jun-88	Preparation	ND	0.0090
20-Jun-88	Preparation	ND	0.0090
22-Jun-88	Preparation	<5X	0.0370
22-Jun-88	Preparation	<5X	0.0660
22-Jun-88	Preparation	<5X	0.0090
23-Jun-88	Preparation	ND	0.0300

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Silver continued			
23-Jun-88	Preparation	ND	0.0300
23-Jun-88	Preparation	ND	0.0090
23-Jun-88	Preparation	ND	0.0090
23-Jun-88	Preparation	ND	0.0090
24-Jun-88	Preparation	<5X	0.0040
30-Jun-88	Preparation	ND	0.0090

Total Number of Blanks = 108 — Concentration Range 0.0040 - 0.20

Total Number above Detection Limit = 29 — Maximum Detection Limit = 0.030

Method: ICPES, EPA 200.7 elements

Analyte: Sodium

11-Apr-88	Calibration	ND	0.0800
11-Apr-88	Calibration	ND	0.0800
11-Apr-88	Calibration	ND	0.0800
15-Apr-88	Calibration	ND	0.0800
15-Apr-88	Calibration	ND	0.0800
15-Apr-88	Calibration	ND	0.0800
07-Jun-88	Calibration	ND	0.0800
07-Jun-88	Calibration	ND	0.0800
07-Jun-88	Calibration	ND	0.0800
07-Jun-88	Calibration	ND	0.0800
07-Jun-88	Calibration	ND	0.0800
16-Jun-88	Calibration	ND	0.0800
16-Jun-88	Calibration	ND	0.0800
16-Jun-88	Calibration	ND	0.0800
16-Jun-88	Calibration	ND	0.0800
16-Jun-88	Calibration	ND	0.0800
16-Jun-88	Calibration	ND	0.0800
16-Jun-88	Calibration	ND	0.0800
17-Jun-88	Calibration	ND	0.0800
17-Jun-88	Calibration	ND	0.0800
17-Jun-88	Calibration	ND	0.0800
17-Jun-88	Calibration	ND	0.0800
17-Jun-88	Calibration	ND	0.0800
17-Jun-88	Calibration	ND	0.0800
17-Jun-88	Calibration	ND	0.0800
18-Jun-88	Calibration	ND	0.0800

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Sodium continued			
20-Jun-88	Calibration	ND	0.0800
20-Jun-88	Calibration	ND	0.0800
20-Jun-88	Calibration	ND	0.0800
20-Jun-88	Calibration	ND	0.0800
22-Jun-88	Calibration	ND	0.0800
22-Jun-88	Calibration	ND	0.0800
23-Jun-88	Calibration	ND	0.0800
23-Jun-88	Calibration	ND	0.0800
23-Jun-88	Calibration	ND	0.0800
23-Jun-88	Calibration	ND	0.0800
23-Jun-88	Calibration	ND	0.0800
23-Jun-88	Calibration	ND	0.0800
23-Jun-88	Calibration	ND	0.0800
30-Jun-88	Calibration		0.0800
30-Jun-88	Calibration		0.0800
30-Jun-88	Calibration		0.8000
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
01-Jan-88	Equipment Blank	ND	0.0800
07-Jun-88	Initial Calibration Blank	ND	0.0800
16-Jun-88	Initial Calibration Blank	ND	0.0800
16-Jun-88	Initial Calibration Blank	ND	0.0800
17-Jun-88	Initial Calibration Blank	ND	0.0800
18-Jun-88	Initial Calibration Blank	ND	0.0800
22-Jun-88	Initial Calibration Blank	ND	0.0800
23-Jun-88	Initial Calibration Blank	ND	0.0800
23-Jun-88	Initial Calibration Blank	ND	0.0800
23-Jun-88	Initial Calibration Blank	<5X	0.1110
11-Apr-88	Preparation		0.5200
12-Apr-88	Preparation	ND	0.0800
12-Apr-88	Preparation	ND	0.0800
12-Apr-88	Preparation	ND	0.0800

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Sodium continued			
12-Apr-88	Preparation	<5X	0.2410
15-Apr-88	Preparation		0.5210
18-Apr-88	Preparation	ND	0.0800
18-Apr-88	Preparation	ND	0.0800
18-Apr-88	Preparation	ND	0.0800
18-Apr-88	Preparation	ND	0.0800
18-Apr-88	Preparation	ND	0.0800
28-Apr-88	Preparation	ND	0.0800
28-Apr-88	Preparation	<5X	1.2100
28-Apr-88	Preparation	ND	0.0800
28-Apr-88	Preparation	ND	0.0800
28-Apr-88	Preparation	ND	0.0800
07-Jun-88	Preparation	<5X	1.3000
07-Jun-88	Preparation		2.7000
16-Jun-88	Preparation		1.3300
16-Jun-88	Preparation		2.6200
16-Jun-88	Preparation		1.9900
16-Jun-88	Preparation		2.9500
17-Jun-88	Preparation	<5X	2.0800
17-Jun-88	Preparation	<5X	0.2600
17-Jun-88	Preparation		0.9200
18-Jun-88	Preparation		0.9600
18-Jun-88	Preparation		1.2000
20-Jun-88	Preparation	<5X	1.0900
22-Jun-88	Preparation		0.0800
23-Jun-88	Preparation		2.6200
23-Jun-88	Preparation	<5X	1.7400
30-Jun-88	Preparation		0.0800

Total Number of Blanks = 94 — Concentration Range 0.080 - 3.0

Total Number above Detection Limit = 24 — Maximum Detection Limit = 0.080

Method: ICPES, EPA 200.7 elements			
Analyte: Thallium			
11-Apr-88	Calibration	ND	0.0900
11-Apr-88	Calibration	ND	0.0900
15-Apr-88	Calibration	ND	0.0900
15-Apr-88	Calibration	ND	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Thallium continued			
15-Apr-88	Calibration	ND	0.0900
07-Jun-88	Calibration	ND	0.0900
07-Jun-88	Calibration	<5X	0.1200
07-Jun-88	Calibration	<5X	0.1200
07-Jun-88	Calibration	ND	0.0900
07-Jun-88	Calibration	<5X	0.2200
07-Jun-88	Calibration	ND	0.0900
16-Jun-88	Calibration	ND	0.0900
16-Jun-88	Calibration	ND	0.0900
16-Jun-88	Calibration	ND	0.0900
16-Jun-88	Calibration	ND	0.0900
16-Jun-88	Calibration	<5X	0.1250
17-Jun-88	Calibration	<5X	0.1250
17-Jun-88	Calibration	<5X	0.1080
17-Jun-88	Calibration	ND	0.0900
17-Jun-88	Calibration	ND	0.0900
17-Jun-88	Calibration	ND	0.0900
17-Jun-88	Calibration	ND	0.0900
17-Jun-88	Calibration	ND	0.0900
18-Jun-88	Calibration	<5X	0.2100
18-Jun-88	Calibration	ND	0.0900
18-Jun-88	Calibration	ND	0.0900
18-Jun-88	Calibration	ND	0.0900
20-Jun-88	Calibration	ND	0.0900
20-Jun-88	Calibration	ND	0.0900
20-Jun-88	Calibration	ND	0.0900
20-Jun-88	Calibration	ND	0.0900
22-Jun-88	Calibration	ND	0.0900
22-Jun-88	Calibration	ND	0.0900
22-Jun-88	Calibration	ND	0.0900
22-Jun-88	Calibration	ND	0.0900
22-Jun-88	Calibration	ND	0.0900
23-Jun-88	Calibration	ND	0.0900
23-Jun-88	Calibration	ND	0.0900
23-Jun-88	Calibration	ND	0.0900
23-Jun-88	Calibration	ND	0.0900
23-Jun-88	Calibration	ND	0.0900
23-Jun-88	Calibration	ND	0.0900
23-Jun-88	Calibration	ND	0.0900
30-Jun-88	Calibration	ND	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Thallium continued			
30-Jun-88	Calibration	ND	0.0900
30-Jun-88	Calibration	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank		0.1200
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
01-Jan-88	Equipment Blank	ND	0.0900
07-Jun-88	Initial Calibration Blank	ND	0.1200
07-Jun-88	Initial Calibration Blank	<5X	0.1200
16-Jun-88	Initial Calibration Blank	ND	0.0900
17-Jun-88	Initial Calibration Blank	ND	0.0900
18-Jun-88	Initial Calibration Blank	ND	0.0900
22-Jun-88	Initial Calibration Blank	ND	0.0900
22-Jun-88	Initial Calibration Blank	ND	0.0900
23-Jun-88	Initial Calibration Blank	ND	0.0900
23-Jun-88	Initial Calibration Blank	ND	0.0900
23-Jun-88	Initial Calibration Blank	ND	0.0900
11-Apr-88	Preparation	ND	0.0900
12-Apr-88	Preparation	ND	0.0900
12-Apr-88	Preparation	ND	0.0900
12-Apr-88	Preparation	ND	0.0900
12-Apr-88	Preparation	ND	0.0900
18-Apr-88	Preparation	<5X	0.0090
18-Apr-88	Preparation	ND	0.0900
18-Apr-88	Preparation	ND	0.0900
18-Apr-88	Preparation	ND	0.0900
18-Apr-88	Preparation	ND	0.0900
28-Apr-88	Preparation	ND	0.0900
28-Apr-88	Preparation	ND	0.0900
28-Apr-88	Preparation	ND	0.0900
28-Apr-88	Preparation	ND	0.0900
28-Apr-88	Preparation	ND	0.0900
07-Jun-88	Preparation	<5X	0.1200
07-Jun-88	Preparation	ND	0.0900

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Thallium continued			
16-Jun-88	Preparation	<5X	0.1170
16-Jun-88	Preparation	ND	0.0900
16-Jun-88	Preparation	ND	0.0900
17-Jun-88	Preparation	ND	0.0900
17-Jun-88	Preparation	ND	0.0900
17-Jun-88	Preparation	ND	0.0900
18-Jun-88	Preparation	ND	0.0900
18-Jun-88	Preparation	ND	0.1100
20-Jun-88	Preparation	ND	0.0900
22-Jun-88	Preparation	ND	0.0900
22-Jun-88	Preparation	ND	0.0900
22-Jun-88	Preparation		0.0900
23-Jun-88	Preparation	ND	0.0900
23-Jun-88	Preparation	ND	0.0900
30-Jun-88	Preparation	ND	0.0900

Total Number of Blanks = 99 — Concentration Range 0.0090 - 0.22

Total Number above Detection Limit = 13 — Maximum Detection Limit = 0.12

Method: ICPES, EPA 200.7 elements

Analyte: Vanadium

11-Apr-88	Calibration	ND	0.0200
11-Apr-88	Calibration	<5X	0.0340
11-Apr-88	Calibration	<5X	0.0620
15-Apr-88	Calibration	<5X	0.0520
15-Apr-88	Calibration	ND	0.0200
07-Jun-88	Calibration	<5X	0.0240
07-Jun-88	Calibration	<5X	0.0400
07-Jun-88	Calibration	<5X	0.0240
07-Jun-88	Calibration	ND	0.0200
07-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200
16-Jun-88	Calibration	ND	0.0200

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Vanadium continued			
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	<5X	0.0220
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
17-Jun-88	Calibration	ND	0.0200
18-Jun-88	Calibration	ND	0.0400
18-Jun-88	Calibration	ND	0.0400
18-Jun-88	Calibration	ND	0.0400
20-Jun-88	Calibration	ND	0.0200
20-Jun-88	Calibration	ND	0.0200
20-Jun-88	Calibration	ND	0.0200
20-Jun-88	Calibration	ND	0.0200
22-Jun-88	Calibration	ND	0.0200
22-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
23-Jun-88	Calibration	ND	0.0200
30-Jun-88	Calibration	ND	0.0200
30-Jun-88	Calibration	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
07-Jun-88	Initial Calibration Blank	ND	0.0400
07-Jun-88	Initial Calibration Blank	<5X	0.0400
16-Jun-88	Initial Calibration Blank	ND	0.0200
16-Jun-88	Initial Calibration Blank	ND	0.0200

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Vanadium continued			
17-Jun-88	Initial Calibration Blank	ND	0.0200
18-Jun-88	Initial Calibration Blank	ND	0.0400
22-Jun-88	Initial Calibration Blank	<5X	0.0250
23-Jun-88	Initial Calibration Blank	ND	0.0200
23-Jun-88	Initial Calibration Blank	<5X	0.0250
23-Jun-88	Initial Calibration Blank	ND	0.0200
11-Apr-88	Preparation	ND	0.0200
12-Apr-88	Preparation	ND	0.0200
12-Apr-88	Preparation	<5X	0.0520
12-Apr-88	Preparation	ND	0.0200
12-Apr-88	Preparation	ND	0.0200
15-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
18-Apr-88	Preparation	ND	0.0200
28-Apr-88	Preparation	ND	0.0200
28-Apr-88	Preparation	ND	0.0200
28-Apr-88	Preparation	<5X	0.0760
28-Apr-88	Preparation	<5X	0.0240
28-Apr-88	Preparation	ND	0.0200
07-Jun-88	Preparation	<5X	0.0300
07-Jun-88	Preparation	<5X	0.0300
16-Jun-88	Preparation	ND	0.0200
16-Jun-88	Preparation	ND	0.0200
16-Jun-88	Preparation	ND	0.0200
16-Jun-88	Preparation	ND	0.0200
17-Jun-88	Preparation	ND	0.0200
17-Jun-88	Preparation	ND	0.0200
17-Jun-88	Preparation	ND	0.0200
18-Jun-88	Preparation	ND	0.0400
18-Jun-88	Preparation	ND	0.0400
20-Jun-88	Preparation	ND	0.0200
22-Jun-88	Preparation	<5X	0.0310
23-Jun-88	Preparation	ND	0.0200
23-Jun-88	Preparation	ND	0.0200
30-Jun-88	Preparation	<5X	0.0240

Total Number of Blanks = 95 Concentration Range 0.022 - 0.076

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Analysis for ICPES, EPA 200.7 elements
Analyte: Vanadium continued

Total Number above Detection Limit = 17 Maximum Detection Limit = 0.040

Method: ICPES, EPA 200.7 elements
Analyte: Zinc

Date	Type of Blank	Detection Flag	Result
11-Apr-88	Calibration	ND	0.0060
11-Apr-88	Calibration	ND	0.0060
11-Apr-88	Calibration	<5X	0.0006
15-Apr-88	Calibration	ND	0.0060
15-Apr-88	Calibration	ND	0.0060
15-Apr-88	Calibration	ND	0.0060
07-Jun-88	Calibration	ND	0.0060
07-Jun-88	Calibration	ND	0.0060
07-Jun-88	Calibration	ND	0.0060
07-Jun-88	Calibration	ND	0.0060
07-Jun-88	Calibration	ND	0.0060
16-Jun-88	Calibration	<5X	0.0070
16-Jun-88	Calibration	ND	0.0060
16-Jun-88	Calibration	ND	0.0060
16-Jun-88	Calibration	<5X	0.0110
16-Jun-88	Calibration	ND	0.0060
16-Jun-88	Calibration	ND	0.0060
16-Jun-88	Calibration	<5X	0.0080
17-Jun-88	Calibration	ND	0.0060
17-Jun-88	Calibration	ND	0.0060
17-Jun-88	Calibration	ND	0.0060
17-Jun-88	Calibration	ND	0.0060
17-Jun-88	Calibration	<5X	0.0090
17-Jun-88	Calibration	ND	0.0060
17-Jun-88	Calibration	<5X	0.0100
18-Jun-88	Calibration	ND	0.0100
18-Jun-88	Calibration	ND	0.0100
18-Jun-88	Calibration	ND	0.0100
20-Jun-88	Calibration	<5X	0.0090
20-Jun-88	Calibration	ND	0.0060
20-Jun-88	Calibration	<5X	0.0290
20-Jun-88	Calibration	ND	0.0060
22-Jun-88	Calibration	ND	0.0060
22-Jun-88	Calibration	ND	0.0100

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Zinc continued			
23-Jun-88	Calibration	ND	0.0060
23-Jun-88	Calibration	<5X	0.0100
23-Jun-88	Calibration	ND	0.0060
23-Jun-88	Calibration	ND	0.0060
23-Jun-88	Calibration	ND	0.0060
23-Jun-88	Calibration	ND	0.0060
23-Jun-88	Calibration	ND	0.0060
30-Jun-88	Calibration	<5X	0.0130
30-Jun-88	Calibration	<5X	0.0090
30-Jun-88	Calibration	ND	0.0060
01-Jan-88	Equipment Blank		0.0100
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank		0.0070
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank	ND	0.0060
01-Jan-88	Equipment Blank	ND	0.0060
07-Jun-88	Initial Calibration Blank	ND	0.0060
16-Jun-88	Initial Calibration Blank	<5X	0.0060
16-Jun-88	Initial Calibration Blank	ND	0.0060
17-Jun-88	Initial Calibration Blank	ND	0.0060
18-Jun-88	Initial Calibration Blank	ND	0.0100
22-Jun-88	Initial Calibration Blank	ND	0.0060
23-Jun-88	Initial Calibration Blank	ND	0.0060
23-Jun-88	Initial Calibration Blank	ND	0.0060
23-Jun-88	Initial Calibration Blank	<5X	0.0150
11-Apr-88	Preparation	ND	0.0060
12-Apr-88	Preparation	ND	0.0060
12-Apr-88	Preparation	<5X	0.0200
12-Apr-88	Preparation	ND	0.0060
12-Apr-88	Preparation	ND	0.0060
15-Apr-88	Preparation	ND	0.0060
18-Apr-88	Preparation	ND	0.0060
18-Apr-88	Preparation	ND	0.0060
18-Apr-88	Preparation	ND	0.0060
18-Apr-88	Preparation	ND	0.0060

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for ICPES, EPA 200.7 elements			
Analyte: Zinc continued			
18-Apr-88	Preparation	ND	0.0060
28-Apr-88	Preparation	ND	0.0060
28-Apr-88	Preparation	ND	0.0060
28-Apr-88	Preparation	<5X	0.0140
28-Apr-88	Preparation	<5X	0.0110
28-Apr-88	Preparation	ND	0.0060
07-Jun-88	Preparation	ND	0.0060
07-Jun-88	Preparation	ND	0.0060
16-Jun-88	Preparation	<5X	0.0130
16-Jun-88	Preparation	<5X	0.0110
16-Jun-88	Preparation	ND	0.0060
16-Jun-88	Preparation	ND	0.0060
17-Jun-88	Preparation	<5X	0.0150
17-Jun-88	Preparation	ND	0.0060
17-Jun-88	Preparation	<5X	0.0090
18-Jun-88	Preparation	ND	0.0100
18-Jun-88	Preparation	ND	0.0100
20-Jun-88	Preparation	<5X	0.0210
22-Jun-88	Preparation	<5X	0.0310
23-Jun-88	Preparation	ND	0.0060
23-Jun-88	Preparation	<5X	0.0210
30-Jun-88	Preparation	ND	0.0060

Total Number of Blanks = 96 — Concentration Range 0.00060 - 0.031

Total Number above Detection Limit = 25 — Maximum Detection Limit = 0.010

Method: Nitrate + nitrite

Analyte: NO2NO3-N

02-Mar-88	Calibration	ND	0.0200
11-Apr-88	Calibration	ND	0.0200

Total Number of Blanks = 2 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.020

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Nitrate + nitrite			
Analyte: NO3			
15-Apr-88	Calibration	ND	0.0700
15-Apr-88	Calibration	ND	0.0700
15-Apr-88	Calibration	ND	0.0700
15-Apr-88	Calibration	ND	0.0700
15-Apr-88	Calibration	ND	0.0700
16-Apr-88	Calibration		0.0500
16-Apr-88	Calibration		0.0500
16-Apr-88	Calibration		0.0500

Total Number of Blanks = 8 — Concentration Range 0.050 - 0.050
Total Number above Detection Limit = 3 — Maximum Detection Limit = 0.070

Date	Type of Blank	Detection Flag	Result
Method: Nitrate + nitrite			
Analyte: NO3-NO2-N			
07-Mar-88	Calibration	ND	0.0200
07-Mar-88	Calibration	ND	0.0001
21-Apr-88	Calibration	ND	0.0200
21-Apr-88	Calibration	ND	0.0200
21-Apr-88	Calibration	ND	0.0200
21-Apr-88	Calibration	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.1000
01-Jan-88	Equipment Blank		0.0900
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0400
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank	ND	0.1000
21-Apr-88	Preparation	ND	0.0200
21-Apr-88	Preparation	ND	0.0200
21-Apr-88	Preparation	ND	0.0200
21-Apr-88	Preparation	ND	0.0200
21-Apr-88	Preparation	ND	0.0200

Total Number of Blanks = 19 — Concentration Range 0.090 - 0.090
Total Number above Detection Limit = 1 — Maximum Detection Limit = 0.10

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Nitrate, colorimetric			
Analyte: NO3			
01-Jan-88	Equipment Blank	ND	0.0200
01-Jan-88	Equipment Blank		0.1100
Total Number of Blanks = 2		Concentration Range	0.11 - 0.11
Total Number above Detection Limit = 1		Maximum Detection Limit = 0.020	
Method: Oil and grease, infrared			
Analyte: ONG			
05-Feb-88	Calibration	ND	0.2000
05-Feb-88	Calibration	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
01-Jan-88	Equipment Blank	ND	0.2000
Total Number of Blanks = 5		Concentration Range	NC
Total Number above Detection Limit = 0		Maximum Detection Limit = 0.20	
Method: Orthophosphate			
Analyte: O-PO4			
21-Apr-88	Calibration	ND	0.0020
07-Apr-88	Equipment Blank	ND	0.0200
09-Apr-88	Equipment Blank	ND	0.0200
13-Apr-88	Equipment Blank	ND	0.0200
13-Apr-88	Equipment Blank	ND	0.0200
15-Apr-88	Equipment Blank	ND	0.0200
15-Apr-88	Equipment Blank	ND	0.0200
16-Apr-88	Equipment Blank	ND	0.0200
16-Apr-88	Equipment Blank	ND	0.0200
16-Apr-88	Equipment Blank	ND	0.0200
16-Apr-88	Equipment Blank	ND	0.0200
21-Apr-88	Preparation	ND	0.0020
21-Apr-88	Preparation	ND	0.0020
21-Apr-88	Preparation	ND	0.0020
21-Apr-88	Preparation	ND	0.0020

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Orthophosphate			
Analyte: O-PO4 continued			

Total Number of Blanks = 15 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.020

Method: Lead, graphite AA
Analyte: Pb

15-Feb-88	Calibration	ND	0.0020
15-Feb-88	Calibration	ND	0.0020
15-Feb-88	Calibration	ND	0.0020
15-Feb-88	Calibration	ND	0.0020
26-Feb-88	Calibration	ND	0.0020
26-Feb-88	Calibration	ND	0.0020
26-Feb-88	Calibration	ND	0.0020
01-Mar-88	Calibration	ND	0.0020
09-Mar-88	Calibration	ND	0.0010
14-Mar-88	Calibration	ND	0.0020
14-Mar-88	Calibration	ND	0.0020
14-Mar-88	Calibration	ND	0.0020
14-Mar-88	Calibration	ND	0.0020
17-Mar-88	Calibration	ND	0.0020
17-Mar-88	Calibration	ND	0.0020
17-Mar-88	Calibration	ND	0.0020
24-Mar-88	Calibration	ND	0.0020
24-Mar-88	Calibration	ND	0.0020
24-Mar-88	Calibration	ND	0.0020
24-Mar-88	Calibration	ND	0.0020
26-Apr-88	Calibration	ND	0.0030
26-Apr-88	Calibration	ND	0.0020
26-Apr-88	Calibration	ND	0.0020
26-Apr-88	Calibration	ND	0.0020
26-Apr-88	Calibration	ND	0.0050
26-Apr-88	Calibration	ND	0.0020
26-Apr-88	Calibration	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank	ND	0.0020
01-Jan-88	Equipment Blank		0.0020
01-Jan-88	Equipment Blank		0.0080

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Lead, graphite AA Analyte: Pb continued			
01-Jan-88	Equipment Blank		0.0040
01-Mar-88	Preparation	ND	0.0020
01-Mar-88	Preparation	ND	0.0020
09-Mar-88	Preparation	ND	0.0010
09-Mar-88	Preparation	ND	0.0010
09-Mar-88	Preparation	ND	0.0010
09-Mar-88	Preparation	ND	0.0010
09-Mar-88	Preparation	ND	0.0010
14-Mar-88	Preparation	ND	0.0020
14-Mar-88	Preparation	ND	0.0020
14-Mar-88	Preparation	ND	0.0020
17-Mar-88	Preparation	ND	0.0020
24-Mar-88	Preparation	ND	0.0020
26-Apr-88	Preparation	ND	0.0050
26-Apr-88	Preparation	ND	0.0050
26-Apr-88	Preparation	ND	0.0050
26-Apr-88	Preparation	ND	0.0020
26-Apr-88	Preparation	ND	0.0020
26-Apr-88	Preparation	ND	0.0020

Total Number of Blanks = 50 — Concentration Range 0.0020 - 0.0080

Total Number above Detection Limit = 3 — Maximum Detection Limit = 0.0050

Method: Selenium, graphite AA Analyte: Se			
24-Feb-88	Calibration	ND	0.0030
24-Feb-88	Calibration	ND	0.0030
24-Feb-88	Calibration	ND	0.0030
24-Feb-88	Calibration	ND	0.0030
26-Feb-88	Calibration	ND	0.0050
26-Feb-88	Calibration	ND	0.0050
26-Feb-88	Calibration	ND	0.0050
09-Mar-88	Calibration	ND	0.0030
09-Mar-88	Calibration	ND	0.0030
11-Mar-88	Calibration	ND	0.0030
17-Mar-88	Calibration	ND	0.0050
17-Mar-88	Calibration	ND	0.0050

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Selenium, graphite AA			
Analyte: Se continued			
17-Mar-88	Calibration	ND	0.0050
17-Mar-88	Calibration	ND	0.0050
17-Mar-88	Calibration	ND	0.0050
21-Mar-88	Calibration	ND	0.0050
21-Mar-88	Calibration	ND	0.0050
22-Mar-88	Calibration	ND	0.0050
22-Mar-88	Calibration	ND	0.0050
15-Apr-88	Calibration	ND	0.0030
15-Apr-88	Calibration	ND	0.0030
15-Apr-88	Calibration	ND	0.0050
27-Apr-88	Calibration	ND	0.0030
27-Apr-88	Calibration	ND	0.0030
28-Apr-88	Calibration	ND	0.0030
28-Apr-88	Calibration	ND	0.0030
28-Apr-88	Calibration	ND	0.0030
28-Apr-88	Calibration	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0050
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank	ND	0.0030
01-Jan-88	Equipment Blank		0.0030
01-Jan-88	Equipment Blank	ND	0.0030
24-Feb-88	Preparation	ND	0.0030
24-Feb-88	Preparation	ND	0.0030
24-Feb-88	Preparation	ND	0.0030
24-Feb-88	Preparation	ND	0.0030
24-Feb-88	Preparation	ND	0.0030
26-Feb-88	Preparation	ND	0.0050
09-Mar-88	Preparation	ND	0.0030
09-Mar-88	Preparation	ND	0.0030
09-Mar-88	Preparation	ND	0.0030
09-Mar-88	Preparation	ND	0.0030
11-Mar-88	Preparation	ND	0.0030
11-Mar-88	Preparation	ND	0.0030
17-Mar-88	Preparation	ND	0.0050
17-Mar-88	Preparation	ND	0.0050

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Selenium, graphite AA Analyte: Se continued			
17-Mar-88	Preparation	ND	0.0050
21-Mar-88	Preparation	ND	0.0050
21-Mar-88	Preparation	ND	0.0050
22-Mar-88	Preparation	ND	0.0050
15-Apr-88	Preparation	<5X	0.0050
15-Apr-88	Preparation	ND	0.0050
15-Apr-88	Preparation	ND	0.0050
15-Apr-88	Preparation	ND	0.0050
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030
28-Apr-88	Preparation	ND	0.0030

Total Number of Blanks = 65 — Concentration Range 0.0030 - 0.0050

Total Number above Detection Limit = 2 — Maximum Detection Limit = 0.0050

Method: Sulfate, nephelometry Analyte: SO4		
01-Jan-88	Equipment Blank	4.0000
01-Jan-88	Equipment Blank	5.0000
01-Jan-88	Equipment Blank	4.0000
01-Jan-88	Equipment Blank	4.0000
01-Jan-88	Equipment Blank	6.0000
01-Jan-88	Equipment Blank	3.0000
01-Jan-88	Equipment Blank	4.0000
01-Jan-88	Equipment Blank	4.0000
01-Jan-88	Equipment Blank	5.0000
01-Jan-88	Equipment Blank	5.0000

Total Number of Blanks = 10 — Concentration Range 3.0 - 6.0

Total Number above Detection Limit = 10 — Maximum Detection Limit =

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Total dissolved solids			
Analyte: TDS			
09-Mar-88	Calibration		0.7000
08-Apr-88	Calibration	ND	1.0000
08-Apr-88	Equipment Blank		1.0000
19-Apr-88	Equipment Blank		9.0000
19-Apr-88	Equipment Blank		16.0000
20-Apr-88	Equipment Blank	ND	1.0000
20-Apr-88	Equipment Blank		6.0000
21-Apr-88	Equipment Blank		5.0000
21-Apr-88	Equipment Blank		41.0000
22-Apr-88	Equipment Blank		8.0000
22-Apr-88	Equipment Blank		4.0000

Total Number of Blanks = 11 — Concentration Range 0.70 - 41.0

Total Number above Detection Limit = 9 — Maximum Detection Limit = 1.0

Method: Xylenes, EPA 602			
Analyte: m-Xylene			
07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
21-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000
26-Apr-88	Equipment Blank	ND	0.2000
27-Apr-88	Equipment Blank	ND	0.2000
28-Apr-88	Equipment Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Xylenes, EPA 602			
Analyte: m-Xylene continued			
04-Mar-88	Field Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
09-Mar-88	Field Blank	ND	0.2000
10-Mar-88	Field Blank	ND	0.2000
14-Mar-88	Field Blank	ND	0.2000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
15-Apr-88	Field Blank	ND	0.2000
18-Apr-88	Field Blank	ND	0.2000
18-Apr-88	Field Blank	ND	0.2000
21-Apr-88	Field Blank	ND	0.2000
25-Apr-88	Field Blank	ND	0.2000
26-Apr-88	Field Blank	ND	0.2000
26-Apr-88	Field Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	2.0000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
09-Mar-88	Trip Blank (Field Blank)	ND	2.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
15-Apr-88	Trip Blank (Field Blank)	ND	0.2000
18-Apr-88	Trip Blank (Field Blank)	ND	0.2000
18-Apr-88	Trip Blank (Field Blank)	ND	0.2000
21-Apr-88	Trip Blank (Field Blank)	ND	0.2000
25-Apr-88	Trip Blank (Field Blank)	ND	0.2000
26-Apr-88	Trip Blank (Field Blank)	ND	0.2000

Total Number of Blanks = 56 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Method: Xylenes, EPA 602			
Analyte: o-Xylene			
07-Apr-88	Equipment Blank	ND	0.1000
11-Apr-88	Equipment Blank	ND	0.1000
13-Apr-88	Equipment Blank	ND	0.1000
14-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
15-Apr-88	Equipment Blank	ND	0.1000
18-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
19-Apr-88	Equipment Blank	ND	0.1000
20-Apr-88	Equipment Blank	ND	0.1000
20-Apr-88	Equipment Blank	ND	0.1000
20-Apr-88	Equipment Blank	ND	0.1000
21-Apr-88	Equipment Blank	ND	0.1000
25-Apr-88	Equipment Blank	ND	0.1000
25-Apr-88	Equipment Blank	ND	0.1000
25-Apr-88	Equipment Blank	ND	0.1000
25-Apr-88	Equipment Blank	ND	0.1000
26-Apr-88	Equipment Blank	ND	0.1000
27-Apr-88	Equipment Blank	ND	0.1000
28-Apr-88	Equipment Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
04-Mar-88	Field Blank	ND	0.1000
09-Mar-88	Field Blank	ND	0.1000
10-Mar-88	Field Blank	ND	0.1000
14-Mar-88	Field Blank	ND	0.1000
07-Apr-88	Field Blank	ND	0.1000
08-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
12-Apr-88	Field Blank	ND	0.1000
13-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
14-Apr-88	Field Blank	ND	0.1000
15-Apr-88	Field Blank	ND	0.1000
18-Apr-88	Field Blank	ND	0.1000
18-Apr-88	Field Blank	ND	0.1000
21-Apr-88	Field Blank	ND	0.1000
25-Apr-88	Field Blank	ND	0.1000
26-Apr-88	Field Blank	ND	0.1000
26-Apr-88	Field Blank	ND	0.1000
04-Mar-88	Trip Blank (Field Blank)	ND	0.1000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Xylenes, EPA 602			
Analyte: o-Xylene continued			
04-Mar-88	Trip Blank (Field Blank)	ND	1.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.1000
09-Mar-88	Trip Blank (Field Blank)	ND	1.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.1000
08-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
12-Apr-88	Trip Blank (Field Blank)	ND	0.1000
13-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
14-Apr-88	Trip Blank (Field Blank)	ND	0.1000
15-Apr-88	Trip Blank (Field Blank)	ND	0.1000
18-Apr-88	Trip Blank (Field Blank)	ND	0.1000
18-Apr-88	Trip Blank (Field Blank)	ND	0.1000
21-Apr-88	Trip Blank (Field Blank)	ND	0.1000
25-Apr-88	Trip Blank (Field Blank)	ND	0.1000
26-Apr-88	Trip Blank (Field Blank)	ND	0.1000

Total Number of Blanks = 56 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.0

Method: Xylenes, EPA 602
Analyte: p-Xylene

07-Apr-88	Equipment Blank	ND	0.2000
11-Apr-88	Equipment Blank	ND	0.2000
13-Apr-88	Equipment Blank	ND	0.2000
14-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
15-Apr-88	Equipment Blank	ND	0.2000
18-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
19-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
20-Apr-88	Equipment Blank	ND	0.2000
21-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000
25-Apr-88	Equipment Blank	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Xylenes, EPA 602			
Analyte: p-Xylene continued			
25-Apr-88	Equipment Blank	ND	0.2000
26-Apr-88	Equipment Blank	ND	0.2000
27-Apr-88	Equipment Blank	ND	0.2000
28-Apr-88	Equipment Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
04-Mar-88	Field Blank	ND	0.2000
09-Mar-88	Field Blank	ND	0.2000
10-Mar-88	Field Blank	ND	0.2000
14-Mar-88	Field Blank	ND	0.2000
07-Apr-88	Field Blank	ND	0.2000
08-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
12-Apr-88	Field Blank	ND	0.2000
13-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
14-Apr-88	Field Blank	ND	0.2000
15-Apr-88	Field Blank	ND	0.2000
18-Apr-88	Field Blank	ND	0.2000
18-Apr-88	Field Blank	ND	0.2000
21-Apr-88	Field Blank	ND	0.2000
25-Apr-88	Field Blank	ND	0.2000
26-Apr-88	Field Blank	ND	0.2000
26-Apr-88	Field Blank	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	0.2000
04-Mar-88	Trip Blank (Field Blank)	ND	2.0000
05-Mar-88	Trip Blank (Field Blank)	ND	0.2000
09-Mar-88	Trip Blank (Field Blank)	ND	2.0000
07-Apr-88	Trip Blank (Field Blank)	ND	0.2000
08-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
12-Apr-88	Trip Blank (Field Blank)	ND	0.2000
13-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
14-Apr-88	Trip Blank (Field Blank)	ND	0.2000
15-Apr-88	Trip Blank (Field Blank)	ND	0.2000
18-Apr-88	Trip Blank (Field Blank)	ND	0.2000
18-Apr-88	Trip Blank (Field Blank)	ND	0.2000
21-Apr-88	Trip Blank (Field Blank)	ND	0.2000
25-Apr-88	Trip Blank (Field Blank)	ND	0.2000
26-Apr-88	Trip Blank (Field Blank)	ND	0.2000

TABLE G-2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = AQUEOUS

Date	Type of Blank	Detection Flag	Result
Analysis for Xylenes, EPA 602			
Analyte: p-Xylene continued			

Total Number of Blanks = 56 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 2.0

TABLE G-3. SUMMARY OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF QCCS RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	CV (%)
Arsenic, graphite AA			
Control Sample			
As	37	99.5	4.8
Chloride			
Control Sample			
Cl	31	99.7	4.8
EPA method 601			
Control Sample			
1,1,1-Trichloroethane	36	108.9	15.9
1,2-Dichloroethane	36	78.3	10.2
Bromodichloromethane	34	124.4	11.5
Bromoform	36	90.9	17.3
Carbon Tetrachloride	32	109.6	8.5
Carbon tetrachloride	3	107.7	6.2
Chloroform	35	103.5	7.8
Dibromochloromethane	36	133.2	10.9
Tetrachloroethene	35	97.9	8.8
Trichloroethene	35	88.0	10.2
EPA method 602			
Control Sample			
Benzene	25	90.1	20.8
Ethylbenzene	26	88.2	11.3
Toluene	25	113.1	8.2
m-Xylene	26	95.8	7.8
o-Xylene	26	98.5	19.1
p-Xylene	26	106.9	8.8
Fluoride, SIE			
Control Sample			
F_SIE	27	96.9	3.3
Hydrocarbons, Total			
Control Sample			
HC	3	104.5	.8
HC_IR	15	98.8	3.9

TABLE G-3. SUMMARY OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF QCCS RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	CV (%)
Mercury, cold vapor			
Control Sample			
Hg	36	105.2	10.9
ICPES, EPA 200.7 elements			
Control Sample			
Aluminum	30	99.9	5.5
Antimony	31	100.5	5.1
Arsenic	38	95.9	10.2
Barium	26	99.2	3.1
Beryllium	26	98.5	3.1
Boron	32	99.0	3.2
Cadmium	30	97.4	17.4
Calcium	32	99.4	2.8
Chromium	25	94.6	19.0
Cobalt	30	94.6	17.8
Copper	26	93.0	19.2
Iron	32	95.3	3.3
Lead	29	97.0	3.4
Magnesium	30	99.0	2.8
Manganese	26	95.5	18.6
Molybdenum	30	96.6	3.1
Nickel	26	98.4	3.1
Potassium	30	102.1	5.3
Selenium	26	98.3	4.9
Silicon	33	97.4	10.7
Silver	45	96.9	6.2
Sodium	30	100.2	2.8
Thallium	27	97.5	3.5
Vanadium	31	98.6	3.0
Zinc	31	101.4	3.5
ICP Interference Check Sample			
Aluminum	6	99.1	2.5
Antimony	6	99.6	.9
Arsenic	6	113.5	14.6
Barium	34	100.1	4.3
Beryllium	34	99.3	4.7
Boron	6	95.2	5.6
Cadmium	36	101.5	4.6
Calcium	6	100.1	.8

TABLE G-3. SUMMARY OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

SUMMARY OF QCCS RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	CV (%)
ICPES, EPA 200.7 elements			
ICP Interference Check Sample			
Chromium	34	98.8	4.5
Cobalt	36	97.5	5.2
Copper	34	100.2	5.4
Iron	6	96.8	3.6
Lead	6	98.4	4.0
Magnesium	6	98.7	2.3
Manganese	34	99.6	4.2
Molybdenum	6	101.1	4.2
Nickel	34	98.4	4.4
Potassium	6	100.2	3.3
Selenium	5	101.8	4.0
Silicon	6	97.8	5.5
Silver	37	92.3	16.3
Sodium	6	97.2	2.7
Thallium	5	104.0	4.6
Vanadium	34	98.2	7.0
Zinc	34	101.6	19.7
Nitrate + nitrite			
Control Sample			
NO3-NO2-N	25	103.1	3.2
Nitrate, colorimetric			
Control Sample			
NO3	15	95.4	8.6
Oil and grease, infrared			
Control Sample			
ONG	18	99.7	4.4
Orthophosphate			
Control Sample			
O-PO4	22	95.1	20.5
Lead, graphite AA			
Control Sample			
Pb	35	96.0	22.8

TABLE G-3. SUMMARY OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF QCCS RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	CV (%)
Selenium, graphite AA			
Control Sample			
Se	39	98.1	5.1
Sulfate, nephelometry			
Control Sample			
SO4	25	101.9	3.3
Total dissolved solids			
Control Sample			
TDS	11	103.8	1.8

TABLE G-3. SUMMARY OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF QCCS RESULTS FOR MATRIX = MUNICIPAL SLUDGE

Parameter	Number of Samples	Mean % Recovery	CV (%)
Arsenic, graphite AA			
Control Sample			
As	35	98.4	6.4
Chloride			
Control Sample			
Cl	8	99.6	4.4
Fluoride, SIE			
Control Sample			
F_SIE	13	98.4	5.9
Hydrocarbons, Total			
Control Sample			
HC_IR	15	99.5	5.0
Mercury, cold vapor			
Control Sample			
Hg	27	104.2	10.9
ICPES, EPA 200.7 elements			
Control Sample			
Aluminum	41	98.2	14.3
Antimony	44	98.6	15.8
Arsenic	40	98.7	17.1
Barium	42	101.1	3.0
Beryllium	41	101.0	3.2
Boron	45	101.8	4.9
Cadmium	50	100.5	3.1
Calcium	40	99.7	2.8
Chromium	41	100.1	2.4
Cobalt	42	98.8	3.5
Copper	42	98.3	3.5
Iron	42	95.4	14.6
Lead	42	98.1	5.4
Magnesium	40	99.4	3.9
Manganese	42	100.4	2.6
Molybdenum	41	96.2	3.1
Nickel	42	100.2	2.7
Potassium	40	96.5	18.7

TABLE G-3. SUMMARY OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF QCCS RESULTS FOR MATRIX = MUNICIPAL SLUDGE

Parameter	Number of Samples	Mean % Recovery	CV (%)
ICPES, EPA 200.7 elements			
Control Sample			
Selenium	41	98.0	7.1
Silicon	42	109.4	34.3
Silver	42	97.1	15.9
Sodium	41	100.6	7.6
Thallium	40	100.5	4.6
Vanadium	40	100.3	3.3
Zinc	41	102.1	3.7
ICP Interference Check Sample			
Aluminum	5	100.0	.0
Antimony	4	75.3	65.8
Arsenic	5	100.0	.0
Barium	24	99.7	2.5
Beryllium	26	100.9	2.5
Boron	3	100.0	.0
Cadmium	26	101.7	2.9
Calcium	3	100.0	.0
Chromium	26	101.8	3.0
Cobalt	24	101.4	4.3
Copper	26	101.4	4.2
Iron	6	112.5	27.2
Lead	13	99.9	2.5
Magnesium	3	100.0	.0
Manganese	26	99.5	2.2
Molybdenum	4	75.3	65.8
Nickel	25	100.4	2.6
Potassium	4	75.3	65.8
Selenium	4	120.3	33.7
Silicon	4	75.3	65.8
Silver	26	96.4	3.9
Sodium	4	75.3	65.8
Thallium	4	75.3	65.8
Vanadium	26	105.5	9.8
Zinc	26	101.1	5.6
Nitrate + nitrite			
Control Sample			
NO3-NO2-N	2	103.5	2.0

TABLE G-3. SUMMARY OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF QCCS RESULTS FOR MATRIX = MUNICIPAL SLUDGE

Parameter	Number of Samples	Mean % Recovery	CV (%)
Nitrate, colorimetric			
Control Sample			
NO3	4	98.0	.0
Oil and grease, infrared			
Control Sample			
ONG	15	100.0	4.2
ONG/HC	3	95.9	1.9
Orthophosphate			
Control Sample			
O-PO4	6	91.4	2.4
Lead, graphite AA			
Control Sample			
Pb	20	98.4	4.2
Selenium, graphite AA			
Control Sample			
Se	26	97.1	4.5
Sulfate, nephelometry			
Control Sample			
SO4	14	100.9	2.5
Total dissolved solids			
Control Sample			
TDS	3	101.1	3.8

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TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Arsenic, graphite AA
Matrix: Aqueous
Analyte = As

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
08-Mar-88	1.0		1.0	98.00
08-Mar-88	0.10		0.1	98.00
08-Mar-88	0.10		0.1	98.00
08-Mar-88	0.10		0.1	100.00
09-Mar-88	0.10		0.1	110.00
09-Mar-88	0.10		0.1	106.00
09-Mar-88	0.10		0.1	102.00
17-Mar-88	0.10		0.1	96.00
17-Mar-88	0.10		0.1	96.00
17-Mar-88	0.10		0.1	96.00
17-Mar-88	0.10		0.1	96.00
24-Mar-88	0.10		0.1	102.00
24-Mar-88	0.10		0.1	98.00
24-Mar-88	0.10		0.1	100.00
18-Apr-88	0.10		0.1	100.00
18-Apr-88	0.10		0.1	110.00
18-Apr-88	0.10		0.1	90.00
19-Apr-88	0.10		0.1	108.00
19-Apr-88	0.10		0.1	100.00
19-Apr-88	0.10		0.1	100.00
21-Apr-88	1.0		1.0	96.00
21-Apr-88	0.10		0.1	94.00
21-Apr-88	0.10		0.1	102.00
21-Apr-88	1.0		1.0	96.00
25-Apr-88	0.10		0.1	104.00
25-Apr-88	0.10		0.1	100.00
25-Apr-88	0.10		0.1	90.00
25-Apr-88	0.10		0.1	108.00
25-Apr-88	0.10		0.1	102.00
25-Apr-88	0.10		0.1	104.00
27-Apr-88	0.10		0.1	96.00
27-Apr-88	0.10		0.1	98.00
27-Apr-88	0.10		0.1	96.00
27-Apr-88	0.10		0.1	100.00
27-Apr-88	1.0		1.0	98.00
27-Apr-88	1.0		1.0	96.00
27-Apr-88	1.0		1.0	98.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Method: Arsenic, graphite AA
Matrix: Aqueous
Analyte = As
Type of Control Sample = Control Sample. continued

Number of Samples = 37 Mean % Recovery = 99.5 CV (%) = 4.8

Method: Arsenic, graphite AA
Matrix: Municipal Sludge
Analyte = As

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Feb-88	0.10		0.1	94.00
16-Feb-88	0.10		0.1	92.00
16-Feb-88	0.10		0.1	96.00
16-Feb-88	100.0		96.0	96.00
16-Feb-88	100.0		92.0	92.00
16-Feb-88	100.0		94.0	94.00
16-Feb-88	100.0		96.0	96.00
16-Feb-88	100.0		96.0	96.00
16-Feb-88	100.0		94.0	96.00
16-Feb-88	100.0		96.0	96.00
16-Feb-88	100.0		94.0	94.00
22-Feb-88	100.0		100.0	100.00
22-Feb-88	100.0		102.0	102.00
22-Feb-88	100.0		110.0	110.00
25-Feb-88	100.0		94.0	94.00
25-Feb-88	100.0		100.0	100.00
25-Feb-88	100.0		94.0	94.00
04-Mar-88	100.0		92.0	92.00
04-Mar-88	100.0		94.0	94.00
04-Mar-88	100.0		102.0	102.00
09-Mar-88	0.10		0.1	102.00
09-Mar-88	0.10		0.1	104.00
09-Mar-88	0.10		0.1	98.00
09-Mar-88	0.10		0.1	102.00
09-Mar-88	0.10		0.1	100.00
09-Mar-88	0.10		0.1	102.00
09-Mar-88	0.10		0.1	106.00
24-Mar-88	0.10		0.1	102.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Arsenic, graphite AA				
Matrix: Municipal Sludge				
Analyte = As				
Type of Control Sample = Control Sample. continued				
24-Mar-88	0.10		0.1	98.00
18-Apr-88	0.10		0.1	100.00
18-Apr-88	0.10		0.1	110.00
18-Apr-88	0.10		0.1	110.00
22-Jun-88	10.0		10.4	104.00
22-Jun-88	5.0		3.8	76.80
22-Jun-88	5.0		4.9	98.40
Number of Samples = 35	Mean % Recovery =		98.4	CV (%) = 6.4
Method: Chloride				
Matrix: Aqueous				
Analyte = Cl				
Type of Control Sample = Control Sample.				
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		18.0	90.00
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		18.0	90.00
10-Mar-88	20.0		20.0	100.00
25-Apr-88	51.7		49.9	96.52
25-Apr-88	51.7		51.0	98.65
25-Apr-88	51.7		50.9	98.45
25-Apr-88	51.7		50.9	98.45
25-Apr-88	51.7		51.0	98.65
25-Apr-88	51.7		51.0	98.65
25-Apr-88	51.7		49.9	96.52
25-Apr-88	51.7		51.0	98.65
25-Apr-88	51.7		49.0	94.78
28-Apr-88	51.7		54.7	105.80
28-Apr-88	51.7		54.7	105.80
28-Apr-88	51.7		54.7	105.80
28-Apr-88	51.7		54.7	105.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Chloride				
Matrix: Aqueous				
Analyte = Cl				
Type of Control Sample = Control Sample. continued				
28-Apr-88	51.7		54.7	105.80
02-May-88	51.7		53.4	103.28
02-May-88	51.7		55.7	107.73
02-May-88	51.7		53.4	103.28
02-May-88	51.7		53.4	103.28
02-May-88	51.7		55.7	107.73
05-May-88	80.8		78.5	97.15
05-May-88	80.8		75.5	93.44
05-May-88	80.8		77.5	95.92
05-May-88	80.8		78.5	97.15
05-May-88	80.8		75.5	93.44
Number of Samples = 31	Mean % Recovery =		99.7	CV (%) = 4.8
Method: Chloride				
Matrix: Municipal Sludge				
Analyte = Cl				
Type of Control Sample = Control Sample.				
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		18.0	90.00
10-Mar-88	20.0		20.0	100.00
10-Mar-88	20.0		21.0	105.00
17-Mar-88	51.7		51.0	98.65
17-Mar-88	51.7		53.4	103.29
Number of Samples = 8	Mean % Recovery =		99.6	CV (%) = 4.4

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 601
Matrix: Aqueous
Analyte = 1,1,1-Trichloroethane

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
25-Feb-88	1.4		1.3	92.86
26-Feb-88	1.4		1.5	107.14
29-Feb-88	1.4		1.4	100.00
29-Feb-88	1.4		1.8	128.57
01-Mar-88	1.4		1.2	85.71
01-Mar-88	1.4		1.8	128.57
02-Mar-88	1.4		1.3	92.86
02-Mar-88	1.4		1.9	135.71
03-Mar-88	1.4		1.5	107.14
03-Mar-88	1.4		1.7	121.43
04-Mar-88	1.4		1.8	128.57
04-Mar-88	1.4		1.4	100.00
05-Mar-88	1.4		1.6	114.29
07-Mar-88	1.4		1.3	92.86
08-Mar-88	1.4		1.1	78.57
09-Mar-88	14.0		13.0	92.86
10-Mar-88	1.4		1.3	92.86
11-Mar-88	1.4		1.2	85.71
12-Mar-88	1.4		1.2	85.71
15-Mar-88	1.4		1.7	121.43
15-Mar-88	1.4		2.0	142.86
06-Apr-88	1.4		1.6	114.29
06-Apr-88	1.4		1.6	114.29
07-Apr-88	1.4		1.6	114.29
08-Apr-88	1.4		1.2	85.71
11-Apr-88	1.4		1.0	71.43
12-Apr-88	1.4		1.7	121.43
13-Apr-88	1.4		1.7	121.43
14-Apr-88	1.4		1.8	128.57
15-Apr-88	1.4		1.7	121.43
15-Apr-88	1.4		1.7	121.43
18-Apr-88	1.4		1.6	114.29
18-Apr-88	1.4		1.6	114.29
19-Apr-88	1.4		1.6	114.29
19-Apr-88	1.4		1.6	114.29
20-Apr-88	1.4		1.6	114.29

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 601
Matrix: Aqueous
Analyte = benzene
Type of Control Sample = Control Sample. continued

Number of Samples = 36 Mean % Recovery = 108.9 CV (%) = 15.9

Method: EPA method 601
Matrix: Aqueous
Analyte = 1,2-Dichloroethane

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
25-Feb-88	2.0		1.3	65.00
26-Feb-88	2.0		1.4	70.00
29-Feb-88	2.0		1.6	80.00
29-Feb-88	2.0		1.9	95.00
01-Mar-88	2.0		1.6	80.00
01-Mar-88	2.0		1.6	80.00
02-Mar-88	2.0		1.5	75.00
02-Mar-88	2.0		1.3	65.00
03-Mar-88	2.0		1.7	85.00
03-Mar-88	2.0		1.6	80.00
04-Mar-88	2.0		1.6	80.00
04-Mar-88	2.0		1.5	75.00
05-Mar-88	2.0		1.4	70.00
07-Mar-88	2.0		1.5	75.00
08-Mar-88	2.0		1.4	70.00
09-Mar-88	20.0		16.0	80.00
10-Mar-88	2.0		1.5	75.00
11-Mar-88	2.0		1.4	70.00
12-Mar-88	2.0		1.5	75.00
15-Mar-88	2.0		1.7	85.00
15-Mar-88	2.0		1.9	95.00
06-Apr-88	2.0		1.6	80.00
06-Apr-88	2.0		1.7	85.00
07-Apr-88	2.0		1.7	85.00
08-Apr-88	2.0		1.7	85.00
11-Apr-88	2.0		1.2	60.00
12-Apr-88	2.0		1.7	85.00
13-Apr-88	2.0		1.7	85.00
14-Apr-88	2.0		1.8	90.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 601				
Matrix: Aqueous				
Analyte = 1,2-Dichloroethane				
Type of Control Sample = Control Sample. continued				
15-Apr-88	2.0		1.7	85.00
15-Apr-88	2.0		1.7	85.00
18-Apr-88	2.0		1.5	75.00
18-Apr-88	2.0		1.5	75.00
19-Apr-88	2.0		1.5	75.00
19-Apr-88	2.0		1.5	75.00
20-Apr-88	2.0		1.4	70.00
Number of Samples = 36	Mean % Recovery =		78.3	CV (%) = 10.2
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Bromodichloromethane				
Type of Control Sample = Control Sample.				
25-Feb-88	2.0		2.0	100.00
26-Feb-88	2.0		2.6	130.00
29-Feb-88	2.0		2.4	130.00
29-Feb-88	2.0		2.6	130.00
01-Mar-88	2.0		2.6	130.00
01-Mar-88	2.0		2.5	125.00
02-Mar-88	2.0		2.4	120.00
02-Mar-88	2.0		2.7	135.00
03-Mar-88	2.0		2.8	140.00
03-Mar-88	2.0		2.6	130.00
04-Mar-88	2.0		2.4	120.00
04-Mar-88	2.0		2.6	130.00
05-Mar-88	2.0		1.9	95.00
07-Mar-88	2.0		2.5	125.00
09-Mar-88	2.0		2.3	115.00
10-Mar-88	2.0		2.6	130.00
11-Mar-88	2.0		2.4	120.00
12-Mar-88	2.0		2.3	115.00
15-Mar-88	2.0		1.4	70.00
06-Apr-88	2.0		2.7	135.00
06-Apr-88	2.0		2.5	125.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Bromodichloromethane				
Type of Control Sample = Control Sample. continued				
07-Apr-88	2.0		2.7	135.00
08-Apr-88	2.0		2.7	135.00
11-Apr-88	2.0		2.1	105.00
12-Apr-88	2.0		2.5	125.00
13-Apr-88	2.0		2.9	145.00
14-Apr-88	2.0		2.8	140.00
15-Apr-88	2.0		2.6	130.00
15-Apr-88	2.0		2.6	130.00
18-Apr-88	2.0		2.5	125.00
18-Apr-88	2.0		2.5	125.00
19-Apr-88	2.0		2.6	130.00
19-Apr-88	2.0		2.6	130.00
20-Apr-88	2.0		2.5	125.00
Number of Samples = 34	Mean % Recovery = 124.4		CV (%) = 11.5	
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Bromoform				
Type of Control Sample = Control Sample.				
25-Feb-88	2.9		1.7	58.62
26-Feb-88	2.9		2.3	79.31
29-Feb-88	2.9		2.5	86.21
29-Feb-88	2.9		2.9	100.00
01-Mar-88	2.9		2.5	86.21
01-Mar-88	2.9		2.3	79.31
02-Mar-88	2.9		2.5	86.21
02-Mar-88	2.9		2.1	72.41
03-Mar-88	2.9		2.6	89.66
03-Mar-88	2.9		2.6	89.66
04-Mar-88	2.9		2.4	82.76
04-Mar-88	2.9		2.6	89.66
05-Mar-88	2.9		2.5	86.21
07-Mar-88	2.9		2.0	68.97
08-Mar-88	2.9		2.2	75.86

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Bromoform				
Type of Control Sample = Control Sample. continued				
09-Mar-88	2.9		2.4	82.76
10-Mar-88	2.9		2.4	82.76
11-Mar-88	2.9		1.9	65.52
12-Mar-88	2.9		1.9	65.52
15-Mar-88	2.9		2.7	93.10
15-Mar-88	2.9		2.7	93.10
06-Apr-88	2.0		2.7	135.00
06-Apr-88	2.9		2.9	100.00
07-Apr-88	2.9		3.0	103.45
08-Apr-88	2.9		2.4	82.76
11-Apr-88	2.9		2.9	100.00
12-Apr-88	2.9		2.8	96.55
13-Apr-88	2.9		3.1	106.90
14-Apr-88	2.9		3.3	113.79
15-Apr-88	2.9		3.3	113.79
15-Apr-88	2.9		3.3	113.79
18-Apr-88	2.9		3.0	103.45
18-Apr-88	2.9		3.0	103.45
19-Apr-88	2.9		2.8	96.55
19-Apr-88	2.9		2.8	96.55
20-Apr-88	2.9		2.7	93.10
Number of Samples = 36	Mean % Recovery =		90.9	CV (%) = 17.3

Method: EPA method 601
Matrix: Aqueous
Analyte = Carbon Tetrachloride

Type of Control Sample = Control Sample.

26-Feb-88	2.6		3.1	119.23
29-Feb-88	2.6		3.2	123.08
29-Feb-88	2.6		3.0	115.38
01-Mar-88	2.6		2.6	100.00
01-Mar-88	2.6		3.3	126.92
02-Mar-88	2.6		2.8	107.69
02-Mar-88	2.6		3.2	123.08

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Carbon Tetrachloride				
Type of Control Sample = Control Sample. continued				
03-Mar-88	2.6		2.8	107.69
03-Mar-88	2.6		3.3	126.92
04-Mar-88	2.6		3.1	119.23
04-Mar-88	2.6		3.0	115.38
05-Mar-88	2.6		2.7	103.85
07-Mar-88	2.6		2.8	107.69
08-Mar-88	2.6		2.7	103.85
09-Mar-88	2.6		2.9	112.31
10-Mar-88	2.6		3.0	115.38
11-Mar-88	2.6		2.7	103.85
12-Mar-88	2.6		2.7	103.85
15-Mar-88	2.6		2.9	111.54
15-Mar-88	2.6		3.1	119.23
07-Apr-88	2.6		2.9	111.54
08-Apr-88	2.6		2.7	103.85
11-Apr-88	2.6		2.4	92.31
13-Apr-88	2.6		2.9	111.54
14-Apr-88	2.6		2.9	111.54
15-Apr-88	2.6		2.9	111.54
15-Apr-88	2.6		2.9	111.54
18-Apr-88	2.6		2.5	96.15
18-Apr-88	2.6		2.5	96.15
19-Apr-88	2.6		2.6	100.00
19-Apr-88	2.6		2.6	100.00
20-Apr-88	2.6		2.5	96.15

Number of Samples = 32 Mean % Recovery = 109.6 CV (%) = 8.5

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Carbon tetrachloride				
Type of Control Sample = Control Sample.				
25-Feb-88	2.6		2.6	100.00
06-Apr-88	2.6		2.9	111.54
06-Apr-88	2.6		2.9	111.54
Number of Samples = 3	Mean % Recovery = 107.7		CV (%) =	6.2
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Chloroform				
Type of Control Sample = Control Sample.				
26-Feb-88	12.0		14.3	119.17
29-Feb-88	12.0		14.5	120.83
29-Feb-88	12.0		12.9	107.50
01-Mar-88	12.0		12.3	102.50
01-Mar-88	12.0		12.8	106.67
02-Mar-88	12.0		11.6	96.67
02-Mar-88	12.0		13.9	115.83
03-Mar-88	12.0		12.8	106.67
03-Mar-88	12.0		13.7	114.17
04-Mar-88	12.0		12.3	102.50
04-Mar-88	12.0		13.1	109.17
05-Mar-88	12.0		11.4	95.00
07-Mar-88	12.0		12.5	104.17
08-Mar-88	12.0		10.8	90.00
09-Mar-88	12.0		12.2	101.67
10-Mar-88	12.0		11.6	96.67
11-Mar-88	12.0		11.6	96.67
12-Mar-88	12.0		12.5	104.17
15-Mar-88	12.0		14.8	123.33
15-Mar-88	12.0		10.7	89.17
06-Apr-88	12.0		11.7	97.50
06-Apr-88	12.0		12.5	104.17
07-Apr-88	12.0		11.7	97.50
08-Apr-88	12.0		12.1	100.83

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Chloroform				
Type of Control Sample = Control Sample. continued				
11-Apr-88	12.0		13.7	114.17
12-Apr-88	12.0		12.0	100.00
13-Apr-88	12.0		12.3	102.50
14-Apr-88	12.0		12.4	103.33
15-Apr-88	12.0		12.0	100.00
15-Apr-88	12.0		12.0	100.00
18-Apr-88	12.0		12.1	100.83
18-Apr-88	12.0		12.1	100.83
19-Apr-88	12.0		11.9	99.17
19-Apr-88	12.0		11.9	99.17
20-Apr-88	12.0		11.8	98.33
Number of Samples = 35	Mean % Recovery = 103.5		CV (%) =	7.8
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Dibromochloromethane				
Type of Control Sample = Control Sample.				
25-Feb-88	2.6		3.2	123.08
26-Feb-88	2.6		4.0	153.85
29-Feb-88	2.6		3.1	119.23
29-Feb-88	2.6		3.8	146.15
01-Mar-88	2.6		2.8	107.69
01-Mar-88	2.6		3.7	142.31
02-Mar-88	2.6		2.8	107.69
02-Mar-88	2.6		3.7	142.31
03-Mar-88	2.6		4.3	165.38
03-Mar-88	2.6		3.2	123.08
04-Mar-88	2.6		3.9	150.00
04-Mar-88	2.6		3.2	123.08
05-Mar-88	2.6		2.8	107.69
07-Mar-88	2.6		3.7	142.31
08-Mar-88	2.6		3.8	146.15
09-Mar-88	2.6		4.1	157.69
10-Mar-88	2.6		4.0	153.85

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Dibromochloromethane				
Type of Control Sample = Control Sample. continued				
11-Mar-88	2.6		4.0	153.85
12-Mar-88	2.6		3.7	142.31
15-Mar-88	2.6		3.6	138.46
15-Mar-88	2.6		3.4	130.77
06-Apr-88	2.0		2.7	135.00
06-Apr-88	2.6		3.3	126.92
07-Apr-88	2.6		3.2	123.08
08-Apr-88	2.6		3.1	119.23
11-Apr-88	2.6		3.4	130.77
12-Apr-88	2.6		3.1	119.23
13-Apr-88	2.6		3.4	130.77
14-Apr-88	2.6		3.5	134.62
15-Apr-88	2.6		3.3	126.92
15-Apr-88	2.6		3.3	126.92
18-Apr-88	2.6		3.6	138.46
18-Apr-88	2.6		3.6	138.46
19-Apr-88	2.6		3.2	123.08
19-Apr-88	2.6		3.2	123.08
20-Apr-88	2.6		3.2	123.08
Number of Samples = 36	Mean % Recovery = 133.2		CV (%) = 10.9	
Method: EPA method 601				
Matrix: Aqueous				
Analyte = Tetrachloroethene				
Type of Control Sample = Control Sample.				
25-Feb-88	1.6		1.6	100.00
26-Feb-88	1.6		1.7	106.25
29-Feb-88	1.6		1.7	106.25
29-Feb-88	1.6		1.6	100.00
01-Mar-88	1.6		1.7	106.25
01-Mar-88	1.6		1.4	106.25
02-Mar-88	1.6		1.5	93.75
02-Mar-88	1.6		1.5	93.75
03-Mar-88	1.6		1.6	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 601
Matrix: Aqueous
Analyte = Tetrachloroethene
Type of Control Sample = Control Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
03-Mar-88	1.6		1.7	106.25
04-Mar-88	1.6		1.6	100.00
04-Mar-88	1.6		1.7	106.25
05-Mar-88	1.6		1.5	93.75
07-Mar-88	1.6		1.5	93.75
08-Mar-88	1.6		1.4	87.50
09-Mar-88	1.6		1.5	93.75
10-Mar-88	1.6		1.5	93.75
11-Mar-88	2.9		1.9	65.52
15-Mar-88	1.6		1.8	112.50
15-Mar-88	1.6		1.7	106.25
06-Apr-88	1.6		1.6	100.00
06-Apr-88	1.6		1.6	100.00
07-Apr-88	1.6		1.6	100.00
08-Apr-88	1.6		1.5	93.75
11-Apr-88	1.6		1.7	106.25
12-Apr-88	1.6		1.7	106.25
13-Apr-88	2.6		2.6	100.00
14-Apr-88	1.6		1.6	100.00
15-Apr-88	1.6		1.6	100.00
15-Apr-88	1.6		1.6	100.00
18-Apr-88	1.6		1.4	87.50
18-Apr-88	1.6		1.4	87.50
19-Apr-88	1.6		1.5	93.75
19-Apr-88	1.6		1.5	93.75
20-Apr-88	1.6		1.4	87.50

Number of Samples = 35 Mean % Recovery = 97.9 CV (%) = 8.8

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 601
Matrix: Aqueous
Analyte = Trichloroethene

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
25-Feb-88	2.9		2.8	96.55
26-Feb-88	2.9		2.9	100.00
29-Feb-88	2.9		2.8	96.55
29-Feb-88	2.9		2.9	100.00
01-Mar-88	2.9		2.6	89.66
01-Mar-88	2.9		2.5	86.21
02-Mar-88	2.9		2.6	89.66
02-Mar-88	2.9		2.6	89.66
03-Mar-88	2.9		3.0	103.45
03-Mar-88	2.9		2.6	89.66
04-Mar-88	2.9		2.7	93.10
04-Mar-88	2.9		2.6	89.66
05-Mar-88	2.9		2.4	82.76
07-Mar-88	2.9		2.5	86.21
09-Mar-88	2.9		2.6	89.66
10-Mar-88	2.9		2.7	93.10
11-Mar-88	2.9		2.5	86.21
12-Mar-88	2.9		2.4	82.76
15-Mar-88	2.9		3.2	110.34
15-Mar-88	2.9		3.0	103.45
06-Apr-88	2.9		2.4	82.76
06-Apr-88	2.9		2.4	82.76
07-Apr-88	2.9		2.4	82.76
08-Apr-88	2.9		2.3	79.31
11-Apr-88	2.9		2.6	89.66
12-Apr-88	2.9		2.5	86.21
13-Apr-88	2.9		2.5	86.21
14-Apr-88	2.9		2.6	89.66
15-Apr-88	2.9		2.5	86.21
15-Apr-88	2.9		2.5	86.21
18-Apr-88	2.9		2.1	72.41
18-Apr-88	2.9		2.1	72.41
19-Apr-88	2.9		2.2	75.86
19-Apr-88	2.9		2.2	75.86
20-Apr-88	2.9		2.1	72.41

Number of Samples = 35 Mean % Recovery = 88.0 CV (%) = 10.2

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Method: EPA method 601
Matrix: Aqueous
Analyte = benzene
Type of Control Sample = Control Sample. continued

Method: EPA method 602
Matrix: Aqueous
Analyte = Benzene

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
25-Feb-88	30.7		32.0	104.23
26-Feb-88	30.7		32.5	105.86
29-Feb-88	30.7		32.1	104.56
01-Mar-88	30.7		28.5	92.83
02-Mar-88	30.7		33.1	107.82
03-Mar-88	30.7		31.1	101.30
04-Mar-88	30.7		29.5	96.09
05-Mar-88	30.7		25.8	84.04
10-Mar-88	30.7		30.0	97.72
11-Mar-88	30.7		29.5	96.09
12-Mar-88	30.7		27.5	89.58
15-Mar-88	30.7		27.2	88.60
06-Apr-88	30.7		26.7	86.97
07-Apr-88	30.7		27.3	88.93
08-Apr-88	30.7		24.9	81.11
11-Apr-88	30.7		28.8	93.81
12-Apr-88	30.7		28.7	93.49
15-Apr-88	307.0		26.3	8.57
15-Apr-88	30.7		26.3	85.67
18-Apr-88	30.7		27.2	88.60
18-Apr-88	30.7		27.2	88.60
19-Apr-88	30.7		30.9	100.65
19-Apr-88	30.7		30.9	100.65
20-Apr-88	30.7		26.0	84.69
21-Apr-88	30.7		25.0	81.43

Number of Samples = 25 Mean % Recovery = 90.1 CV (%) = 20.8

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 602				
Matrix: Aqueous				
Analyte = Ethylbenzene				
Type of Control Sample = Control Sample.				
25-Feb-88	11.5		12.1	105.22
26-Feb-88	11.5		12.1	105.22
29-Feb-88	11.5		12.0	104.35
01-Mar-88	11.5		10.7	93.04
02-Mar-88	11.5		12.3	106.96
03-Mar-88	11.5		11.5	100.00
04-Mar-88	11.5		10.9	94.78
05-Mar-88	11.5		9.7	84.35
10-Mar-88	11.5		10.9	94.78
11-Mar-88	11.5		10.1	87.83
12-Mar-88	11.5		10.3	89.57
15-Mar-88	11.5		9.4	81.74
06-Apr-88	11.5		10.2	88.70
06-Apr-88	11.5		9.6	83.48
07-Apr-88	11.5		9.6	83.48
08-Apr-88	11.5		9.4	81.74
11-Apr-88	11.5		10.1	87.83
12-Apr-88	11.5		10.0	86.96
15-Apr-88	11.5		8.2	71.30
15-Apr-88	11.5		8.2	71.30
18-Apr-88	11.5		9.7	84.35
18-Apr-88	11.5		9.7	84.35
19-Apr-88	11.5		9.8	85.22
19-Apr-88	11.5		9.8	85.22
20-Apr-88	11.5		8.8	76.52
21-Apr-88	11.5		8.7	75.65

Number of Samples = 26 Mean % Recovery = 88.2 CV (%) = 11.3

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 602				
Matrix: Aqueous				
Analyte = Toluene				
Type of Control Sample = Control Sample.				
25-Feb-88	4.1		5.0	121.95
26-Feb-88	4.1		5.2	128.05
29-Feb-88	4.1		5.2	126.83
01-Mar-88	4.1		4.6	112.20
02-Mar-88	4.2		5.4	129.50
03-Mar-88	4.1		5.0	121.95
04-Mar-88	4.1		4.9	119.51
05-Mar-88	4.1		4.5	109.76
10-Mar-88	4.1		5.1	124.39
11-Mar-88	4.1		4.8	117.07
12-Mar-88	4.1		4.5	109.76
15-Mar-88	4.2		4.4	106.00
06-Apr-88	4.1		4.6	112.20
07-Apr-88	4.1		4.5	109.76
08-Apr-88	4.1		4.1	100.00
11-Apr-88	4.1		4.4	107.32
12-Apr-88	4.1		4.6	112.20
15-Apr-88	4.1		4.3	104.88
15-Apr-88	4.1		4.3	104.88
18-Apr-88	4.1		4.4	107.32
18-Apr-88	4.1		4.4	107.32
19-Apr-88	4.1		4.9	119.51
19-Apr-88	4.1		4.9	119.51
20-Apr-88	4.1		4.0	97.56
21-Apr-88	4.1		4.0	97.56

Number of Samples = 25 Mean % Recovery = 113.1 CV (%) = 8.2

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 602
Matrix: Aqueous
Analyte = m-Xylene

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
25-Feb-88	42.6		32.2	75.59
26-Feb-88	42.6		43.1	101.17
29-Feb-88	42.6		44.7	104.93
01-Mar-88	42.6		40.0	93.90
02-Mar-88	42.6		46.5	109.15
03-Mar-88	42.6		43.8	102.82
04-Mar-88	42.6		41.6	97.65
05-Mar-88	42.6		36.6	85.92
10-Mar-88	42.6		41.6	97.65
11-Mar-88	42.6		41.7	97.89
12-Mar-88	42.6		39.8	93.43
15-Mar-88	42.6		38.2	89.67
06-Apr-88	42.6		41.9	98.36
06-Apr-88	42.6		41.6	97.65
07-Apr-88	42.6		41.9	98.36
08-Apr-88	42.6		39.0	91.55
11-Apr-88	42.6		42.3	99.30
12-Apr-88	42.6		41.3	96.95
15-Apr-88	42.7		38.0	89.08
15-Apr-88	42.6		38.0	89.20
18-Apr-88	42.6		40.3	94.60
18-Apr-88	42.6		40.3	94.67
19-Apr-88	42.6		45.5	106.81
19-Apr-88	42.6		45.5	106.81
20-Apr-88	42.6		38.7	90.85
21-Apr-88	42.6		36.6	85.92

Number of Samples = 26 Mean % Recovery = 95.8 CV (%) = 7.8

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: EPA method 602				
Matrix: Aqueous				
Analyte = o-Xylene				
Type of Control Sample = Control Sample.				
25-Feb-88	10.6		9.8	92.45
26-Feb-88	10.6		12.2	115.09
29-Feb-88	10.6		12.1	114.15
01-Mar-88	10.6		11.0	103.77
02-Mar-88	10.6		1.3	12.08
03-Mar-88	10.6		11.9	112.26
04-Mar-88	10.6		11.3	106.60
05-Mar-88	10.6		10.1	95.28
10-Mar-88	10.6		10.9	102.83
11-Mar-88	10.6		11.0	103.77
12-Mar-88	10.6		10.5	99.06
15-Mar-88	10.6		10.2	96.23
06-Apr-88	10.6		11.0	103.77
06-Apr-88	10.6		10.9	102.83
07-Apr-88	10.6		11.0	103.77
08-Apr-88	10.6		10.2	96.23
11-Apr-88	10.6		10.8	101.89
12-Apr-88	10.6		10.9	102.83
15-Apr-88	10.6		10.1	95.28
15-Apr-88	10.6		10.1	95.28
18-Apr-88	10.6		10.5	99.06
18-Apr-88	10.6		10.5	99.34
19-Apr-88	10.6		11.7	110.38
19-Apr-88	10.6		11.7	110.38
20-Apr-88	10.6		10.1	95.28
21-Apr-88	10.6		9.6	90.57

Number of Samples = 26 Mean % Recovery = 98.5 CV (%) = 19.1

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 602
Matrix: Aqueous
Analyte = p-Xylene

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
25-Feb-88	19.1		17.5	91.62
26-Feb-88	19.1		23.7	124.08
29-Feb-88	19.1		23.3	121.99
01-Mar-88	19.1		20.9	109.42
02-Mar-88	19.1		24.0	125.65
03-Mar-88	19.1		22.6	118.32
04-Mar-88	19.1		21.6	113.09
05-Mar-88	19.1		19.4	101.57
10-Mar-88	19.1		20.6	107.85
11-Mar-88	19.1		20.3	106.28
12-Mar-88	19.1		19.5	102.09
15-Mar-88	19.1		18.9	98.95
06-Apr-88	19.1		20.7	108.38
06-Apr-88	21.1		19.1	90.52
07-Apr-88	19.1		20.7	108.38
08-Apr-88	19.1		19.7	103.14
11-Apr-88	19.1		20.9	109.42
12-Apr-88	19.1		20.6	107.85
15-Apr-88	19.1		18.6	97.38
15-Apr-88	19.1		18.6	97.38
18-Apr-88	19.1		20.0	104.71
18-Apr-88	19.1		20.0	104.71
19-Apr-88	19.1		22.0	115.18
19-Apr-88	19.1		22.0	115.18
20-Apr-88	19.1		19.2	100.52
21-Apr-88	19.1		18.1	94.76

Number of Samples = 26 Mean % Recovery = 106.9 CV (%) = 8.8

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Fluoride, SIE
Matrix: Aqueous
Analyte = F_SIE

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
03-Mar-88	0.87		0.9	102.30
03-Mar-88	0.87		0.8	96.55
03-Mar-88	0.87		0.9	100.00
04-Mar-88	0.87		0.8	91.95
04-Mar-88	0.87		0.8	90.80
09-Mar-88	0.87		0.8	91.95
09-Mar-88	0.87		0.8	91.95
09-Mar-88	0.87		0.8	90.80
16-Apr-88	2.2		2.2	101.39
16-Apr-88	2.2		2.0	94.91
18-Apr-88	2.2		2.1	98.15
18-Apr-88	2.2		2.1	97.22
18-Apr-88	2.2		2.2	100.46
18-Apr-88	2.2		2.1	95.83
18-Apr-88	2.2		2.1	97.69
18-Apr-88	2.2		2.1	97.69
18-Apr-88	2.2		2.1	98.15
18-Apr-88	2.2		2.1	95.83
18-Apr-88	2.2		2.1	97.69
18-Apr-88	2.2		2.2	100.46
18-Apr-88	2.2		2.1	97.22
18-Apr-88	2.2		2.1	97.69
18-Apr-88	2.2		2.1	95.83
18-Apr-88	2.2		2.1	97.69
19-Apr-88	2.2		2.2	99.54
19-Apr-88	2.2		2.2	99.54
19-Apr-88	2.2		2.1	97.69

Number of Samples = 27 Mean % Recovery = 96.9 CV (%) = 3.3

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Fluoride, SIE				
Matrix: Municipal Sludge				
Analyte = F_SIE				
Type of Control Sample = Control Sample.				
03-Mar-88	0.87		0.8	96.55
03-Mar-88	0.87		0.8	96.55
03-Mar-88	0.87		0.9	108.05
03-Mar-88	0.87		0.9	108.05
03-Mar-88	0.87		0.9	102.30
03-Mar-88	0.87		0.9	101.15
04-Mar-88	0.87		0.8	90.80
04-Mar-88	0.87		0.8	91.95
04-Mar-88	0.87		0.8	91.95
04-Mar-88	0.87		0.9	91.95
15-Apr-88	2.2		2.2	101.39
15-Apr-88	2.2		2.1	99.07
15-Apr-88	2.2		2.1	99.07
Number of Samples = 13	Mean % Recovery = 98.4		CV (%) = 5.9	
Method: Hydrocarbons, Total				
Matrix: Aqueous				
Analyte = HC				
Type of Control Sample = Control Sample.				
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		209.0	103.47
Number of Samples = 3	Mean % Recovery = 104.5		CV (%) = .8	

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Hydrocarbons, Total				
Matrix: Aqueous				
Analyte = HC_IR				
Type of Control Sample = Control Sample.				
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		213.0	105.44
11-Mar-88	202.0		209.0	103.46
06-Apr-88	212.0		202.0	95.28
06-Apr-88	212.0		205.0	96.70
06-Apr-88	212.0		207.0	97.64
06-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		199.0	93.87
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		205.0	96.70
21-Apr-88	212.0		206.0	97.17
Number of Samples = 15	Mean % Recovery =		98.8	CV (%) = 3.9
Method: Hydrocarbons, Total				
Matrix: Municipal Sludge				
Analyte = HC_IR				
Type of Control Sample = Control Sample.				
27-Feb-88	160.0		150.0	93.75
27-Feb-88	160.0		152.0	95.00
27-Feb-88	160.0		147.0	91.88
27-Feb-88	160.0		152.0	95.00
27-Feb-88	160.0		152.0	95.00
29-Feb-88	202.0		210.0	103.96
29-Feb-88	202.0		209.0	103.47
11-Mar-88	202.0		213.0	105.45
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		211.0	104.46
11-Mar-88	202.0		209.0	103.47
11-Mar-88	202.0		212.0	104.95

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Hydrocarbons, Total				
Matrix: Municipal Sludge				
Analyte = HC_IR				
Type of Control Sample = Control Sample. continued				
06-Apr-88	212.0		205.0	97.64
06-Apr-88	212.0		202.0	95.28
06-Apr-88	212.0		207.0	97.64
Number of Samples = 15	Mean % Recovery =	99.5	CV (%) =	5.0

Method: Mercury, cold vapor
Matrix: Aqueous
Analyte = Hg

Type of Control Sample = Control Sample.

07-Mar-88	0.0040		0.0	95.00
07-Mar-88	0.0040		0.0	100.00
16-Mar-88	0.0040		0.0	115.00
16-Mar-88	0.0040		0.0	120.00
16-Mar-88	0.0040		0.0	115.00
16-Mar-88	0.0040		0.0	120.00
21-Mar-88	0.0040		0.0	102.50
21-Mar-88	0.0040		0.0	95.00
21-Mar-88	0.0040		0.0	105.00
23-Mar-88	0.0040		0.0	105.00
23-Mar-88	0.0040		0.0	110.00
23-Mar-88	0.0040		0.0	105.00
09-Apr-88	0.0040		0.0	115.00
09-Apr-88	0.0040		0.0	110.00
09-Apr-88	0.0040		0.0	110.00
09-Apr-88	0.0040		0.0	115.00
09-Apr-88	0.0040		0.0	105.00
25-Apr-88	0.0040		0.0	85.00
25-Apr-88	0.0040		0.0	115.00
25-Apr-88	0.0040		0.0	120.00
25-Apr-88	0.20		0.2	120.00
25-Apr-88	0.20		0.2	115.00
25-Apr-88	0.20		0.2	120.00
25-Apr-88	0.0040		0.0	105.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Mercury, cold vapor				
Matrix: Aqueous				
Analyte = Hg				
Type of Control Sample = Control Sample. continued				
25-Apr-88	0.0040		0.0	115.00
25-Apr-88	0.0040		0.0	120.00
25-Apr-88	0.0040		0.0	85.00
28-Apr-88	0.20		0.2	99.00
28-Apr-88	0.20		0.2	91.50
28-Apr-88	0.20		0.2	103.00
28-Apr-88	0.0040		0.0	95.00
28-Apr-88	0.0040		0.0	90.00
28-Apr-88	0.0040		0.0	100.00
29-Apr-88	0.20		0.2	95.00
29-Apr-88	0.20		0.2	85.00
29-Apr-88	0.20		0.2	85.00
Number of Samples = 36	Mean % Recovery = 105.2		CV (%) =	10.9
Method: Mercury, cold vapor				
Matrix: Municipal Sludge				
Analyte = Hg				
Type of Control Sample = Control Sample.				
17-Feb-88	0.0040		0.0	105.00
17-Feb-88	0.0040		0.0	115.00
19-Feb-88	1.0		1.1	110.00
19-Feb-88	1.0		1.2	120.00
19-Feb-88	1.0		1.0	95.00
19-Feb-88	1.0		1.2	120.00
27-Feb-88	160.0		152.0	95.00
27-Feb-88	160.0		151.0	94.38
27-Feb-88	160.0		152.0	95.00
27-Feb-88	160.0		147.0	91.88
29-Feb-88	0.0040		0.0	95.00
29-Feb-88	0.0040		0.0	95.00
29-Feb-88	0.0040		0.0	95.00
29-Feb-88	0.0040		0.0	95.00
16-Mar-88	0.0040		0.0	120.00
16-Mar-88	0.0040		0.0	120.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Mercury, cold vapor				
Matrix: Municipal Sludge				
Analyte = Hg				
Type of Control Sample = Control Sample. continued				
16-Mar-88	0.0040		0.0	120.00
16-Mar-88	0.0040		0.0	120.00
16-Mar-88	0.0040		0.0	120.00
16-Mar-88	0.0040		0.0	115.00
21-Mar-88	0.0040		0.0	100.00
21-Mar-88	0.0040		0.0	105.00
21-Mar-88	0.0040		0.0	95.00
28-Apr-88	160.0		152.0	95.00
28-Apr-88	160.0		152.0	95.00
28-Apr-88	160.0		151.0	94.38
28-Apr-88	160.0		147.0	91.88
Number of Samples = 27	Mean % Recovery = 104.2		CV (%) = 10.9	
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Aluminum				
Type of Control Sample = Control Sample.				
07-Jun-88	300.0		299.0	99.67
07-Jun-88	0.97		1.2	123.71
07-Jun-88	150.0		150.0	100.00
07-Jun-88	150.0		150.0	100.00
15-Jun-88	50.0		50.1	100.20
15-Jun-88	150.0		158.0	105.33
16-Jun-88	300.0		285.0	95.00
16-Jun-88	50.0		44.4	88.80
17-Jun-88	150.0		152.0	101.00
17-Jun-88	150.0		149.0	99.00
17-Jun-88	300.0		299.0	100.00
17-Jun-88	150.0		148.0	99.00
17-Jun-88	50.0		46.4	93.00
18-Jun-88	300.0		300.0	100.00
18-Jun-88	150.0		150.0	100.00
18-Jun-88	150.0		151.0	101.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Aluminum				
Type of Control Sample = Control Sample, continued				
18-Jun-88	50.0		47.4	95.00
22-Jun-88	300.0		293.0	97.67
22-Jun-88	150.0		153.0	102.00
22-Jun-88	150.0		154.0	103.00
22-Jun-88	300.0		293.0	98.00
22-Jun-88	50.0		49.2	98.00
23-Jun-88	50.0		49.2	98.40
23-Jun-88	150.0		154.0	102.67
23-Jun-88	150.0		153.0	102.00
23-Jun-88	150.0		149.0	99.00
23-Jun-88	150.0		150.0	100.00
23-Jun-88	150.0		148.0	99.00
23-Jun-88	300.0		298.0	99.00
23-Jun-88	150.0		148.0	99.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	300.0		296.0	98.67
16-Jun-88	50.0		47.2	94.40
16-Jun-88	150.0		152.0	101.33
16-Jun-88	150.0		150.0	100.00
16-Jun-88	4580.0		4580.0	100.00
17-Jun-88	4840.0		4840.0	100.00

Number of Samples = 36 Mean % Recovery = 99.8 CV (%) = 5.1

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Antimony				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	99.30
07-Jun-88	5.0		5.9	118.00
07-Jun-88	5.0		5.9	117.80
07-Jun-88	5.0		5.2	103.80
15-Jun-88	5.0		5.1	101.40
15-Jun-88	5.0		5.1	101.40
16-Jun-88	10.0		9.7	96.50
16-Jun-88	5.0		5.1	102.80
17-Jun-88	5.0		4.8	97.00
17-Jun-88	5.0		5.1	103.00
17-Jun-88	10.0		9.9	99.00
17-Jun-88	5.0		5.4	103.00
17-Jun-88	5.0		4.8	96.00
18-Jun-88	10.0		9.8	98.00
18-Jun-88	5.0		4.9	97.00
18-Jun-88	5.0		4.9	99.00
18-Jun-88	5.0		5.0	101.00
22-Jun-88	10.0		10.0	100.00
22-Jun-88	5.0		4.8	97.00
22-Jun-88	10.0		10.0	100.00
22-Jun-88	5.0		4.9	98.00
22-Jun-88	5.0		5.0	100.00
23-Jun-88	5.0		4.9	97.60
23-Jun-88	5.0		5.0	100.40
23-Jun-88	5.0		4.8	96.80
23-Jun-88	5.0		5.0	99.00
23-Jun-88	5.0		4.9	98.00
23-Jun-88	10.0		10.1	101.00
23-Jun-88	5.0		4.9	97.00
23-Jun-88	5.0		5.0	101.00
30-Jun-88	10.0		9.7	97.10
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	10.0		9.8	98.20
16-Jun-88	5.0		5.0	99.00
16-Jun-88	5.0		5.0	100.60

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Antimony
Type of Control Sample = ICP Interference Check Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
16-Jun-88	5.0		5.0	99.80
16-Jun-88	10.3	<5X	10.3	100.00
17-Jun-88	5.9	ND	5.9	100.00

Number of Samples = 37 Mean % Recovery = 100.4 CV (%) = 4.7

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Arsenic

Type of Control Sample = Control Sample.

25-Apr-88	0.10		0.1	104.00
25-Apr-88	0.10		0.1	90.00
25-Apr-88	0.10		0.1	108.00
25-Apr-88	0.10		0.1	100.00
07-Jun-88	10.0		9.9	99.30
07-Jun-88	5.0		5.1	102.80
07-Jun-88	5.0		4.8	95.00
07-Jun-88	3.5		3.5	100.28
17-Jun-88	5.0		5.2	103.00
17-Jun-88	5.0		4.4	88.00
17-Jun-88	5.0		5.2	103.00
17-Jun-88	10.0		9.5	95.00
17-Jun-88	5.0		4.8	96.00
18-Jun-88	10.0		10.0	100.00
18-Jun-88	5.0		5.4	109.00
18-Jun-88	5.0		5.2	104.00
18-Jun-88	5.0		5.4	108.00
21-Jun-88	5.0		3.8	75.00
21-Jun-88	10.0		10.2	102.00
21-Jun-88	5.0		5.0	100.00
22-Jun-88	10.0		10.4	104.00
22-Jun-88	5.0		4.9	98.40
22-Jun-88	5.0		3.8	76.80
22-Jun-88	5.0		4.8	95.80
22-Jun-88	5.0		4.7	94.60

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Arsenic				
Type of Control Sample = Control Sample. continued				
22-Jun-88	5.0		5.0	100.00
22-Jun-88	10.0		10.2	102.00
22-Jun-88	5.0		4.8	96.00
22-Jun-88	5.0		3.7	74.00
23-Jun-88	5.0		3.7	74.20
23-Jun-88	5.0		5.0	100.00
23-Jun-88	5.0		4.8	96.00
24-Jun-88	5.0		4.8	96.00
24-Jun-88	5.0		4.7	95.00
24-Jun-88	10.0		10.3	103.00
24-Jun-88	5.0		4.7	94.00
24-Jun-88	5.0		3.6	72.00
24-Jun-88	5.0		4.6	91.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	10.0		14.5	145.00
16-Jun-88	5.0		5.7	113.80
16-Jun-88	5.0		5.7	113.60
16-Jun-88	5.0		5.4	108.60
16-Jun-88	47.9	<5X	47.9	100.00
17-Jun-88	29.0	ND	29.0	100.00
Number of Samples = 44	Mean % Recovery =	98.3	CV (%) =	12.5
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Barium				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	99.30
07-Jun-88	5.0		4.7	94.00
07-Jun-88	5.0		4.9	97.40
07-Jun-88	5.0		4.7	94.60
15-Jun-88	5.0		5.2	103.40
15-Jun-88	5.0		5.0	99.60

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Barium				
Type of Control Sample = Control Sample. continued				
16-Jun-88	10.0		9.6	95.50
16-Jun-88	5.0		4.8	95.20
17-Jun-88	5.0		5.3	106.00
17-Jun-88	10.0		9.9	99.00
17-Jun-88	5.0		5.3	105.00
17-Jun-88	5.0		5.3	105.00
17-Jun-88	5.0		5.0	100.00
22-Jun-88	10.0		10.0	99.90
22-Jun-88	5.0		4.9	97.00
22-Jun-88	10.0		10.0	100.00
22-Jun-88	5.0		4.9	98.00
22-Jun-88	5.0		5.0	99.00
23-Jun-88	5.0		4.9	97.20
23-Jun-88	5.0		4.9	97.60
23-Jun-88	5.0		5.0	99.20
23-Jun-88	5.0		5.0	100.00
23-Jun-88	10.0		9.9	99.00
23-Jun-88	5.0		5.0	100.00
23-Jun-88	5.0		5.0	99.00
23-Jun-88	5.0		5.0	100.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.44		0.5	104.55
10-Jun-88	0.44		0.5	104.55
10-Jun-88	0.44		0.4	100.00
16-Jun-88	0.48		0.4	88.31
16-Jun-88	10.0		9.9	99.50
16-Jun-88	0.44		0.5	104.99
16-Jun-88	0.44		0.5	102.04
16-Jun-88	0.48		0.4	91.44
16-Jun-88	0.48		0.4	87.68
16-Jun-88	0.44		0.4	101.13
16-Jun-88	5.0		5.1	102.40
16-Jun-88	5.0		5.4	107.40
16-Jun-88	5.0		5.3	106.60
16-Jun-88	474.0		474.0	100.00
17-Jun-88	0.44		0.4	100.90

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Barium				
Type of Control Sample = ICP Interference Check Sample. continued				
17-Jun-88	0.44		0.5	103.40
17-Jun-88	0.44		0.5	102.26
17-Jun-88	0.44		0.4	97.96
18-Jun-88	0.44		0.4	100.22
18-Jun-88	0.44		0.5	102.26
18-Jun-88	0.44		0.4	99.77
18-Jun-88	0.44		0.5	102.49
22-Jun-88	0.44		0.4	99.09
22-Jun-88	0.44		0.5	102.04
22-Jun-88	0.44		0.4	100.90
23-Jun-88	0.46		0.5	100.65
23-Jun-88	0.46		0.4	95.24
23-Jun-88	0.46		0.4	95.89
23-Jun-88	0.44		0.4	100.90
23-Jun-88	0.44		0.5	102.04
23-Jun-88	0.44		0.4	99.09
23-Jun-88	0.44		0.4	100.22
23-Jun-88	0.44		0.4	99.32
23-Jun-88	0.44		0.4	98.41
Number of Samples = 60	Mean % Recovery =		99.7	CV (%) = 3.8
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Beryllium				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	98.80
07-Jun-88	5.0		4.6	92.80
07-Jun-88	5.0		4.8	97.00
07-Jun-88	5.0		4.7	93.60
15-Jun-88	5.0		5.1	101.80
15-Jun-88	5.0		4.9	97.60
16-Jun-88	10.0		9.5	95.20
16-Jun-88	5.0		4.8	96.20
17-Jun-88	10.0		10.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Beryllium				
Type of Control Sample = Control Sample. continued				
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		5.2	105.00
17-Jun-88	5.0		5.2	105.00
17-Jun-88	5.0		5.0	99.00
22-Jun-88	10.0		9.9	99.30
22-Jun-88	5.0		4.8	96.00
22-Jun-88	10.0		9.9	99.00
22-Jun-88	5.0		480.0	96.00
22-Jun-88	5.0		5.0	99.00
23-Jun-88	5.0		5.0	99.40
23-Jun-88	5.0		4.8	96.20
23-Jun-88	5.0		4.8	96.00
23-Jun-88	10.0		9.8	98.00
23-Jun-88	5.0		4.9	98.00
23-Jun-88	5.0		5.0	99.00
23-Jun-88	5.0		5.0	100.00
23-Jun-88	5.0		5.0	100.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.45		0.5	106.67
10-Jun-88	0.45		0.5	106.67
10-Jun-88	0.45		0.5	100.00
16-Jun-88	0.47		0.4	89.34
16-Jun-88	0.47		0.4	87.63
16-Jun-88	10.0		10.0	99.60
16-Jun-88	0.45		0.5	101.99
16-Jun-88	0.45		0.5	103.32
16-Jun-88	0.45		0.5	102.43
16-Jun-88	0.47		0.4	90.83
16-Jun-88	5.0		5.4	108.80
16-Jun-88	5.0		5.4	108.00
16-Jun-88	5.0		5.2	103.40
16-Jun-88	0.10	ND	0.1	100.00
17-Jun-88	0.45		0.4	96.46
17-Jun-88	0.45		0.5	99.78
17-Jun-88	0.45		0.5	100.88
17-Jun-88	0.45		0.4	98.01

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Beryllium				
Type of Control Sample = ICP Interference Check Sample. continued				
18-Jun-88	0.45		0.4	98.45
18-Jun-88	0.45		0.4	98.23
18-Jun-88	0.45		0.5	100.22
18-Jun-88	0.45		0.4	96.24
22-Jun-88	0.45		0.4	99.12
22-Jun-88	0.45		0.4	98.89
22-Jun-88	0.45		0.5	100.22
23-Jun-88	0.48		0.5	94.55
23-Jun-88	0.48		0.5	100.84
23-Jun-88	0.48		0.4	93.29
23-Jun-88	0.45		0.5	100.22
23-Jun-88	0.45		0.4	98.89
23-Jun-88	0.45		0.4	99.12
23-Jun-88	0.45		0.4	98.45
23-Jun-88	0.45		0.4	98.89
23-Jun-88	0.45		0.4	98.45
Number of Samples = 60	Mean % Recovery =	99.0	CV (%) =	4.1
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Boron				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.7	97.20
07-Jun-88	5.0		5.0	99.20
07-Jun-88	2.5		2.3	90.80
07-Jun-88	5.0		5.0	100.60
16-Jun-88	2.5		2.4	97.20
16-Jun-88	10.0		9.6	96.20
17-Jun-88	5.0		4.6	92.00
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		4.7	94.00
17-Jun-88	5.0		4.7	94.00
17-Jun-88	2.5	<5X	2.3	93.00
18-Jun-88	10.0		10.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Boron				
Type of Control Sample = Control Sample. continued				
18-Jun-88	5.0		5.0	101.00
18-Jun-88	5.0		5.0	100.00
18-Jun-88	2.5	<5X	2.5	102.00
21-Jun-88	5.0		5.0	100.00
21-Jun-88	2.5		2.6	103.00
21-Jun-88	10.0		10.1	101.00
22-Jun-88	10.0		9.9	98.70
22-Jun-88	5.0		5.0	100.00
22-Jun-88	10.0		9.9	99.00
22-Jun-88	5.0		5.2	103.00
22-Jun-88	2.5		2.5	100.00
23-Jun-88	5.0		5.2	103.40
23-Jun-88	5.0		5.0	100.20
23-Jun-88	2.5		2.5	99.60
24-Jun-88	5.0		5.1	101.00
24-Jun-88	10.0		10.0	100.00
24-Jun-88	5.0		5.0	100.00
24-Jun-88	5.0		5.0	100.00
24-Jun-88	5.0		5.0	101.00
24-Jun-88	5.0		5.0	100.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	10.0		9.9	99.00
16-Jun-88	5.0		4.6	92.60
16-Jun-88	5.0		4.3	86.80
16-Jun-88	2.5	<5X	2.3	92.80
16-Jun-88	0.60	ND	0.6	100.00
17-Jun-88	59.0	ND	59.0	100.00

Number of Samples = 38 Mean % Recovery = 98.4 CV (%) = 3.8

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Cadmium				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	98.80
07-Jun-88	5.0		4.8	96.80
07-Jun-88	5.0		4.6	92.00
07-Jun-88	5.0		4.6	91.80
15-Jun-88	5.0		4.9	98.20
15-Jun-88	5.0		5.2	104.40
16-Jun-88	50.0		4.9	9.72
16-Jun-88	10.0		9.7	97.10
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		5.3	105.00
17-Jun-88	5.0		5.2	105.00
17-Jun-88	5.0		5.2	105.00
17-Jun-88	5.0		5.1	102.00
22-Jun-88	10.0		9.9	99.50
22-Jun-88	10.0		9.9	100.00
22-Jun-88	5.0		4.9	98.00
22-Jun-88	5.0		4.9	98.00
22-Jun-88	5.0		5.1	102.00
23-Jun-88	5.0		5.1	101.60
23-Jun-88	5.0		4.9	97.60
23-Jun-88	5.0		4.9	97.80
23-Jun-88	5.0		5.1	102.00
23-Jun-88	5.0		5.1	101.00
23-Jun-88	10.0		9.8	98.00
23-Jun-88	5.0		5.0	99.00
23-Jun-88	5.0		5.2	104.00
18-Jul-88	5.0		5.3	105.60
18-Jul-88	5.0		5.5	109.20
18-Jul-88	5.0		5.1	101.60
18-Jul-88	10.0		10.0	99.80
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.84		0.8	97.62
10-Jun-88	0.84		0.9	102.38
10-Jun-88	0.84		0.9	104.76
16-Jun-88	0.84		0.9	107.03

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Cadmium
Type of Control Sample = ICP Interference Check Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
16-Jun-88	0.94		0.9	95.32
16-Jun-88	10.0		9.9	99.10
16-Jun-88	0.84		0.9	105.84
16-Jun-88	0.94		0.9	92.98
16-Jun-88	0.84		0.9	106.20
16-Jun-88	5.0		5.3	107.00
16-Jun-88	5.0		5.6	111.80
16-Jun-88	5.0		5.5	110.00
16-Jun-88	0.84		0.9	102.01
16-Jun-88	0.84		0.8	99.29
16-Jun-88	0.84		0.9	102.13
16-Jun-88	17.1		17.1	100.00
17-Jun-88	0.84		0.9	102.86
17-Jun-88	0.84		0.8	97.74
17-Jun-88	0.84		0.9	102.02
17-Jun-88	0.84		0.9	102.02
18-Jun-88	0.84		0.9	105.12
18-Jun-88	0.84		0.8	94.52
18-Jun-88	0.84		0.8	101.07
18-Jun-88	0.84		0.8	99.05
22-Jun-88	0.84		0.9	104.64
22-Jun-88	0.84		0.9	102.26
22-Jun-88	0.84		0.9	103.69
23-Jun-88	0.88		0.8	90.67
23-Jun-88	0.88		0.9	100.68
23-Jun-88	0.88		0.8	92.38
23-Jun-88	0.84		0.9	103.69
23-Jun-88	0.84		0.9	102.26
23-Jun-88	0.84		0.9	104.64
23-Jun-88	0.84		0.8	100.00
23-Jun-88	0.84		0.8	100.00
23-Jun-88	0.84		0.9	101.90

Number of Samples = 66 Mean % Recovery = 99.6 CV (%) = 12.1

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Calcium				
Type of Control Sample = Control Sample.				
07-Jun-88	300.0		300.0	100.00
07-Jun-88	40.6		42.8	105.42
07-Jun-88	150.0		148.0	98.67
07-Jun-88	150.0		149.0	99.33
16-Jun-88	300.0		288.0	96.00
16-Jun-88	50.0		45.7	91.40
17-Jun-88	300.0		300.0	100.00
17-Jun-88	150.0		144.0	96.00
17-Jun-88	150.0		146.0	97.00
17-Jun-88	150.0		142.0	95.00
17-Jun-88	50.0		47.1	94.00
18-Jun-88	300.0		300.0	100.00
18-Jun-88	150.0		148.0	99.00
18-Jun-88	150.0		149.0	99.00
18-Jun-88	50.0		48.8	98.00
21-Jun-88	50.0		51.1	102.00
21-Jun-88	300.0		305.0	102.00
21-Jun-88	150.0		153.0	102.00
22-Jun-88	300.0		294.0	98.00
22-Jun-88	150.0		153.0	102.00
22-Jun-88	300.0		294.0	98.00
22-Jun-88	150.0		151.0	101.00
22-Jun-88	50.0		51.0	102.00
23-Jun-88	150.0		153.0	102.00
23-Jun-88	50.0		51.0	102.00
23-Jun-88	150.0		151.0	100.67
24-Jun-88	300.0		301.0	100.00
24-Jun-88	150.0		147.0	98.00
24-Jun-88	150.0		151.0	101.00
24-Jun-88	150.0		149.0	99.00
24-Jun-88	150.0		151.0	101.00
24-Jun-88	150.0		152.0	101.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	300.0		302.0	100.67
16-Jun-88	150.0		149.0	99.33

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Calcium				
Type of Control Sample = ICP Interference Check Sample. continued				
16-Jun-88	50.0		49.6	99.20
16-Jun-88	150.0		152.0	101.33
16-Jun-88	18900.0		18900.0	100.00
17-Jun-88	19700.0		19700.0	100.00
Number of Samples = 38	Mean % Recovery =		99.5	CV (%) = 2.6
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Chromium				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	98.60
07-Jun-88	5.0		4.7	94.80
07-Jun-88	5.0		4.8	95.40
07-Jun-88	5.0		4.7	94.80
15-Jun-88	5.0		4.7	94.80
16-Jun-88	10.0		9.6	95.50
16-Jun-88	50.0		4.7	9.36
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		4.8	96.00
22-Jun-88	10.0		9.9	99.40
22-Jun-88	5.0		4.9	99.00
22-Jun-88	10.0		9.9	99.00
22-Jun-88	5.0		4.9	98.00
22-Jun-88	5.0		4.9	98.00
23-Jun-88	5.0		4.9	98.00
23-Jun-88	5.0		4.9	98.40
23-Jun-88	5.0		4.9	98.60
23-Jun-88	5.0		4.9	97.00
23-Jun-88	5.0		4.8	95.00
23-Jun-88	10.0		9.8	98.00
23-Jun-88	5.0		4.8	97.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Chromium				
Type of Control Sample = Control Sample. continued				
23-Jun-88	5.0		4.9	99.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.91		0.9	94.51
10-Jun-88	0.91		0.9	103.30
10-Jun-88	0.91		0.9	103.30
16-Jun-88	0.91		0.9	101.98
16-Jun-88	0.91		0.9	102.85
16-Jun-88	0.89		0.8	93.24
16-Jun-88	0.91		0.9	101.76
16-Jun-88	10.0		10.0	99.60
16-Jun-88	0.89		0.8	90.54
16-Jun-88	0.89		0.8	89.19
16-Jun-88	5.0		5.4	107.60
16-Jun-88	5.0		5.1	101.00
16-Jun-88	5.0		5.4	108.60
16-Jun-88	177.0		177.0	100.00
17-Jun-88	0.91		0.9	100.43
17-Jun-88	0.91		0.9	93.30
17-Jun-88	0.91		0.9	97.26
17-Jun-88	0.91		0.9	95.61
18-Jun-88	0.91		0.9	98.13
18-Jun-88	0.91		0.9	100.65
18-Jun-88	0.91		0.8	90.89
18-Jun-88	0.91		0.9	97.69
22-Jun-88	0.91		0.9	100.32
22-Jun-88	0.91		0.9	101.53
22-Jun-88	0.91		0.9	100.10
23-Jun-88	0.91		0.9	96.26
23-Jun-88	0.91		0.9	94.50
23-Jun-88	0.91		0.9	103.08
23-Jun-88	0.91		0.9	100.10
23-Jun-88	0.91		0.9	100.32
23-Jun-88	0.91		0.9	101.53
23-Jun-88	0.91		0.9	95.50
23-Jun-88	0.91		0.9	98.46
23-Jun-88	0.91		0.9	97.26

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Chromium
Type of Control Sample = ICP Interference Check Sample. continued

Number of Samples = 59 Mean % Recovery = 97.1 CV (%) = 12.6

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Cobalt

Type of Control Sample = Control Sample.

07-Jun-88	10.0		9.8	98.40
07-Jun-88	5.0		4.5	90.80
07-Jun-88	5.0		4.6	92.20
07-Jun-88	5.0		4.5	90.00
15-Jun-88	5.0		4.9	98.20
15-Jun-88	5.0		5.3	107.00
16-Jun-88	10.0		9.6	95.70
16-Jun-88	50.0		4.7	9.34
17-Jun-88	5.0		5.1	102.00
17-Jun-88	5.0		5.1	101.00
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		5.1	101.00
17-Jun-88	5.0		4.8	95.00
18-Jun-88	10.0		10.1	101.00
18-Jun-88	5.0		5.5	109.00
18-Jun-88	5.0		5.5	109.00
18-Jun-88	5.0		5.1	102.00
22-Jun-88	10.0		9.9	99.20
22-Jun-88	5.0		4.6	93.00
22-Jun-88	5.0		467.0	93.00
22-Jun-88	10.0		9.9	99.00
22-Jun-88	5.0		4.7	94.00
23-Jun-88	5.0		4.7	94.20
23-Jun-88	5.0		4.6	92.80
23-Jun-88	5.0		4.7	93.40
23-Jun-88	5.0		4.7	95.00
23-Jun-88	5.0		4.6	93.00
23-Jun-88	10.0		9.9	99.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Cobalt				
Type of Control Sample = Control Sample. continued				
23-Jun-88	5.0		4.7	95.00
23-Jun-88	5.0		4.8	96.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.43		0.4	102.33
10-Jun-88	0.43		0.4	102.33
10-Jun-88	0.43		0.4	93.02
10-Jun-88	0.43		0.4	97.67
10-Jun-88	0.43		0.4	95.35
16-Jun-88	0.43		0.4	96.25
16-Jun-88	0.43		0.4	97.66
16-Jun-88	0.43		0.4	98.83
16-Jun-88	0.45		0.4	90.22
16-Jun-88	0.45		0.4	91.11
16-Jun-88	0.45		0.4	94.22
16-Jun-88	10.0		10.0	99.70
16-Jun-88	5.0		5.2	104.80
16-Jun-88	5.0		5.2	104.80
16-Jun-88	5.0		4.9	98.40
16-Jun-88	7.0		7.0	100.00
17-Jun-88	0.43		0.4	97.89
17-Jun-88	0.43		0.4	99.53
17-Jun-88	0.43		0.4	93.21
17-Jun-88	0.43		0.4	90.87
17-Jun-88	6.3		6.3	100.00
18-Jun-88	0.43		0.5	111.00
18-Jun-88	0.43		0.5	105.62
18-Jun-88	0.43		0.4	104.44
22-Jun-88	0.43		0.4	99.06
22-Jun-88	0.43		0.4	93.68
22-Jun-88	0.43		0.4	93.44
23-Jun-88	0.42		0.4	94.33
23-Jun-88	0.42		0.4	96.93
23-Jun-88	0.42		0.4	102.84
23-Jun-88	0.43		0.4	93.68
23-Jun-88	0.43		0.4	99.06
23-Jun-88	0.43		0.4	93.44

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Cobalt				
Type of Control Sample = ICP Interference Check Sample. continued				
23-Jun-88	0.43		0.4	90.63
23-Jun-88	0.43		0.4	91.80
23-Jun-88	0.43		0.4	91.80
Number of Samples = 66	Mean % Recovery =	96.2	CV (%) =	12.4
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Copper				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	99.20
07-Jun-88	5.0		4.5	90.20
07-Jun-88	5.0		4.5	90.20
07-Jun-88	5.0		4.5	89.80
15-Jun-88	5.0		4.9	97.40
15-Jun-88	5.0		5.2	104.80
16-Jun-88	10.0		9.5	94.80
16-Jun-88	50.0		4.6	9.26
17-Jun-88	5.0		5.3	106.00
17-Jun-88	5.0		5.3	106.00
17-Jun-88	5.0		5.3	106.00
17-Jun-88	10.0		9.9	99.00
17-Jun-88	5.0		4.8	96.00
22-Jun-88	10.0		9.9	99.50
22-Jun-88	10.0		9.9	100.00
22-Jun-88	5.0		4.6	91.00
22-Jun-88	5.0		4.6	92.00
22-Jun-88	5.0		4.6	92.00
23-Jun-88	5.0		4.6	92.00
23-Jun-88	5.0		4.6	91.40
23-Jun-88	5.0		4.6	92.20
23-Jun-88	5.0		4.7	94.00
23-Jun-88	5.0		4.8	95.00
23-Jun-88	5.0		4.8	96.00
23-Jun-88	10.0		9.9	99.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Copper				
Type of Control Sample = Control Sample. continued				
23-Jun-88	5.0		4.8	96.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.43		0.4	95.35
10-Jun-88	0.43		0.5	106.98
10-Jun-88	0.43		0.5	106.98
16-Jun-88	0.55		0.5	89.17
16-Jun-88	0.55		0.5	87.91
16-Jun-88	0.55		0.5	93.32
16-Jun-88	0.43		0.4	101.15
16-Jun-88	0.43		0.4	102.30
16-Jun-88	0.43		0.5	104.61
16-Jun-88	10.0		9.9	99.40
16-Jun-88	5.0		5.1	101.00
16-Jun-88	5.0		5.3	106.80
16-Jun-88	5.0		5.4	107.40
16-Jun-88	998.0		998.0	100.00
17-Jun-88	0.43		0.4	94.47
17-Jun-88	0.43		0.4	100.46
17-Jun-88	0.43		0.4	97.00
17-Jun-88	0.43		0.5	104.14
18-Jun-88	0.43		0.4	101.84
18-Jun-88	0.43		0.4	93.09
18-Jun-88	0.43		0.5	103.91
18-Jun-88	0.43		0.5	104.37
22-Jun-88	0.43		0.5	104.14
22-Jun-88	0.43		0.4	100.23
22-Jun-88	0.43		0.5	105.29
23-Jun-88	0.44		0.5	104.73
23-Jun-88	0.44		0.4	92.34
23-Jun-88	0.44		0.4	89.64
23-Jun-88	0.43		0.4	100.23
23-Jun-88	0.43		0.5	105.29
23-Jun-88	0.43		0.5	104.14
23-Jun-88	0.43		0.4	100.69
23-Jun-88	0.43		0.4	97.69
23-Jun-88	0.43		0.4	100.69

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Copper
Type of Control Sample = ICP Interference Check Sample. continued

Number of Samples = 60 Mean % Recovery = 97.1 CV (%) = 13.2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Iron

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
07-Jun-88	200.0		200.0	100.00
07-Jun-88	100.0		97.3	97.30
07-Jun-88	100.0		94.3	94.30
07-Jun-88	5.0		4.7	94.60
15-Jun-88	100.0		100.0	100.00
15-Jun-88	50.0		48.5	97.00
17-Jun-88	200.0		198.0	99.00
17-Jun-88	100.0		91.0	91.00
17-Jun-88	100.0		92.4	92.00
17-Jun-88	100.0		94.0	94.00
17-Jun-88	50.0		44.8	90.00
18-Jun-88	200.0		200.0	100.00
18-Jun-88	100.0		93.8	94.00
18-Jun-88	100.0		95.1	95.00
18-Jun-88	50.0		46.2	92.00
22-Jun-88	100.0		93.6	93.60
22-Jun-88	100.0		94.4	94.40
22-Jun-88	200.0		202.0	101.00
22-Jun-88	50.0		46.9	93.80
22-Jun-88	100.0		95.1	95.10
22-Jun-88	100.0		94.7	95.00
22-Jun-88	100.0		94.5	95.00
22-Jun-88	200.0		202.0	101.00
22-Jun-88	50.0		47.5	95.00
23-Jun-88	100.0		94.7	94.70
23-Jun-88	50.0		47.5	95.00
23-Jun-88	100.0		94.5	94.50
23-Jun-88	200.0		202.0	101.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Iron				
Type of Control Sample = Control Sample. continued				
23-Jun-88	100.0		93.3	93.00
23-Jun-88	100.0		92.2	92.00
23-Jun-88	100.0		92.2	92.00
23-Jun-88	10.0		93.0	93.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	200.0		199.0	99.50
16-Jun-88	50.0		46.0	92.00
16-Jun-88	100.0		94.0	94.00
16-Jun-88	100.0		95.0	95.00
16-Jun-88	15400.0		15400.0	100.00
17-Jun-88	16000.0		16000.0	100.00
Number of Samples = 38	Mean % Recovery =		95.5	CV (%) = 3.3
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Lead				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.8	97.80
07-Jun-88	5.0		4.9	97.80
07-Jun-88	5.0		4.6	91.20
07-Jun-88	5.0		4.4	88.60
15-Jun-88	5.0		4.9	97.60
15-Jun-88	5.0		4.6	91.20
16-Jun-88	10.0		9.6	96.40
17-Jun-88	10.0		10.1	101.00
17-Jun-88	5.0		4.6	92.00
17-Jun-88	5.0		5.0	100.00
17-Jun-88	5.0		4.7	95.00
17-Jun-88	5.0		4.9	99.00
18-Jun-88	10.0		10.0	100.00
18-Jun-88	5.0		4.8	96.00
18-Jun-88	5.0		4.8	96.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Lead				
Type of Control Sample = Control Sample. continued				
18-Jun-88	5.0		5.2	104.00
22-Jun-88	10.0		10.0	99.60
22-Jun-88	5.0		4.9	97.00
22-Jun-88	10.0		10.0	100.00
22-Jun-88	5.0		4.8	96.00
22-Jun-88	5.0		4.8	96.00
23-Jun-88	5.0		4.8	96.20
23-Jun-88	5.0		4.9	97.20
23-Jun-88	5.0		4.8	96.20
23-Jun-88	5.0		4.8	95.00
23-Jun-88	5.0		4.9	97.00
23-Jun-88	5.0		5.0	99.00
23-Jun-88	10.0		9.8	98.00
23-Jun-88	5.0		5.1	101.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	10.0		10.0	99.60
16-Jun-88	5.0		4.9	98.40
16-Jun-88	5.0		5.1	101.80
16-Jun-88	5.0		4.5	90.80
16-Jun-88	484.0		484.0	100.00
17-Jun-88	516.0		516.0	100.00

Number of Samples = 35 Mean % Recovery = 97.2 CV (%) = 3.5

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Magnesium				
Type of Control Sample = Control Sample.				
07-Jun-88	300.0		300.0	100.00
07-Jun-88	8.4		8.6	102.38
07-Jun-88	150.0		149.0	99.33
07-Jun-88	150.0		149.0	99.33
15-Jun-88	150.0		154.0	102.67
15-Jun-88	50.0		49.4	98.80
16-Jun-88	50.0		45.0	90.00
16-Jun-88	300.0		284.0	94.67
17-Jun-88	150.0		148.0	99.00
17-Jun-88	150.0		145.0	97.00
17-Jun-88	300.0		298.0	99.00
17-Jun-88	150.0		144.0	96.00
17-Jun-88	50.0		47.8	96.00
18-Jun-88	300.0		298.0	99.00
18-Jun-88	150.0		145.0	97.00
18-Jun-88	150.0		148.0	99.00
18-Jun-88	50.0		46.8	94.00
22-Jun-88	300.0		299.0	99.67
22-Jun-88	300.0		299.0	100.00
22-Jun-88	150.0		153.0	102.00
22-Jun-88	150.0		152.0	101.00
22-Jun-88	50.0		49.8	100.00
23-Jun-88	50.0		49.8	99.60
23-Jun-88	150.0		153.0	102.00
23-Jun-88	150.0		152.0	101.33
23-Jun-88	150.0		149.0	99.00
23-Jun-88	150.0		148.0	99.00
23-Jun-88	300.0		305.0	102.00
23-Jun-88	150.0		150.0	100.00
23-Jun-88	150.0		150.0	100.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	300.0		300.0	100.00
16-Jun-88	150.0		149.0	99.33
16-Jun-88	150.0		148.0	98.67
16-Jun-88	50.0		47.1	94.20

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Magnesium				
Type of Control Sample = ICP Interference Check Sample. continued				
16-Jun-88	3420.0		3420.0	100.00
17-Jun-88	3590.0		3590.0	100.00
Number of Samples = 36	Mean % Recovery =	98.9	CV (%) =	2.7
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Manganese				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	98.90
07-Jun-88	5.0		4.8	96.60
07-Jun-88	5.0		4.7	94.40
07-Jun-88	5.0		4.7	94.60
15-Jun-88	5.0		4.9	98.20
15-Jun-88	5.0		5.3	105.00
16-Jun-88	50.0		4.7	9.38
16-Jun-88	10.0		9.6	95.50
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		4.9	99.00
22-Jun-88	10.0		9.9	99.40
22-Jun-88	5.0		4.9	98.00
22-Jun-88	10.0		9.9	99.00
22-Jun-88	5.0		4.9	98.00
22-Jun-88	5.0		4.9	98.00
23-Jun-88	5.0		4.9	97.80
23-Jun-88	5.0		4.9	98.00
23-Jun-88	5.0		4.9	98.00
23-Jun-88	5.0		4.8	97.00
23-Jun-88	5.0		4.9	99.00
23-Jun-88	5.0		4.9	99.00
23-Jun-88	10.0		9.8	98.00
23-Jun-88	5.0		5.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Manganese				
Type of Control Sample = ICP Interference Check Sample. continued				
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.44		0.4	95.45
10-Jun-88	0.44		0.5	102.27
10-Jun-88	0.44		0.5	102.27
16-Jun-88	0.44		0.5	103.18
16-Jun-88	0.45		0.4	90.65
16-Jun-88	10.0		10.0	99.60
16-Jun-88	0.45		0.4	89.31
16-Jun-88	0.45		0.4	93.10
16-Jun-88	0.44		0.4	101.36
16-Jun-88	0.44		0.4	101.14
16-Jun-88	5.0		5.4	107.20
16-Jun-88	5.0		5.4	108.00
16-Jun-88	5.0		5.1	101.80
16-Jun-88	194.0	ND	194.0	100.00
17-Jun-88	0.44		0.5	102.72
17-Jun-88	0.44		0.4	100.90
17-Jun-88	0.44		0.4	100.00
17-Jun-88	0.44		0.4	96.14
18-Jun-88	0.44		0.4	100.68
18-Jun-88	0.44		0.4	99.55
18-Jun-88	0.44		0.4	97.73
18-Jun-88	0.44		0.5	103.86
22-Jun-88	0.44		0.4	101.13
22-Jun-88	0.44		0.4	100.68
22-Jun-88	0.44		0.4	101.59
23-Jun-88	0.46		0.4	94.08
23-Jun-88	0.46		0.5	99.56
23-Jun-88	0.46		0.4	92.11
23-Jun-88	0.44		0.4	100.68
23-Jun-88	0.44		0.4	101.59
23-Jun-88	0.44		0.4	101.13
23-Jun-88	0.44		0.4	100.00
23-Jun-88	0.44		0.4	97.50
23-Jun-88	0.44		0.4	98.18

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = benzene				
Type of Control Sample = ICP Interference Check Sample. continued				
Number of Samples = 60	Mean % Recovery =	97.8	CV (%) =	12.4
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Molybdenum				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	98.80
07-Jun-88	5.0		4.7	94.60
07-Jun-88	5.0		4.8	96.60
07-Jun-88	5.0		4.7	93.20
15-Jun-88	5.0		5.0	100.00
15-Jun-88	5.0		5.0	100.60
16-Jun-88	5.0		4.7	93.60
16-Jun-88	10.0		9.5	95.30
17-Jun-88	5.0		4.9	97.00
17-Jun-88	5.0		4.6	93.00
17-Jun-88	10.0		9.9	99.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		4.8	95.00
18-Jun-88	10.0		10.1	101.00
18-Jun-88	5.0		4.9	98.00
18-Jun-88	5.0		5.0	99.00
18-Jun-88	5.0		5.1	102.00
22-Jun-88	10.0		9.8	98.40
22-Jun-88	5.0		4.7	94.00
22-Jun-88	10.0		9.8	94.00
22-Jun-88	5.0		4.6	93.00
22-Jun-88	5.0		4.9	97.00
23-Jun-88	5.0		4.6	92.60
23-Jun-88	5.0		4.7	94.00
23-Jun-88	5.0		4.9	97.20
23-Jun-88	5.0		4.7	95.00
23-Jun-88	5.0		4.7	94.00
23-Jun-88	5.0		4.8	95.00
23-Jun-88	10.0		9.7	97.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Molybdenum				
Type of Control Sample = Control Sample. continued				
23-Jun-88	5.0		4.8	97.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	10.0		10.0	99.70
16-Jun-88	5.0		5.5	109.40
16-Jun-88	5.0		5.0	100.80
16-Jun-88	5.0		4.8	96.80
16-Jun-88	5.0	ND	5.0	100.00
17-Jun-88	4.9	ND	4.9	100.00
Number of Samples = 36	Mean % Recovery =	97.4	CV (%) =	3.7
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Nickel				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	99.30
07-Jun-88	5.0		4.7	94.00
07-Jun-88	5.0		4.7	94.20
07-Jun-88	5.0		4.8	96.60
15-Jun-88	5.0		4.9	97.60
15-Jun-88	5.0		5.3	107.00
16-Jun-88	10.0		9.7	97.10
16-Jun-88	5.0		4.8	96.20
17-Jun-88	5.0		5.2	104.00
17-Jun-88	5.0		5.1	103.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		4.9	98.00
22-Jun-88	10.0		9.9	99.20
22-Jun-88	5.0		4.8	97.00
22-Jun-88	5.0		4.8	96.00
22-Jun-88	10.0		9.9	99.00
22-Jun-88	5.0		4.9	97.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Nickel				
Type of Control Sample = Control Sample. continued				
23-Jun-88	5.0		4.8	96.60
23-Jun-88	5.0		4.9	97.40
23-Jun-88	5.0		4.8	96.00
23-Jun-88	5.0		4.8	97.00
23-Jun-88	5.0		4.8	96.00
23-Jun-88	5.0		4.9	98.00
23-Jun-88	10.0		9.9	99.00
23-Jun-88	5.0		5.0	100.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.87		0.8	94.25
10-Jun-88	0.87		0.9	101.15
10-Jun-88	0.87		0.9	102.30
16-Jun-88	0.89		0.8	90.15
16-Jun-88	0.89		0.8	91.04
16-Jun-88	0.89		0.8	93.73
16-Jun-88	0.87		0.9	100.57
16-Jun-88	10.0		10.0	99.70
16-Jun-88	0.87		0.9	101.95
16-Jun-88	0.87		0.9	102.64
16-Jun-88	5.0		5.4	108.20
16-Jun-88	5.0		5.1	102.20
16-Jun-88	5.0		5.4	107.40
16-Jun-88	164.0		164.0	100.00
17-Jun-88	0.87		0.8	95.86
17-Jun-88	0.87		0.8	92.30
17-Jun-88	0.87		0.9	98.97
17-Jun-88	0.87		0.9	98.74
18-Jun-88	0.87		0.9	98.16
18-Jun-88	0.87		0.8	96.09
18-Jun-88	0.87		0.8	89.43
18-Jun-88	0.87		0.9	100.11
22-Jun-88	0.87		0.9	100.57
22-Jun-88	0.87		0.8	97.13
22-Jun-88	0.87		0.9	100.68
23-Jun-88	0.88		0.8	94.99
23-Jun-88	0.88		0.8	96.70

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Nickel				
Type of Control Sample = ICP Interference Check Sample. continued				
23-Jun-88	0.88		0.9	101.25
23-Jun-88	0.87		0.9	100.68
23-Jun-88	0.87		0.9	100.57
23-Jun-88	0.87		0.8	97.13
23-Jun-88	0.87		0.8	95.40
23-Jun-88	0.87		0.8	96.78
23-Jun-88	0.87		0.9	98.39
Number of Samples = 60	Mean % Recovery =		98.4	CV (%) = 3.8

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Potassium

Type of Control Sample = Control Sample.

07-Jun-88	100.0		100.0	100.00
07-Jun-88	10.0		11.3	113.00
07-Jun-88	50.0		53.1	106.20
07-Jun-88	50.0		52.9	105.80
15-Jun-88	50.0		44.2	88.40
15-Jun-88	50.0		48.4	96.80
16-Jun-88	50.0		47.3	94.60
16-Jun-88	100.0		96.1	96.10
17-Jun-88	100.0		98.8	99.00
17-Jun-88	50.0		52.4	105.00
17-Jun-88	50.0		52.2	104.00
17-Jun-88	50.0		51.1	102.00
17-Jun-88	50.0		51.9	104.00
18-Jun-88	100.0		99.6	100.00
18-Jun-88	50.0		51.7	103.00
18-Jun-88	50.0		51.8	104.00
18-Jun-88	50.0		52.4	105.00
22-Jun-88	100.0		98.1	98.10
22-Jun-88	100.0		98.1	98.00
22-Jun-88	50.0		53.0	106.00
22-Jun-88	50.0		53.0	106.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Potassium				
Type of Control Sample = Control Sample. continued				
22-Jun-88	50.0		46.8	94.00
23-Jun-88	50.0		53.0	106.00
23-Jun-88	50.0		53.0	106.00
23-Jun-88	50.0		46.8	93.60
23-Jun-88	50.0		53.5	107.00
23-Jun-88	100.0		99.0	99.00
23-Jun-88	50.0		53.8	108.00
23-Jun-88	50.0		53.8	108.00
23-Jun-88	50.0		52.9	106.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	100.0		98.5	98.50
16-Jun-88	50.0		51.7	103.40
16-Jun-88	50.0		52.0	104.00
16-Jun-88	10.0		9.5	95.10
16-Jun-88	525.0		525.0	100.00
17-Jun-88	587.0		587.0	100.00
Number of Samples = 36	Mean % Recovery = 101.8		CV (%) =	5.1
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Selenium				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.6	96.10
07-Jun-88	5.0		4.9	97.40
07-Jun-88	5.0		5.0	99.40
07-Jun-88	1.0		0.9	91.70
15-Jun-88	5.0		5.4	107.80
15-Jun-88	5.0		5.1	101.00
16-Jun-88	10.0		9.5	95.40
16-Jun-88	5.0		4.7	94.40
17-Jun-88	5.0		5.1	102.00
17-Jun-88	5.0		5.1	101.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Selenium				
Type of Control Sample = Control Sample. continued				
17-Jun-88	10.0		10.4	104.00
17-Jun-88	5.0		5.1	101.00
17-Jun-88	5.0		4.8	97.00
22-Jun-88	10.0		10.1	101.00
22-Jun-88	10.0		10.1	101.00
22-Jun-88	5.0		4.5	91.00
22-Jun-88	5.0		4.6	91.00
22-Jun-88	5.0		5.1	102.00
23-Jun-88	5.0		4.6	91.20
23-Jun-88	5.0		4.5	90.80
23-Jun-88	5.0		5.1	102.40
23-Jun-88	5.0		4.9	97.00
23-Jun-88	5.0		4.6	93.00
23-Jun-88	10.0		10.2	102.00
23-Jun-88	5.0		5.2	104.00
23-Jun-88	5.0		5.0	101.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	10.0		9.6	96.10
16-Jun-88	5.0		5.3	107.00
16-Jun-88	5.0		5.1	102.80
16-Jun-88	5.0		5.2	103.00
16-Jun-88	30.0	ND	30.0	100.00

Number of Samples = 31 Mean % Recovery = 98.9 CV (%) = 4.9

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Silicon				
Type of Control Sample = Control Sample.				
07-Jun-88	100.0		95.4	95.40
07-Jun-88	10.0		5.0	49.70
07-Jun-88	10.0		10.2	102.00
07-Jun-88	10.0		10.6	106.00
15-Jun-88	50.0		50.3	100.60
15-Jun-88	10.0		9.3	92.50
17-Jun-88	100.0		99.5	99.00
17-Jun-88	50.0		45.6	91.00
17-Jun-88	50.0		45.0	91.00
17-Jun-88	50.0		52.9	106.00
17-Jun-88	50.0		50.6	101.00
18-Jun-88	100.0		100.0	100.00
18-Jun-88	50.0		53.2	106.00
18-Jun-88	50.0		53.2	106.00
18-Jun-88	50.0		50.5	101.00
22-Jun-88	50.0		45.9	91.80
22-Jun-88	50.0		54.9	109.80
22-Jun-88	50.0		46.5	93.00
22-Jun-88	50.0		46.0	92.00
22-Jun-88	100.0		98.4	98.40
22-Jun-88	50.0		46.7	93.00
22-Jun-88	100.0		97.0	97.00
22-Jun-88	50.0		47.3	93.00
22-Jun-88	50.0		54.1	108.00
23-Jun-88	50.0		54.0	108.00
23-Jun-88	50.0		46.7	93.40
23-Jun-88	50.0		47.3	94.60
24-Jun-88	100.0		101.0	101.00
24-Jun-88	50.0		47.8	96.00
24-Jun-88	50.0		48.4	97.00
24-Jun-88	50.0		47.8	96.00
24-Jun-88	50.0		5.5	110.00
24-Jun-88	50.0		48.0	96.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Silicon
Type of Control Sample = ICP Interference Check Sample. continued

Type of Control Sample = ICP Interference Check Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Jun-88	100.0		101.0	101.00
16-Jun-88	50.0		45.6	91.20
16-Jun-88	50.0		45.4	90.80
16-Jun-88	50.0		51.8	103.60
16-Jun-88	339.0		339.0	100.00
17-Jun-88	254.0		254.0	100.00

Number of Samples = 39 Mean % Recovery = 97.5 CV (%) = 10.0

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Silver

Type of Control Sample = Control Sample.

25-Feb-88	12.0		10.1	84.17
07-Jun-88	10.0		9.9	98.50
07-Jun-88	5.0		4.7	93.80
07-Jun-88	5.0		4.6	92.40
07-Jun-88	5.0		5.0	99.20
15-Jun-88	5.0		4.1	82.40
15-Jun-88	5.0		4.9	97.40
17-Jun-88	5.0		4.7	94.00
17-Jun-88	5.0		4.7	94.00
17-Jun-88	5.0		4.7	94.00
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		5.0	100.00
18-Jun-88	10.0		10.0	100.00
18-Jun-88	5.0		4.7	94.00
18-Jun-88	5.0		5.3	107.00
18-Jun-88	5.0		4.5	90.00
22-Jun-88	10.0		9.9	99.20
22-Jun-88	10.0		9.9	99.00
22-Jun-88	5.0		4.6	93.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Silver				
Type of Control Sample = Control Sample. continued				
22-Jun-88	5.0		4.7	93.00
22-Jun-88	5.0		5.1	101.00
23-Jun-88	5.0		4.8	95.00
23-Jun-88	10.0		10.0	100.00
23-Jun-88	5.0		4.9	98.00
23-Jun-88	5.0		5.0	99.60
23-Jun-88	5.0		4.8	95.40
23-Jun-88	5.0		4.9	97.40
23-Jun-88	5.0		4.6	92.80
23-Jun-88	5.0		5.1	101.40
23-Jun-88	5.0		4.8	98.00
23-Jun-88	5.0		5.0	100.00
23-Jun-88	10.0		10.0	100.00
23-Jun-88	5.0		5.3	106.00
23-Jun-88	5.0		5.3	106.00
23-Jun-88	10.0		10.2	102.00
23-Jun-88	5.0		5.2	105.00
23-Jun-88	5.0		5.3	106.00
24-Jun-88	0.90		0.8	90.65
24-Jun-88	0.90		0.8	92.76
24-Jun-88	0.90		0.8	85.86
24-Jun-88	10.0		9.7	100.00
24-Jun-88	0.90		0.8	88.31
24-Jun-88	0.90		0.8	86.41
24-Jun-88	5.0		5.3	105.00
24-Jun-88	5.0		5.3	105.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.90		0.9	100.00
10-Jun-88	0.90		0.1	9.11
10-Jun-88	0.90		0.9	100.00
16-Jun-88	0.90		0.8	89.98
16-Jun-88	0.90		0.8	89.98
16-Jun-88	0.90		0.8	90.31
16-Jun-88	10.0		9.9	98.80
16-Jun-88	5.0		5.3	106.40
16-Jun-88	5.0		5.1	101.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Silver
Type of Control Sample = ICP Interference Check Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
16-Jun-88	5.0		5.2	104.80
16-Jun-88	0.82		0.8	99.39
16-Jun-88	0.82		0.8	101.70
16-Jun-88	0.82		0.8	96.83
16-Jun-88	73.7		73.7	100.00
16-Jun-88	0.90		0.8	85.86
16-Jun-88	0.90		0.8	86.41
17-Jun-88	0.90		0.8	88.42
17-Jun-88	0.90		0.8	93.21
17-Jun-88	0.90		0.8	84.19
17-Jun-88	0.90		0.8	88.31
17-Jun-88	58.1		58.1	100.00
18-Jun-88	0.90		0.8	93.32
18-Jun-88	0.90		0.9	95.10
18-Jun-88	0.90		0.8	93.54
22-Jun-88	0.90		0.8	93.43
22-Jun-88	0.90		0.9	95.66
22-Jun-88	0.90		0.8	93.10
23-Jun-88	0.92		0.9	93.48
23-Jun-88	0.92		0.8	90.98
23-Jun-88	0.92		0.9	97.50
23-Jun-88	0.90		0.8	93.43
23-Jun-88	0.90		0.8	93.10
23-Jun-88	0.90		0.9	95.66
23-Jun-88	0.90		0.9	94.99
23-Jun-88	0.90		0.9	95.43
23-Jun-88	0.90		0.8	93.99
30-Jun-88	0.90		0.8	87.08

Number of Samples = 82 Mean % Recovery = 94.9 CV (%) = 11.8

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Sodium				
Type of Control Sample = Control Sample.				
07-Jun-88	300.0		299.0	99.67
07-Jun-88	150.0		149.0	99.33
07-Jun-88	46.5		49.1	105.59
07-Jun-88	150.0		152.0	101.33
15-Jun-88	150.0		150.0	100.00
15-Jun-88	50.0		52.1	104.20
16-Jun-88	300.0		287.0	95.67
16-Jun-88	50.0		48.7	97.40
17-Jun-88	300.0		297.0	99.00
17-Jun-88	150.0		144.0	96.00
17-Jun-88	150.0		151.0	101.00
17-Jun-88	150.0		147.0	98.00
17-Jun-88	50.0		47.8	96.00
18-Jun-88	300.0		298.0	99.00
18-Jun-88	150.0		144.0	96.00
18-Jun-88	150.0		146.0	97.00
18-Jun-88	50.0		47.8	96.00
22-Jun-88	300.0		301.0	100.33
22-Jun-88	150.0		150.0	100.00
22-Jun-88	300.0		301.0	100.00
22-Jun-88	150.0		154.0	103.00
22-Jun-88	50.0		51.3	103.00
23-Jun-88	150.0		154.0	102.67
23-Jun-88	150.0		150.0	100.00
23-Jun-88	50.0		51.3	102.60
23-Jun-88	150.0		155.0	103.00
23-Jun-88	150.0		156.0	104.00
23-Jun-88	150.0		153.0	102.00
23-Jun-88	300.0		302.0	101.00
23-Jun-88	150.0		154.0	103.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	300.0		294.0	98.00
16-Jun-88	50.0		47.3	94.60
16-Jun-88	150.0		141.0	94.00
16-Jun-88	150.0		145.0	96.67

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Sodium
Type of Control Sample = ICP Interference Check Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
16-Jun-88	436.0		436.0	100.00
17-Jun-88	347.0		347.0	100.00

Number of Samples = 36 Mean % Recovery = 99.7 CV (%) = 3.0

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Analyte = Thallium

Type of Control Sample = Control Sample.

07-Jun-88	10.0		10.2	102.00
07-Jun-88	5.0		4.6	92.80
07-Jun-88	5.0		4.8	96.00
07-Jun-88	5.0		4.8	96.20
15-Jun-88	5.0		5.1	101.60
15-Jun-88	2.0		2.1	103.50
17-Jun-88	10.0		10.3	103.00
17-Jun-88	5.0		5.1	101.00
17-Jun-88	5.0		4.7	95.00
17-Jun-88	5.0		4.7	94.00
17-Jun-88	5.0		5.1	103.00
22-Jun-88	5.0		4.7	93.00
22-Jun-88	5.0		4.9	97.40
22-Jun-88	5.0		4.7	94.80
22-Jun-88	10.0		9.5	95.40
22-Jun-88	5.0		4.8	95.00
22-Jun-88	5.0		5.0	99.00
22-Jun-88	10.0		9.8	98.00
22-Jun-88	5.0		4.6	93.00
23-Jun-88	5.0		4.6	92.60
23-Jun-88	5.0		4.8	95.20
23-Jun-88	5.0		5.0	99.00
23-Jun-88	10.0		9.7	97.00
23-Jun-88	5.0		4.9	99.00
23-Jun-88	5.0		5.0	100.00
23-Jun-88	5.0		4.8	95.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Thallium				
Type of Control Sample = Control Sample. continued				
23-Jun-88	5.0		5.1	101.00
Type of Control Sample = ICP Interference Check Sample.				
16-Jun-88	10.0		10.0	99.60
16-Jun-88	5.0		5.1	102.20
16-Jun-88	5.0		5.4	107.80
16-Jun-88	5.0		5.5	110.20
16-Jun-88	9.0	ND	9.0	100.00
Number of Samples = 32	Mean % Recovery =	98.5	CV (%) =	4.4
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Vanadium				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.9	98.90
07-Jun-88	5.0		4.7	93.60
07-Jun-88	2.5		2.4	94.40
07-Jun-88	5.0		4.7	94.60
15-Jun-88	5.0		5.2	104.40
15-Jun-88	2.5		2.4	97.60
16-Jun-88	10.0		9.6	95.70
16-Jun-88	2.5		2.4	95.20
17-Jun-88	5.0		5.2	103.00
17-Jun-88	5.0		5.1	102.00
17-Jun-88	5.0		5.2	103.00
17-Jun-88	10.0		10.0	100.00
17-Jun-88	2.5		2.4	96.00
22-Jun-88	10.0		10.0	99.60
22-Jun-88	5.0		4.9	98.00
22-Jun-88	5.0		4.9	97.00
22-Jun-88	10.0		10.0	100.00
22-Jun-88	2.5		2.4	98.00
23-Jun-88	5.0		4.9	97.40

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Vanadium				
Type of Control Sample = Control Sample, continued				
23-Jun-88	5.0		4.9	98.40
23-Jun-88	2.5		2.4	97.60
23-Jun-88	5.0		2.4	97.00
23-Jun-88	5.0		2.4	96.00
23-Jun-88	10.0		9.9	99.00
23-Jun-88	5.0		2.3	94.00
23-Jun-88	5.0		2.5	100.00
18-Jul-88	5.0		5.0	99.00
18-Jul-88	5.0		5.1	101.00
18-Jul-88	10.0		10.0	100.00
18-Jul-88	5.0		5.1	101.00
18-Jul-88	5.0		5.2	104.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.54		0.5	87.04
10-Jun-88	0.54		0.6	103.70
10-Jun-88	0.54		0.5	100.00
16-Jun-88	0.54		0.5	100.00
16-Jun-88	10.0		10.0	99.70
16-Jun-88	0.54		0.5	100.93
16-Jun-88	0.41		0.4	94.10
16-Jun-88	0.54		0.6	103.90
16-Jun-88	0.41		0.4	89.19
16-Jun-88	0.41		0.4	88.21
16-Jun-88	2.5		2.5	100.40
16-Jun-88	5.0		5.3	106.60
16-Jun-88	5.0		5.3	105.60
16-Jun-88	13.3		13.3	100.00
17-Jun-88	0.54		0.5	92.76
17-Jun-88	0.54		0.5	100.37
17-Jun-88	0.54		0.5	100.18
17-Jun-88	0.54		0.5	84.42
18-Jun-88	0.74		0.8	102.84
18-Jun-88	0.74		0.7	100.13
18-Jun-88	0.74		0.8	102.30
18-Jun-88	9.7		9.7	100.00
22-Jun-88	0.54		0.5	98.33

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Vanadium				
Type of Control Sample = ICP Interference Check Sample. continued				
22-Jun-88	0.54		0.6	106.12
22-Jun-88	0.54		0.5	100.37
23-Jun-88	0.52		0.5	90.94
23-Jun-88	0.52		0.5	86.90
23-Jun-88	0.47		0.5	113.98
23-Jun-88	0.54		0.5	100.37
23-Jun-88	0.54		0.5	98.33
23-Jun-88	0.54		0.6	106.12
23-Jun-88	0.54		0.5	92.95
23-Jun-88	0.54		0.5	95.36
23-Jun-88	0.54		0.5	86.08
Number of Samples = 65	Mean % Recovery =		98.4	CV (%) = 5.4
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Zinc				
Type of Control Sample = Control Sample.				
07-Jun-88	10.0		9.8	97.90
07-Jun-88	4.8		4.8	98.76
07-Jun-88	5.0		5.1	102.60
07-Jun-88	5.0		4.8	96.40
15-Jun-88	5.0		5.3	106.60
15-Jun-88	5.0		5.5	110.20
16-Jun-88	5.0		5.0	99.40
16-Jun-88	10.0		9.6	95.90
17-Jun-88	5.0		5.3	105.00
17-Jun-88	5.0		5.2	104.00
17-Jun-88	10.0		10.1	101.00
17-Jun-88	5.0		5.3	105.00
17-Jun-88	5.0		5.1	101.00
22-Jun-88	10.0		9.9	98.70
22-Jun-88	5.0		5.1	101.00
22-Jun-88	5.0		5.0	100.00
22-Jun-88	10.0		9.9	99.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Zinc				
Type of Control Sample = Control Sample. continued				
22-Jun-88	5.0		5.3	107.00
23-Jun-88	5.0		5.3	106.60
23-Jun-88	5.0		5.0	100.20
23-Jun-88	5.0		5.1	101.00
23-Jun-88	5.0		5.1	102.00
23-Jun-88	5.0		5.0	99.00
23-Jun-88	10.0		9.8	98.00
23-Jun-88	5.0		5.2	105.00
23-Jun-88	5.0		5.3	106.00
18-Jul-88	10.0		9.9	99.00
18-Jul-88	5.0		4.9	98.00
18-Jul-88	5.0		4.9	99.00
18-Jul-88	5.0		5.1	102.00
18-Jul-88	5.0		4.9	98.00
Type of Control Sample = ICP Interference Check Sample.				
10-Jun-88	0.92		0.9	98.91
10-Jun-88	0.92		1.0	103.26
10-Jun-88	0.92		0.9	94.57
16-Jun-88	0.92		1.0	105.68
16-Jun-88	0.92		1.0	110.26
16-Jun-88	0.96		0.9	91.17
16-Jun-88	0.96		0.9	92.32
16-Jun-88	0.96		0.9	95.85
16-Jun-88	10.0		9.9	99.40
16-Jun-88	0.92		1.1	120.09
16-Jun-88	5.0		5.5	109.00
16-Jun-88	5.0		5.4	108.40
16-Jun-88	5.0		5.4	108.20
16-Jun-88	1120.0		1120.0	100.00
17-Jun-88	0.92		1.0	104.03
17-Jun-88	0.92		1.1	118.99
17-Jun-88	0.92		1.1	116.81
17-Jun-88	0.92		1.1	120.08
17-Jun-88	981.0		981.0	100.00
18-Jun-88	0.80		0.8	104.14
18-Jun-88	0.80		0.8	100.37

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Aqueous				
Analyte = Zinc				
Type of Control Sample = ICP Interference Check Sample. continued				
18-Jun-88	0.80		0.8	102.50
22-Jun-88	0.92		1.0	0.00
22-Jun-88	0.92		1.0	112.44
22-Jun-88	0.92		1.0	110.37
23-Jun-88	0.98		1.0	97.34
23-Jun-88	0.98		0.8	85.55
23-Jun-88	0.98		0.9	94.26
23-Jun-88	0.92		1.0	112.44
23-Jun-88	0.92		1.0	110.37
23-Jun-88	0.92		1.0	112.44
23-Jun-88	0.92		1.1	117.90
23-Jun-88	0.92		0.9	96.07
23-Jun-88	0.92		0.9	102.29
Number of Samples = 65	Mean % Recovery = 101.5		CV (%) = 14.4	
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Aluminum				
Type of Control Sample = Control Sample.				
16-Mar-88	3469.0		3469.0	100.00
31-Mar-88	3985.0		3985.0	100.00
11-Apr-88	300.0		295.0	98.33
11-Apr-88	9.7		1.1	11.34
11-Apr-88	150.0		145.0	96.67
11-Apr-88	150.0		146.0	97.33
12-Apr-88	300.0		300.0	100.00
12-Apr-88	150.0		151.0	100.67
12-Apr-88	0.97		0.9	96.91
15-Apr-88	300.0		300.0	100.00
15-Apr-88	5.0		5.0	99.60
15-Apr-88	150.0		150.0	100.00
15-Apr-88	150.0		151.0	100.67
18-Apr-88	300.0		303.0	101.00
18-Apr-88	5.0		5.0	99.20

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Aluminum				
Type of Control Sample = Control Sample. *continued*				
18-Apr-88	150.0		154.0	102.67
18-Apr-88	150.0		153.0	102.00
18-Apr-88	150.0		154.0	102.67
28-Apr-88	298.0		300.0	100.67
28-Apr-88	5.0		5.1	102.00
28-Apr-88	150.0		149.0	99.33
28-Apr-88	150.0		148.0	98.67
28-Apr-88	150.0		147.0	98.00
07-Jun-88	300.0		304.0	101.33
07-Jun-88	300.0		299.0	99.67
07-Jun-88	9.7		10.4	107.22
07-Jun-88	150.0		152.0	101.33
16-Jun-88	300.0		299.0	99.67
16-Jun-88	150.0		151.0	100.67
16-Jun-88	150.0		153.0	102.00
16-Jun-88	10.0		10.2	102.00
17-Jun-88	300.0		297.0	99.00
17-Jun-88	100.0		104.0	104.00
17-Jun-88	150.0		146.0	97.33
17-Jun-88	150.0		147.0	98.00
17-Jun-88	150.0		150.0	100.00
20-Jun-88	300.0		293.0	97.67
20-Jun-88	100.0		104.0	104.00
20-Jun-88	150.0		148.0	98.67
20-Jun-88	150.0		150.0	100.00
30-Jun-88	300.0		316.0	105.33
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	3985.0		3985.0	100.00
20-Apr-88	3678.0		3678.0	100.00
20-Apr-88	3768.0		3768.0	100.00
28-Apr-88	3840.0		3840.0	100.00
28-Apr-88	4070.0		4070.0	100.00

Number of Samples = 46 Mean % Recovery = 98.4 CV (%) = 13.5

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Antimony				
Type of Control Sample = Control Sample.				
16-Mar-88	20.2	<5X	20.2	100.00
31-Mar-88	10.6	<5X	10.6	100.00
11-Apr-88	2.0		1.9	95.50
11-Apr-88	5.0		5.2	103.00
11-Apr-88	5.0		5.1	101.80
12-Apr-88	10.0		10.3	103.00
12-Apr-88	2.0		1.9	95.50
12-Apr-88	5.0		4.9	98.60
15-Apr-88	10.0		10.3	103.00
15-Apr-88	2.0		1.9	95.50
15-Apr-88	5.0		4.9	98.60
15-Apr-88	5.0		5.0	99.00
18-Apr-88	10.0		9.8	98.00
18-Apr-88	5.1		5.2	101.97
18-Apr-88	2.0		2.1	107.00
18-Apr-88	2.0		2.1	107.00
18-Apr-88	2.0		2.2	109.00
28-Apr-88	10.0		0.1	0.60
28-Apr-88	2.0		1.9	92.50
28-Apr-88	5.0		4.8	97.00
28-Apr-88	5.0		4.9	98.80
28-Apr-88	5.0		5.1	101.00
28-Apr-88	5.0		5.0	99.20
07-Jun-88	10.0		9.9	99.30
07-Jun-88	10.0		10.3	103.00
07-Jun-88	5.0		5.1	101.60
07-Jun-88	5.0		4.8	96.00
10-Jun-88	10.0		10.2	102.00
10-Jun-88	5.0		5.2	103.60
10-Jun-88	5.0		5.0	100.20
16-Jun-88	10.0		10.2	102.00
16-Jun-88	5.0		5.1	101.80
16-Jun-88	5.0		5.1	101.80
16-Jun-88	5.0		4.8	95.40
17-Jun-88	10.0		10.1	101.00
17-Jun-88	5.0		5.0	100.80
17-Jun-88	5.0		5.2	104.40
17-Jun-88	5.0		5.2	103.40

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Antimony				
Type of Control Sample = Control Sample. continued				
17-Jun-88	5.0		5.2	104.40
20-Jun-88	10.0		10.2	102.00
20-Jun-88	5.0		5.3	105.00
20-Jun-88	5.0		5.0	99.00
20-Jun-88	5.0		5.4	107.40
30-Jun-88	10.0		9.7	97.10
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	10.6		10.6	100.00
28-Apr-88	6.2		6.2	100.00
28-Apr-88	10.9		10.9	100.00
30-Jun-88	0.060	ND	0.1	1.00
Number of Samples = 48	Mean % Recovery =	96.6	CV (%) =	21.2
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Arsenic				
Type of Control Sample = Control Sample.				
31-Mar-88	32.6	<5X	32.6	100.00
11-Apr-88	10.0		10.1	101.00
11-Apr-88	10.0		1.6	16.20
11-Apr-88	5.0		5.5	109.00
11-Apr-88	5.0		5.5	109.20
12-Apr-88	10.0		10.2	102.00
12-Apr-88	5.0		5.5	110.00
12-Apr-88	1.0		1.3	126.00
15-Apr-88	10.0		10.2	102.00
15-Apr-88	5.0		3.7	73.20
15-Apr-88	5.0		5.5	110.00
15-Apr-88	5.0		5.2	103.00
18-Apr-88	10.0		10.5	105.00
18-Apr-88	5.0		3.9	78.20
18-Apr-88	5.0		5.2	103.40

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Arsenic				
Type of Control Sample = Control Sample. continued				
18-Apr-88	5.0		5.1	102.60
18-Apr-88	5.0		5.2	104.20
28-Apr-88	10.0		9.9	99.00
28-Apr-88	1.0		1.1	112.00
28-Apr-88	5.0		5.3	105.20
28-Apr-88	5.0		5.0	99.00
28-Apr-88	5.0		5.6	111.00
28-Apr-88	5.0		5.3	106.40
07-Jun-88	10.0		9.9	99.30
07-Jun-88	10.0		10.1	101.00
07-Jun-88	5.0		4.3	86.40
07-Jun-88	5.0		5.1	101.20
16-Jun-88	10.0		10.3	103.00
16-Jun-88	5.0		3.8	76.60
16-Jun-88	5.0		5.5	109.00
16-Jun-88	5.0		4.9	97.60
17-Jun-88	10.0		10.3	103.00
17-Jun-88	5.0		4.0	79.00
17-Jun-88	5.0		5.3	105.60
17-Jun-88	5.0		4.9	98.60
17-Jun-88	5.0		5.4	108.40
20-Jun-88	10.0		9.7	96.90
20-Jun-88	5.0		5.5	109.40
20-Jun-88	5.0		4.8	95.80
20-Jun-88	5.0		4.6	91.60
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	32.6		32.6	100.00
20-Apr-88	30.0		30.0	100.00
20-Apr-88	30.0		30.0	100.00
28-Apr-88	30.0		30.0	100.00
28-Apr-88	29.7		29.7	100.00

Number of Samples = 45 Mean % Recovery = 98.9 CV (%) = 16.1

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Barium

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Mar-88	419.0		419.0	100.00
31-Mar-88	464.0		464.0	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	0.97		1.0	105.15
11-Apr-88	5.0		5.2	103.40
11-Apr-88	5.0		5.1	102.80
12-Apr-88	10.0		9.9	99.00
12-Apr-88	5.0		5.2	103.00
12-Apr-88	0.97		1.0	107.22
15-Apr-88	10.0		10.0	100.00
15-Apr-88	0.97		1.0	107.22
15-Apr-88	5.0		5.1	102.80
15-Apr-88	5.0		5.2	103.00
18-Apr-88	10.0		10.2	102.00
18-Apr-88	0.97		1.0	104.12
18-Apr-88	5.0		5.1	102.80
18-Apr-88	5.0		5.1	102.80
18-Apr-88	5.0		5.1	102.40
28-Apr-88	10.0		10.1	101.00
28-Apr-88	0.97		1.0	106.19
28-Apr-88	5.0		5.2	104.80
28-Apr-88	5.0		5.3	105.00
28-Apr-88	5.0		5.3	105.00
28-Apr-88	5.0		5.1	102.60
07-Jun-88	10.0		9.9	99.30
07-Jun-88	10.0		9.9	98.60
07-Jun-88	5.0		5.1	102.00
07-Jun-88	5.0		4.9	98.60
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		4.8	96.80
16-Jun-88	5.0		4.9	98.20
16-Jun-88	5.0		5.1	101.20
17-Jun-88	10.0		9.9	99.50
17-Jun-88	5.0		5.0	100.40
17-Jun-88	5.0		4.8	95.20
17-Jun-88	5.0		4.8	97.00
17-Jun-88	5.0		4.8	95.40

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Barium				
Type of Control Sample = Control Sample. continued				
20-Jun-88	10.0		9.9	99.10
20-Jun-88	5.0		4.9	98.60
20-Jun-88	5.0		4.9	98.20
20-Jun-88	5.0		4.8	97.00
30-Jun-88	9.9		10.0	101.52
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.49		0.5	95.10
14-Mar-88	0.49		0.5	95.10
14-Mar-88	0.49		0.5	95.50
15-Mar-88	0.49		0.5	96.70
15-Mar-88	0.49		0.5	96.90
12-Apr-88	464.0		464.0	100.00
15-Apr-88	0.49		0.5	99.40
15-Apr-88	0.49		0.5	97.70
28-Apr-88	0.46		0.5	101.50
28-Apr-88	0.46		0.5	100.90
28-Apr-88	0.46		0.5	100.90
28-Apr-88	0.46		0.5	100.90
28-Apr-88	0.46		0.5	101.50
28-Apr-88	0.46		0.5	100.90
28-Apr-88	464.0		464.0	100.00
28-Apr-88	446.0		446.0	100.00
07-Jun-88	0.44		0.5	104.50
07-Jun-88	0.44		0.5	104.50
07-Jun-88	0.44		0.4	100.00
16-Jun-88	0.46		0.5	98.30
16-Jun-88	0.46		0.5	99.80
16-Jun-88	0.46		0.5	99.80
30-Jun-88	0.44		0.4	101.13
30-Jun-88	0.44		0.4	101.10

Number of Samples = 66 Mean % Recovery = 100.6 CV (%) = 2.9

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Beryllium

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Mar-88	0.16	<5X	0.2	100.00
31-Mar-88	18801.0		18801.0	100.00
11-Apr-88	1.0		1.0	104.00
11-Apr-88	5.0		5.2	104.00
11-Apr-88	5.0		5.2	104.20
12-Apr-88	10.0		9.9	99.00
12-Apr-88	1.0		1.0	104.00
12-Apr-88	5.0		5.2	104.80
15-Apr-88	10.0		10.0	100.00
15-Apr-88	1.0		1.0	104.00
15-Apr-88	5.0		5.2	104.60
15-Apr-88	5.0		5.2	104.80
18-Apr-88	10.0		10.0	100.00
18-Apr-88	1.0		1.0	102.00
18-Apr-88	5.0		5.1	101.80
18-Apr-88	5.0		5.1	101.80
18-Apr-88	5.0		5.1	101.60
28-Apr-88	10.0		10.0	100.00
28-Apr-88	1.0		1.1	105.00
28-Apr-88	5.0		5.3	106.00
28-Apr-88	5.0		5.3	106.00
28-Apr-88	5.0		5.3	106.60
28-Apr-88	5.0		5.2	104.40
07-Jun-88	10.0		9.9	98.80
07-Jun-88	10.0		9.9	98.60
07-Jun-88	5.0		5.1	102.40
07-Jun-88	5.0		4.9	102.40
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		5.1	101.20
16-Jun-88	5.0		4.8	95.60
16-Jun-88	5.0		4.9	98.00
17-Jun-88	10.0		10.0	99.60
17-Jun-88	5.0		5.1	101.40
17-Jun-88	5.0		4.7	94.80
17-Jun-88	5.0		4.7	94.60
17-Jun-88	5.0		4.9	97.20
20-Jun-88	10.0		9.9	98.50

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Beryllium				
Type of Control Sample = Control Sample. continued				
20-Jun-88	5.0		4.9	97.40
20-Jun-88	5.0		4.8	95.80
20-Jun-88	5.0		4.8	96.80
30-Jun-88	10.0		9.9	98.60
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.48		0.5	98.30
14-Mar-88	0.48		0.5	98.70
14-Mar-88	0.48		0.5	97.90
15-Mar-88	0.48		0.5	103.40
15-Mar-88	0.48		0.5	102.90
12-Apr-88	0.17		0.2	100.00
15-Apr-88	0.48		0.5	104.00
15-Apr-88	0.48		0.5	103.40
20-Apr-88	0.10		0.1	100.00
20-Apr-88	0.10		0.1	100.00
28-Apr-88	0.48		0.5	100.80
28-Apr-88	0.48		0.5	100.80
28-Apr-88	0.48		0.5	100.80
28-Apr-88	0.48		0.5	100.80
28-Apr-88	0.48		0.5	100.80
28-Apr-88	0.48		0.5	100.80
28-Apr-88	0.10		0.1	100.00
28-Apr-88	0.82		0.8	100.00
07-Jun-88	0.45		0.5	100.00
07-Jun-88	0.45		0.5	106.70
07-Jun-88	0.45		0.5	106.70
16-Jun-88	0.48		0.5	98.10
16-Jun-88	0.48		0.5	98.30
16-Jun-88	0.48		0.5	96.00
30-Jun-88	0.45		0.5	102.00
30-Jun-88	0.45		0.5	101.99

Number of Samples = 67 Mean % Recovery = 100.9 CV (%) = 3.0

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Boron

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
31-Mar-88	58.8	ND	58.8	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	0.99		0.9	92.93
11-Apr-88	5.0		5.3	105.80
11-Apr-88	5.0		5.2	103.80
12-Apr-88	10.0		10.2	102.00
12-Apr-88	0.99		1.2	121.21
12-Apr-88	5.0		5.3	106.40
15-Apr-88	10.0		10.2	102.00
15-Apr-88	5.0		5.3	106.60
15-Apr-88	5.0		5.3	106.40
15-Apr-88	5.0		5.3	106.40
18-Apr-88	10.0		10.1	101.00
18-Apr-88	5.0		5.3	105.40
18-Apr-88	5.0		5.0	99.40
18-Apr-88	5.0		4.9	98.00
18-Apr-88	5.0		4.9	98.40
28-Apr-88	10.0		9.9	99.00
28-Apr-88	0.99		0.9	86.87
28-Apr-88	5.0		5.3	106.60
28-Apr-88	5.0		4.9	98.20
28-Apr-88	5.0		5.3	106.40
28-Apr-88	5.0		5.3	105.40
07-Jun-88	10.0		9.7	97.20
07-Jun-88	10.0		10.0	99.60
07-Jun-88	2.5		2.5	102.00
07-Jun-88	5.0		5.2	103.00
16-Jun-88	10.0		10.0	100.00
16-Jun-88	2.5		2.5	101.20
16-Jun-88	5.0		5.1	101.00
16-Jun-88	5.0		5.3	106.40
17-Jun-88	10.0		10.0	99.70
17-Jun-88	2.5		2.5	102.00
17-Jun-88	5.0		5.2	104.80
17-Jun-88	5.0		5.1	101.80
17-Jun-88	5.0		4.9	98.20
20-Jun-88	10.0		9.7	96.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Boron				
Type of Control Sample = Control Sample. continued				
20-Jun-88	2.5		2.4	95.20
20-Jun-88	5.0		5.1	101.80
20-Jun-88	5.0		5.1	102.40
22-Jun-88	10.0		10.0	100.00
22-Jun-88	2.5		2.6	104.80
22-Jun-88	5.0		5.1	101.40
22-Jun-88	5.0		5.1	102.00
22-Jun-88	5.0		5.0	102.00
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	58.8		58.8	100.00
28-Apr-88	59.4		59.4	100.00
28-Apr-88	60.0		60.0	100.00
Number of Samples = 48	Mean % Recovery = 101.7		CV (%) =	4.7
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Cadmium				
Type of Control Sample = Control Sample.				
16-Mar-88	16.1		16.1	100.00
31-Mar-88	18.8		18.8	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	0.25		0.3	104.00
11-Apr-88	5.0		5.1	102.80
11-Apr-88	5.0		5.2	104.00
12-Apr-88	10.0		9.9	99.50
12-Apr-88	5.0		5.2	103.40
12-Apr-88	0.25		0.3	104.00
15-Apr-88	10.0		10.0	100.00
15-Apr-88	0.25		0.3	104.00
15-Apr-88	5.0		5.2	103.20
15-Apr-88	5.0		5.2	103.40
18-Apr-88	10.0		10.1	101.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Cadmium
Type of Control Sample = Control Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
18-Apr-88	0.25		0.3	104.00
18-Apr-88	5.0		5.1	102.00
18-Apr-88	5.0		5.1	102.00
18-Apr-88	5.0		5.1	101.60
28-Apr-88	10.0		10.0	100.00
28-Apr-88	0.25		0.3	102.40
28-Apr-88	5.0		5.3	105.20
28-Apr-88	5.0		5.2	104.40
28-Apr-88	5.0		5.2	104.20
28-Apr-88	5.0		5.2	103.60
07-Jun-88	10.0		9.9	99.10
07-Jun-88	10.0		9.9	98.80
07-Jun-88	5.0		5.2	103.20
07-Jun-88	5.0		4.9	97.20
08-Jun-88	300.0		299.0	99.67
08-Jun-88	40.6		43.6	107.39
08-Jun-88	150.0		148.0	98.67
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		5.1	101.20
16-Jun-88	5.0		4.7	94.40
16-Jun-88	5.0		4.8	97.00
17-Jun-88	10.0		10.1	101.00
17-Jun-88	5.0		5.0	100.60
17-Jun-88	5.0		4.9	97.60
17-Jun-88	5.0		4.7	94.00
17-Jun-88	5.0		4.7	94.60
20-Jun-88	10.0		9.8	97.70
20-Jun-88	5.0		4.9	97.40
20-Jun-88	5.0		4.7	94.00
20-Jun-88	5.0		4.7	94.00
22-Jun-88	300.0		299.0	99.67
22-Jun-88	50.0		49.9	99.80
22-Jun-88	150.0		147.0	98.00
22-Jun-88	150.0		150.0	100.00
22-Jun-88	150.0		152.0	101.33
30-Jun-88	10.0		9.9	99.20

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Cadmium
Type of Control Sample = ICP Interference Check Sample. continued

Type of Control Sample = ICP Interference Check Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
14-Mar-88	0.87		0.9	102.40
14-Mar-88	0.87		0.9	103.20
14-Mar-88	0.87		0.9	101.00
15-Mar-88	0.87		0.9	106.80
15-Mar-88	0.87		0.9	103.30
12-Apr-88	18.8		18.8	100.00
15-Apr-88	0.87		0.9	103.70
15-Apr-88	0.87		0.9	104.80
20-Apr-88	16.7		16.7	100.00
20-Apr-88	16.6		16.6	100.00
28-Apr-88	0.88		0.9	103.10
28-Apr-88	0.88		0.9	103.80
28-Apr-88	0.88		0.9	104.70
28-Apr-88	0.88		0.9	103.80
28-Apr-88	0.88		0.9	103.10
28-Apr-88	0.88		0.9	104.70
28-Apr-88	17.1		17.1	100.00
28-Apr-88	17.0		17.0	100.00
07-Jun-88	0.84		0.9	102.40
07-Jun-88	0.84		0.9	104.80
07-Jun-88	0.84		0.8	97.60
16-Jun-88	0.88		0.9	96.90
16-Jun-88	0.88		0.8	94.40
16-Jun-88	0.88		0.9	97.50
30-Jun-88	0.84		0.9	101.43
30-Jun-88	0.84		0.9	101.40

Number of Samples = 76 Mean % Recovery = 100.9 CV (%) = 3.1

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Calcium

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Mar-88	17588.0		17588.0	100.00
31-Mar-88	18801.0		18801.0	100.00
11-Apr-88	300.0		297.0	99.00
11-Apr-88	40.6		42.1	103.69
11-Apr-88	150.0		146.0	97.33
11-Apr-88	150.0		146.0	97.33
12-Apr-88	300.0		298.0	99.33
12-Apr-88	40.6		42.0	103.45
12-Apr-88	150.0		149.0	99.33
15-Apr-88	300.0		298.0	99.33
15-Apr-88	40.6		42.0	103.45
15-Apr-88	1.5		1.5	99.33
15-Apr-88	150.0		149.0	99.33
18-Apr-88	300.0		299.0	99.67
18-Apr-88	40.6		41.9	103.20
18-Apr-88	150.0		150.0	100.00
18-Apr-88	50.0		48.0	96.00
18-Apr-88	50.0		49.6	99.20
28-Apr-88	298.0		300.0	100.67
28-Apr-88	40.6		41.7	102.71
28-Apr-88	150.0		147.0	98.00
28-Apr-88	150.0		145.0	98.00
28-Apr-88	150.0		147.0	98.00
07-Jun-88	300.0		306.0	102.00
07-Jun-88	300.0		300.0	100.00
07-Jun-88	40.6		42.8	105.42
07-Jun-88	150.0		146.0	97.33
16-Jun-88	300.0		300.0	100.00
16-Jun-88	150.0		148.0	98.67
16-Jun-88	40.6		42.5	104.68
16-Jun-88	150.0		144.0	96.00
17-Jun-88	300.0		298.0	99.33
17-Jun-88	40.6		42.6	104.93
17-Jun-88	150.0		142.0	94.67
17-Jun-88	150.0		142.0	94.67
17-Jun-88	150.0		147.0	98.00
20-Jun-88	3.0		2.9	96.67

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Calcium				
Type of Control Sample = Control Sample. continued				
20-Jun-88	40.6		42.7	105.17
20-Jun-88	150.0		148.0	98.67
20-Jun-88	150.0		146.0	97.33
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	18801.0		18801.0	100.00
28-Apr-88	18900.0		18900.0	100.00
28-Apr-88	18600.0		18600.0	100.00
Number of Samples = 43	Mean % Recovery =		99.8	CV (%) = 2.7
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Chromium				
Type of Control Sample = Control Sample.				
16-Mar-88	154.0		154.0	100.00
31-Mar-88	171.0		171.0	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	1.0		1.0	102.00
11-Apr-88	5.0		5.2	103.60
11-Apr-88	5.0		5.2	103.40
12-Apr-88	10.0		10.0	99.80
12-Apr-88	1.0		1.0	101.00
12-Apr-88	5.0		5.2	103.40
15-Apr-88	10.0		10.0	100.00
15-Apr-88	1.0		1.0	101.00
15-Apr-88	5.0		5.2	103.20
15-Apr-88	5.0		5.2	103.40
18-Apr-88	10.0		10.1	101.00
18-Apr-88	1.0		1.0	100.00
18-Apr-88	5.0		4.9	97.60
18-Apr-88	5.0		4.9	98.20
18-Apr-88	5.0		4.9	98.60
28-Apr-88	10.0		10.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Chromium				
Type of Control Sample = Control Sample. continued				
28-Apr-88	1.0		1.0	100.00
28-Apr-88	5.0		5.2	104.20
28-Apr-88	5.0		5.3	105.00
28-Apr-88	5.0		5.2	104.00
28-Apr-88	5.0		5.2	103.00
07-Jun-88	10.0		9.9	98.80
07-Jun-88	10.0		9.9	98.60
07-Jun-88	5.0		5.0	100.80
07-Jun-88	5.0		5.0	99.00
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		5.0	100.00
16-Jun-88	5.0		5.0	99.60
16-Jun-88	5.0		4.8	96.60
17-Jun-88	10.0		9.8	98.20
17-Jun-88	5.0		5.0	99.40
17-Jun-88	5.0		4.8	95.80
17-Jun-88	5.0		4.8	95.80
17-Jun-88	5.0		5.0	99.20
20-Jun-88	5.0		4.8	96.20
20-Jun-88	5.0		4.9	97.40
20-Jun-88	5.0		4.8	97.00
30-Jun-88	10.0		9.9	98.90
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.91		0.9	104.50
14-Mar-88	0.91		0.9	102.90
14-Mar-88	0.91		0.9	101.30
15-Mar-88	0.91		0.9	104.40
15-Mar-88	0.91		1.0	107.70
12-Apr-88	171.0		171.0	100.00
15-Apr-88	0.91		1.0	105.20
15-Apr-88	0.91		1.0	106.10
20-Apr-88	161.9		161.9	100.00
20-Apr-88	164.4		164.4	100.00
28-Apr-88	0.91		0.9	102.40
28-Apr-88	0.91		0.9	102.00
28-Apr-88	0.91		1.0	103.90

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Chromium				
Type of Control Sample = ICP Interference Check Sample. continued				
28-Apr-88	0.91		0.9	102.00
28-Apr-88	0.91		1.0	103.90
28-Apr-88	0.91		0.9	102.40
28-Apr-88	164.0		164.0	100.00
28-Apr-88	167.0		167.0	100.00
07-Jun-88	0.91		0.9	103.30
07-Jun-88	0.91		0.9	103.30
07-Jun-88	0.91		0.9	94.50
16-Jun-88	0.91		0.9	102.50
16-Jun-88	0.91		0.9	98.30
16-Jun-88	0.91		0.9	102.20
30-Jun-88	0.91		0.9	96.50
30-Jun-88	0.91		0.9	96.49
Number of Samples = 67	Mean % Recovery = 100.7		CV (%) =	2.8
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Cobalt				
Type of Control Sample = Control Sample.				
16-Mar-88	4.8	<5X	4.8	100.00
31-Mar-88	4.8	<5X	4.8	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	1.0		1.0	101.00
11-Apr-88	5.0		5.2	104.60
11-Apr-88	5.0		5.2	104.00
12-Apr-88	10.0		10.0	100.00
12-Apr-88	1.0		1.0	98.00
12-Apr-88	5.0		5.1	101.20
15-Apr-88	10.0		10.0	100.00
15-Apr-88	1.0		1.0	98.20
15-Apr-88	5.0		5.0	100.60
15-Apr-88	5.0		5.1	101.20
18-Apr-88	10.0		10.1	101.00
18-Apr-88	1.0		1.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Cobalt				
Type of Control Sample = Control Sample. continued				
18-Apr-88	5.0		5.1	101.60
18-Apr-88	5.0		5.1	101.80
18-Apr-88	5.0		5.1	102.00
28-Apr-88	10.0		10.0	100.00
28-Apr-88	1.0		1.0	96.50
28-Apr-88	5.0		5.2	103.80
28-Apr-88	5.0		5.2	104.00
28-Apr-88	5.0		5.2	104.00
28-Apr-88	5.0		5.1	101.20
07-Jun-88	10.0		9.9	99.30
07-Jun-88	10.0		9.8	98.40
07-Jun-88	5.0		4.9	98.60
07-Jun-88	5.0		4.8	95.20
16-Jun-88	10.0		10.0	99.90
16-Jun-88	5.0		4.6	92.60
16-Jun-88	5.0		4.8	95.60
16-Jun-88	5.0		4.9	97.20
17-Jun-88	10.0		10.0	99.90
17-Jun-88	5.0		4.8	96.00
17-Jun-88	5.0		4.6	91.40
17-Jun-88	5.0		4.8	95.20
17-Jun-88	5.0		4.6	91.80
20-Jun-88	10.0		9.7	97.40
20-Jun-88	5.0		4.7	93.40
20-Jun-88	5.0		4.6	92.80
20-Jun-88	5.0		4.7	93.00
30-Jun-88	10.0		9.9	98.90
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.41		0.4	104.90
14-Mar-88	0.41		0.4	102.00
14-Mar-88	0.41		0.4	106.70
15-Mar-88	0.41		0.4	107.90
15-Mar-88	0.41		0.5	112.30
12-Apr-88	4.8		4.8	100.00
15-Apr-88	0.41		0.4	105.70
15-Apr-88	0.41		0.4	104.40

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Cobalt
Type of Control Sample = ICP Interference Check Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
28-Apr-88	0.41		0.4	102.90
28-Apr-88	0.41		0.4	99.30
28-Apr-88	0.41		0.4	101.20
28-Apr-88	0.41		0.4	99.30
28-Apr-88	0.41		0.4	101.20
28-Apr-88	0.41		0.4	102.90
28-Apr-88	6.8		6.8	100.00
28-Apr-88	5.1		5.1	100.00
07-Jun-88	0.43		0.4	93.00
07-Jun-88	0.43		0.4	102.30
07-Jun-88	0.43		0.4	102.30
16-Jun-88	0.42		0.4	100.00
16-Jun-88	0.42		0.4	100.20
16-Jun-88	0.42		0.4	95.70
30-Jun-88	0.43		0.4	94.80
30-Jun-88	0.43		0.4	94.85

Number of Samples = 66 Mean % Recovery = 99.8 CV (%) = 4.0

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Copper

Type of Control Sample = Control Sample.

16-Mar-88	924.0		924.0	100.00
31-Mar-88	1002.0		1002.0	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	1.0		1.0	103.00
11-Apr-88	5.0		5.1	102.00
11-Apr-88	5.0		5.1	102.00
12-Apr-88	10.0		10.0	99.60
12-Apr-88	1.0		1.0	97.00
12-Apr-88	5.0		5.0	100.00
15-Apr-88	10.0		10.0	100.00
15-Apr-88	1.0		1.0	96.90
15-Apr-88	5.0		5.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Copper				
Type of Control Sample = Control Sample. continued				
15-Apr-88	5.0		5.0	100.00
18-Apr-88	10.0		10.1	101.00
18-Apr-88	1.0		1.0	102.00
18-Apr-88	5.0		5.0	99.40
18-Apr-88	5.0		5.0	99.60
18-Apr-88	5.0		5.0	99.80
28-Apr-88	10.0		10.4	104.00
28-Apr-88	1.0		1.0	95.30
28-Apr-88	5.0		5.1	102.40
28-Apr-88	5.0		5.1	102.00
28-Apr-88	5.0		5.1	102.40
28-Apr-88	5.0		5.0	99.60
07-Jun-88	10.0		9.9	99.20
07-Jun-88	10.0		9.9	98.90
07-Jun-88	5.0		4.9	98.60
07-Jun-88	5.0		4.8	95.20
16-Jun-88	10.0		10.0	99.90
16-Jun-88	5.0		4.7	93.80
16-Jun-88	5.0		4.6	92.00
16-Jun-88	5.0		4.7	93.40
17-Jun-88	10.0		9.9	99.50
17-Jun-88	5.0		4.8	95.60
17-Jun-88	5.0		4.7	93.20
17-Jun-88	5.0		4.7	93.40
17-Jun-88	5.0		4.8	95.40
20-Jun-88	10.0		9.8	98.40
20-Jun-88	5.0		4.5	90.40
20-Jun-88	5.0		4.7	93.00
20-Jun-88	5.0		4.6	92.00
30-Jun-88	10.0		9.9	98.70
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.44		0.4	97.50
14-Mar-88	0.44		0.4	101.40
14-Mar-88	0.44		0.4	101.40
15-Mar-88	0.44		0.5	112.90
15-Mar-88	0.44		0.5	104.30

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Copper				
Type of Control Sample = ICP Interference Check Sample. continued				
12-Apr-88	1002.0		1002.0	100.00
15-Apr-88	0.44		0.5	104.50
15-Apr-88	0.44		0.5	103.40
20-Apr-88	953.4		953.4	100.00
20-Apr-88	955.6		955.6	100.00
28-Apr-88	0.43		0.4	102.30
28-Apr-88	0.43		0.4	99.30
28-Apr-88	0.43		0.4	103.50
28-Apr-88	0.43		0.4	103.50
28-Apr-88	0.43		0.4	99.30
28-Apr-88	0.43		0.4	102.30
28-Apr-88	1010.0		1010.0	100.00
28-Apr-88	1000.0		1000.0	100.00
07-Jun-88	0.43		0.5	107.00
07-Jun-88	0.43		0.5	107.00
07-Jun-88	0.43		0.4	95.30
16-Jun-88	0.44		0.4	90.10
16-Jun-88	0.44		0.4	99.30
16-Jun-88	0.44		0.4	97.30
30-Jun-88	0.43		0.4	102.77
30-Jun-88	0.43		0.4	102.80
Number of Samples = 68	Mean % Recovery =		99.5	CV (%) = 4.1
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Iron				
Type of Control Sample = Control Sample.				
16-Mar-88	13628.0		13628.0	100.00
31-Mar-88	15124.0		15124.0	100.00
11-Apr-88	200.0		199.0	99.50
11-Apr-88	1.0		1.0	101.00
11-Apr-88	100.0		94.1	94.10
11-Apr-88	100.0		93.3	93.30
12-Apr-88	200.0		201.0	100.50

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Iron				
Type of Control Sample = Control Sample. continued				
12-Apr-88	100.0		96.8	96.80
12-Apr-88	1.0		1.0	100.00
15-Apr-88	200.0		201.0	100.50
15-Apr-88	1.0		1.0	100.00
15-Apr-88	100.0		96.4	96.40
15-Apr-88	100.0		96.8	96.80
18-Apr-88	200.0		201.0	100.50
18-Apr-88	1.0		1.0	100.00
18-Apr-88	100.0		97.0	97.00
18-Apr-88	100.0		97.0	97.00
18-Apr-88	100.0		97.9	97.90
28-Apr-88	200.0		201.0	100.50
28-Apr-88	1.0		1.0	99.80
28-Apr-88	100.0		96.1	96.10
28-Apr-88	100.0		95.7	95.70
28-Apr-88	100.0		96.4	96.40
28-Apr-88	100.0		95.9	95.90
07-Jun-88	200.0		202.0	101.00
07-Jun-88	200.0		200.0	100.00
07-Jun-88	5.0		4.8	95.40
07-Jun-88	100.0		98.6	98.60
16-Jun-88	200.0		200.0	100.00
16-Jun-88	5.0		5.0	99.00
16-Jun-88	100.0		9.2	9.16
16-Jun-88	100.0		94.0	94.00
17-Jun-88	201.0		200.0	99.50
17-Jun-88	10.0		9.7	97.20
17-Jun-88	100.0		92.3	92.30
17-Jun-88	100.0		95.7	95.70
17-Jun-88	100.0		91.4	91.40
20-Jun-88	200.0		194.0	97.00
20-Jun-88	10.0		9.2	91.50
20-Jun-88	100.0		92.7	92.70
20-Jun-88	100.0		92.4	92.40
30-Jun-88	200.0		208.0	104.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Iron				
Type of Control Sample = ICP Interference Check Sample. continued				
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	15124.0		15124.0	100.00
20-Apr-88	14110.0		14110.0	100.00
20-Apr-88	14768.0		14768.0	100.00
28-Apr-88	15000.0		15000.0	100.00
28-Apr-88	14900.0		14900.0	100.00
30-Jun-88	100.0	<5X	175.0	175.00
Number of Samples = 48	Mean % Recovery =	97.5	CV (%) =	17.8
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Lead				
Type of Control Sample = Control Sample.				
16-Mar-88	493.0		493.0	100.00
31-Mar-88	478.0		478.0	100.00
11-Apr-88	10.0		10.1	101.00
11-Apr-88	1.0		1.0	104.00
11-Apr-88	5.0		4.6	91.00
11-Apr-88	5.0		4.6	91.20
12-Apr-88	10.0		10.2	102.00
12-Apr-88	5.0		4.6	91.40
12-Apr-88	1.0		1.1	108.00
15-Apr-88	10.0		10.2	102.00
15-Apr-88	1.0		1.1	107.00
15-Apr-88	5.0		4.6	91.20
15-Apr-88	5.0		4.6	91.40
18-Apr-88	10.0		10.1	101.00
18-Apr-88	1.0		1.1	109.00
18-Apr-88	5.0		5.1	102.40
18-Apr-88	5.0		5.1	102.20
18-Apr-88	5.0		5.2	103.60
28-Apr-88	10.0		10.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP · RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Lead				
Type of Control Sample = Control Sample. continued				
28-Apr-88	1.0		1.0	104.00
28-Apr-88	5.0		4.7	94.60
28-Apr-88	5.0		4.6	92.80
28-Apr-88	5.0		4.6	91.40
28-Apr-88	5.0		4.7	93.40
07-Jun-88	10.0		10.1	101.00
07-Jun-88	10.0		9.8	97.80
07-Jun-88	5.0		5.1	102.60
07-Jun-88	5.0		4.6	92.00
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		4.7	93.60
16-Jun-88	5.0		5.0	100.20
16-Jun-88	5.0		4.5	90.00
17-Jun-88	10.0		10.2	102.00
17-Jun-88	5.0		4.9	98.60
17-Jun-88	5.0		4.8	95.00
17-Jun-88	5.0		4.9	98.40
17-Jun-88	5.0		4.5	89.60
20-Jun-88	10.0		9.9	99.00
20-Jun-88	5.0		4.9	98.80
20-Jun-88	5.0		4.7	93.40
20-Jun-88	5.0		4.6	92.80
30-Jun-88	10.0		10.0	99.70
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	1.1		1.0	95.10
14-Mar-88	1.1		1.1	99.70
14-Mar-88	1.1		1.0	97.80
15-Mar-88	1.1		1.1	98.70
15-Mar-88	1.1		1.1	103.10
12-Apr-88	478.0		478.0	100.00
15-Apr-88	1.1		1.1	99.10
15-Apr-88	1.1		1.1	99.10
20-Apr-88	484.7		484.7	100.00
20-Apr-88	462.4		462.4	100.00
28-Apr-88	488.0		488.0	100.00
28-Apr-88	485.0		485.0	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Lead				
Type of Control Sample = ICP Interference Check Sample. continued				
30-Jun-88	0.90	<5X	1.0	106.00
Number of Samples = 55	Mean % Recovery =	98.5	CV (%) =	4.9
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Magnesium				
Type of Control Sample = Control Sample.				
16-Mar-88	2869.0		2869.0	100.00
31-Mar-88	3211.0		3211.0	100.00
11-Apr-88	300.0		297.0	99.00
11-Apr-88	8.4		8.3	99.05
11-Apr-88	150.0		138.0	92.00
11-Apr-88	150.0		138.0	92.00
12-Apr-88	300.0		300.0	100.00
12-Apr-88	8.4		8.5	100.95
12-Apr-88	150.0		143.0	95.33
15-Apr-88	300.0		300.0	100.00
15-Apr-88	8.4		8.5	100.95
15-Apr-88	150.0		143.0	95.33
15-Apr-88	150.0		142.0	94.67
18-Apr-88	300.0		303.0	101.00
18-Apr-88	8.4		8.7	103.45
18-Apr-88	150.0		148.0	98.67
18-Apr-88	150.0		147.0	98.00
18-Apr-88	150.0		147.0	98.00
28-Apr-88	300.0		300.0	100.00
28-Apr-88	5.0		4.8	96.20
28-Apr-88	150.0		140.0	93.33
28-Apr-88	150.0		142.0	94.67
07-Jun-88	300.0		304.0	101.33
07-Jun-88	300.0		300.0	100.00
07-Jun-88	8.4		9.0	107.14
07-Jun-88	150.0		151.0	100.67
16-Jun-88	300.0		301.0	100.33

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Magnesium				
Type of Control Sample = Control Sample. continued				
16-Jun-88	150.0		153.0	102.00
16-Jun-88	8.4		9.0	106.67
16-Jun-88	150.0		149.0	99.33
17-Jun-88	300.0		298.0	99.33
17-Jun-88	8.4		9.1	107.74
17-Jun-88	150.0		148.0	98.67
17-Jun-88	150.0		149.0	99.33
17-Jun-88	150.0		154.0	102.67
20-Jun-88	300.0		293.0	97.67
20-Jun-88	8.8		8.4	96.00
20-Jun-88	150.0		148.0	98.67
20-Jun-88	150.0		148.0	98.67
30-Jun-88	300.0		326.0	108.67
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	3211.0		3211.0	100.00
28-Apr-88	3230.0		3230.0	100.00
28-Apr-88	3150.0		3150.0	100.00
Number of Samples = 43	Mean % Recovery =	99.5	CV (%) =	3.7
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Manganese				
Type of Control Sample = Control Sample.				
16-Mar-88	181.0		181.0	100.00
31-Mar-88	199.0		199.0	100.00
11-Apr-88	9.9		9.9	100.00
11-Apr-88	1.0		1.1	105.00
11-Apr-88	5.0		5.1	102.80
11-Apr-88	5.0		5.2	103.40
12-Apr-88	10.0		10.0	99.60
12-Apr-88	5.0		5.2	103.20
12-Apr-88	1.0		1.0	101.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Manganese				
Type of Control Sample = Control Sample. continued				
15-Apr-88	10.0		10.0	100.00
15-Apr-88	1.0		1.0	101.00
15-Apr-88	5.0		5.2	103.20
15-Apr-88	5.0		5.2	103.00
18-Apr-88	300.0		303.0	101.00
18-Apr-88	1.0		1.0	101.00
18-Apr-88	5.0		4.9	98.60
18-Apr-88	5.0		4.9	98.60
18-Apr-88	5.0		4.9	98.20
28-Apr-88	10.0		10.0	100.00
28-Apr-88	1.0		1.1	106.00
28-Apr-88	5.0		5.2	104.20
28-Apr-88	5.0		5.2	104.40
28-Apr-88	5.0		5.2	104.80
28-Apr-88	5.0		5.2	103.00
07-Jun-88	10.0		9.9	98.90
07-Jun-88	10.0		9.9	98.80
07-Jun-88	5.0		5.1	102.60
07-Jun-88	5.0		4.9	98.80
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		4.8	96.60
16-Jun-88	5.0		5.0	99.20
16-Jun-88	5.0		5.0	100.20
17-Jun-88	10.0		10.0	99.70
17-Jun-88	5.0		5.0	100.00
17-Jun-88	5.0		4.9	98.40
17-Jun-88	5.0		4.8	95.60
17-Jun-88	5.0		4.8	95.60
20-Jun-88	10.0		9.8	98.10
20-Jun-88	5.0		4.9	97.20
20-Jun-88	5.0		4.8	97.00
20-Jun-88	5.0		4.9	97.60
30-Jun-88	10.0		9.9	98.70
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.45		0.4	95.80
14-Mar-88	0.45		0.4	95.10

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Manganese
Type of Control Sample = ICP Interference Check Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
14-Mar-88	0.45		0.4	96.20
15-Mar-88	0.45		0.5	100.20
15-Mar-88	0.45		0.5	102.20
12-Apr-88	199.0		199.0	100.00
15-Apr-88	0.45		0.5	103.60
15-Apr-88	0.45		0.5	102.40
20-Apr-88	186.6		186.6	100.00
20-Apr-88	189.6		189.6	100.00
28-Apr-88	0.45		0.5	99.60
28-Apr-88	0.45		0.5	99.10
28-Apr-88	0.45		0.5	99.10
28-Apr-88	0.45		0.5	99.10
28-Apr-88	0.45		0.5	99.10
28-Apr-88	0.45		0.5	99.60
28-Apr-88	198.0		198.0	100.00
28-Apr-88	197.0		197.0	100.00
07-Jun-88	0.44		0.4	95.50
07-Jun-88	0.44		0.5	102.30
07-Jun-88	0.44		0.5	102.30
16-Jun-88	0.46		0.4	96.50
16-Jun-88	0.46		0.5	98.70
16-Jun-88	0.46		0.5	98.70
30-Jun-88	0.44		0.4	100.45
30-Jun-88	0.44		0.4	100.50

Number of Samples = 68 Mean % Recovery = 100.0 CV (%) = 2.5

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Molybdenum

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Mar-88	5.0	<5X	5.0	100.00
31-Mar-88	4.9	ND	4.9	100.00
11-Apr-88	9.9		9.9	100.00
11-Apr-88	5.0		4.8	95.80
11-Apr-88	5.0		4.6	92.60
12-Apr-88	10.0		9.9	99.00
12-Apr-88	5.0		4.7	93.20
12-Apr-88	5.0		4.8	96.40
15-Apr-88	10.0		9.9	99.00
15-Apr-88	5.0		4.8	96.40
15-Apr-88	5.0		4.6	92.60
15-Apr-88	5.0		4.7	93.00
18-Apr-88	10.0		9.9	99.00
18-Apr-88	5.0		4.9	97.40
18-Apr-88	5.0		4.9	98.00
18-Apr-88	5.0		4.8	96.40
18-Apr-88	5.0		4.8	97.00
28-Apr-88	10.0		10.0	100.00
28-Apr-88	5.0		4.8	96.20
28-Apr-88	5.0		4.6	91.80
28-Apr-88	5.0		4.6	92.20
28-Apr-88	5.0		4.6	91.80
28-Apr-88	5.0		4.6	92.00
07-Jun-88	10.0		9.9	98.80
07-Jun-88	10.0		9.8	97.70
07-Jun-88	5.0		5.0	100.20
07-Jun-88	5.0		4.6	91.40
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		4.7	93.80
16-Jun-88	5.0		5.0	99.20
16-Jun-88	5.0		4.8	96.00
17-Jun-88	10.0		9.9	99.30
17-Jun-88	5.0		4.9	97.60
17-Jun-88	5.0		4.6	92.00
17-Jun-88	5.0		4.7	94.40
17-Jun-88	5.0		4.6	91.40
20-Jun-88	10.0		9.8	97.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Molybdenum				
Type of Control Sample = Control Sample. continued				
20-Jun-88	5.0		4.8	95.80
20-Jun-88	5.0		4.7	94.20
20-Jun-88	5.0		4.7	94.20
30-Jun-88	10.0		10.0	99.80
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	4.9		4.9	100.00
28-Apr-88	5.0		5.0	100.00
28-Apr-88	5.0		5.0	100.00
30-Jun-88	0.050	ND	0.1	1.00
Number of Samples = 45	Mean % Recovery =	94.3	CV (%) =	15.4

Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Nickel				
Type of Control Sample = Control Sample.				
16-Mar-88	152.0		152.0	100.00
31-Mar-88	166.0		166.0	100.00
11-Apr-88	10.0		9.8	98.00
11-Apr-88	1.0		1.0	101.00
11-Apr-88	5.0		5.2	103.40
11-Apr-88	5.0		5.2	103.00
12-Apr-88	10.0		9.9	99.40
12-Apr-88	5.0		5.2	104.00
12-Apr-88	1.0		1.0	101.00
15-Apr-88	10.0		9.9	99.00
15-Apr-88	1.0		1.0	101.00
15-Apr-88	5.0		5.2	104.00
15-Apr-88	5.0		5.2	104.00
18-Apr-88	10.0		10.1	101.00
18-Apr-88	100.0		102.0	102.00
18-Apr-88	5.0		5.1	101.60
18-Apr-88	5.0		5.1	101.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Nickel				
Type of Control Sample = Control Sample. continued				
18-Apr-88	5.0		5.1	101.20
28-Apr-88	10.0		10.0	100.00
28-Apr-88	1.0		1.0	100.00
28-Apr-88	5.0		5.2	104.40
28-Apr-88	5.0		5.2	104.00
28-Apr-88	5.0		5.2	104.80
28-Apr-88	5.0		5.2	103.40
07-Jun-88	10.0		9.9	98.70
07-Jun-88	10.0		9.9	99.30
07-Jun-88	5.0		5.1	102.40
07-Jun-88	5.0		4.9	97.20
16-Jun-88	10.0		9.9	99.10
16-Jun-88	5.0		4.8	95.40
16-Jun-88	5.0		4.9	98.40
16-Jun-88	5.0		5.0	100.00
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		5.0	99.60
17-Jun-88	5.0		4.8	96.00
17-Jun-88	5.0		5.0	99.80
17-Jun-88	5.0		4.8	95.80
20-Jun-88	10.0		9.7	96.80
20-Jun-88	5.0		4.8	95.60
20-Jun-88	5.0		4.8	96.00
20-Jun-88	5.0		4.8	95.60
30-Jun-88	10.0		9.9	98.70
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.91		0.9	99.10
14-Mar-88	0.91		0.9	100.90
14-Mar-88	0.91		0.9	98.20
15-Mar-88	0.91		0.9	103.30
15-Mar-88	0.91		0.9	101.30
12-Apr-88	166.0		166.0	100.00
15-Apr-88	0.91		0.9	102.00
15-Apr-88	0.91		0.9	101.20
20-Apr-88	158.0		158.0	100.00
20-Apr-88	156.1		156.1	100.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Nickel				
Type of Control Sample = ICP Interference Check Sample. continued				
28-Apr-88	0.87		0.9	103.10
28-Apr-88	0.87		0.9	103.80
28-Apr-88	0.87		0.9	101.50
28-Apr-88	0.87		0.9	101.50
28-Apr-88	0.87		0.9	103.10
28-Apr-88	0.87		0.9	103.80
28-Apr-88	163.0		163.0	100.00
28-Apr-88	166.0		166.0	100.00
07-Jun-88	0.87		0.8	94.30
07-Jun-88	0.87		0.9	101.10
07-Jun-88	0.87		0.9	102.30
16-Jun-88	0.88		0.9	99.50
16-Jun-88	0.88		0.9	98.50
16-Jun-88	0.88		0.8	93.20
30-Jun-88	0.87		0.9	99.20
Number of Samples = 67	Mean % Recovery =		100.3	CV (%) = 2.6
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Potassium				
Type of Control Sample = Control Sample.				
16-Mar-88	553.0		553.0	100.00
31-Mar-88	536.0		536.0	100.00
11-Apr-88	300.0		98.0	32.67
11-Apr-88	10.0		9.8	97.90
11-Apr-88	50.0		50.8	101.60
11-Apr-88	50.0		50.9	101.80
12-Apr-88	100.0		99.4	99.40
12-Apr-88	50.0		51.2	102.40
12-Apr-88	10.0		9.6	95.60
15-Apr-88	100.0		99.4	99.40
15-Apr-88	9.8		9.1	92.45
15-Apr-88	50.0		49.7	99.40
15-Apr-88	50.0		51.2	102.40

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Potassium				
Type of Control Sample = Control Sample. continued				
18-Apr-88	100.0		99.5	99.50
18-Apr-88	9.8		9.6	97.45
18-Apr-88	20.0		21.4	107.00
18-Apr-88	20.0		21.0	105.00
18-Apr-88	20.0		21.0	105.00
28-Apr-88	100.0		100.0	100.00
28-Apr-88	10.0		9.9	99.00
28-Apr-88	50.0		50.1	100.20
28-Apr-88	50.0		50.2	100.40
28-Apr-88	50.0		49.7	99.40
28-Apr-88	50.0		49.7	99.40
07-Jun-88	100.0		101.0	101.00
07-Jun-88	100.0		100.0	100.00
07-Jun-88	9.8		9.2	93.67
07-Jun-88	50.0		54.0	108.00
16-Jun-88	100.0		99.1	99.10
16-Jun-88	50.0		5.2	10.30
16-Jun-88	50.0		53.8	107.60
16-Jun-88	9.8		9.3	94.69
17-Jun-88	100.0		98.6	98.60
17-Jun-88	50.0		50.1	100.20
17-Jun-88	50.0		52.1	104.20
17-Jun-88	50.0		50.9	101.80
20-Jun-88	100.0		98.1	98.10
20-Jun-88	9.8		9.1	92.45
20-Jun-88	50.0		53.1	106.20
20-Jun-88	50.0		52.4	104.80
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	536.0		536.0	100.00
28-Apr-88	530.0		530.0	100.00
28-Apr-88	549.0		549.0	100.00
30-Jun-88	0.30	ND	0.3	1.00

Number of Samples = 44 Mean % Recovery = 94.5 CV (%) = 23.7

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Selenium

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
31-Mar-88	33.8	<5X	33.8	100.00
11-Apr-88	10.0		10.2	102.00
11-Apr-88	0.99		0.8	80.81
11-Apr-88	5.0		5.2	104.00
11-Apr-88	5.0		5.3	106.60
12-Apr-88	10.0		10.1	101.00
12-Apr-88	5.0		5.2	103.00
12-Apr-88	0.99		0.8	84.85
15-Apr-88	10.0		10.1	101.00
15-Apr-88	0.99		0.8	84.34
15-Apr-88	5.0		5.2	103.00
15-Apr-88	5.0		5.0	99.80
18-Apr-88	10.0		10.4	104.00
18-Apr-88	0.99		1.0	95.96
18-Apr-88	5.0		5.2	103.40
18-Apr-88	5.0		5.0	100.60
18-Apr-88	5.0		5.0	100.40
28-Apr-88	10.0		9.9	99.00
28-Apr-88	0.99		0.7	72.73
28-Apr-88	5.0		5.0	99.20
28-Apr-88	5.0		5.0	100.60
28-Apr-88	5.0		5.2	103.20
28-Apr-88	5.0		5.0	99.20
07-Jun-88	10.0		9.8	98.40
07-Jun-88	10.0		9.6	96.10
07-Jun-88	5.0		5.4	107.40
07-Jun-88	5.0		5.0	99.20
16-Jun-88	10.0		10.3	103.00
16-Jun-88	5.0		5.2	103.60
16-Jun-88	5.0		5.2	104.20
16-Jun-88	5.0		5.0	99.00
17-Jun-88	10.0		9.9	98.80
17-Jun-88	5.0		4.8	97.00
17-Jun-88	5.0		4.8	96.00
17-Jun-88	5.0		4.6	91.80
17-Jun-88	5.0		4.9	97.60
20-Jun-88	10.0		9.8	97.60
20-Jun-88	5.0		4.8	96.20

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Selenium				
Type of Control Sample = Control Sample. continued				
20-Jun-88	5.0		4.7	94.40
20-Jun-88	5.0		4.5	90.80
30-Jun-88	10.0		9.8	97.80
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	33.8		33.8	100.00
28-Apr-88	29.7		29.7	100.00
28-Apr-88	30.0		30.0	100.00
30-Jun-88	1.0	<5X	1.8	181.00
Number of Samples = 45	Mean % Recovery =	100.0	CV (%) =	14.0

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Silicon

Type of Control Sample = Control Sample.

16-Mar-88	246.0		246.0	100.00
31-Mar-88	227.0		227.0	100.00
11-Apr-88	100.0		98.0	98.00
11-Apr-88	0.50		0.4	84.00
11-Apr-88	50.0		136.0	272.00
11-Apr-88	50.0		137.0	274.00
12-Apr-88	100.0		99.0	99.00
12-Apr-88	0.50		0.5	106.00
12-Apr-88	10.0		10.4	104.00
15-Apr-88	100.0		99.0	99.00
15-Apr-88	5.0		5.3	106.20
15-Apr-88	10.0		10.5	105.00
15-Apr-88	10.0		10.4	104.00
18-Apr-88	100.0		102.0	102.00
18-Apr-88	5.0		5.4	107.40
18-Apr-88	150.0		154.0	102.67
18-Apr-88	150.0		154.0	102.67
18-Apr-88	150.0		155.0	103.33

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Silicon				
Type of Control Sample = Control Sample. continued				
28-Apr-88	100.0		101.0	101.00
28-Apr-88	5.0		5.4	108.00
28-Apr-88	10.0		10.6	106.00
28-Apr-88	10.0		10.5	105.00
28-Apr-88	200.0		208.0	104.00
28-Apr-88	10.0		10.7	107.00
07-Jun-88	100.0		97.2	97.20
07-Jun-88	100.0		95.4	95.40
07-Jun-88	10.0		10.4	104.00
07-Jun-88	10.0		10.8	108.00
16-Jun-88	100.0		100.0	100.00
16-Jun-88	10.0		11.0	110.00
16-Jun-88	10.0		10.6	106.00
16-Jun-88	5.0		5.7	114.60
17-Jun-88	100.0		99.2	99.20
17-Jun-88	50.0		50.9	101.80
17-Jun-88	10.0		9.0	89.80
17-Jun-88	10.0		9.2	92.00
17-Jun-88	10.0		9.2	91.90
20-Jun-88	100.0		98.2	98.20
20-Jun-88	50.0		49.6	99.20
20-Jun-88	10.0		9.3	92.60
20-Jun-88	10.0		9.3	93.10
30-Jun-88	100.0		101.0	101.00
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	277.0		277.0	100.00
28-Apr-88	267.0		267.0	100.00
28-Apr-88	310.0		310.0	100.00
30-Jun-88	0.30	ND	0.3	1.00

Number of Samples = 46 Mean % Recovery = 106.4 CV (%) = 36.9

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Silver

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Mar-88	74.6		74.6	100.00
31-Mar-88	75.0		75.0	100.00
11-Apr-88	10.0		10.2	102.00
11-Apr-88	99.0		1.0	1.02
11-Apr-88	5.0		4.7	94.80
11-Apr-88	5.0		4.7	94.80
12-Apr-88	10.0		10.2	102.00
12-Apr-88	5.0		4.7	94.80
12-Apr-88	0.99		1.0	103.03
15-Apr-88	10.0		10.2	102.00
15-Apr-88	0.99		1.0	103.03
15-Apr-88	5.0		4.7	94.60
15-Apr-88	5.0		4.7	94.80
18-Apr-88	10.0		10.3	103.00
18-Apr-88	0.99		1.0	103.03
18-Apr-88	5.0		4.9	98.20
18-Apr-88	5.0		4.9	97.60
18-Apr-88	5.0		4.8	97.00
28-Apr-88	10.0		10.4	104.00
28-Apr-88	0.99		1.0	97.98
28-Apr-88	5.0		4.8	96.40
28-Apr-88	5.0		4.8	96.60
28-Apr-88	5.0		4.9	98.60
28-Apr-88	5.0		4.9	98.60
07-Jun-88	10.0		9.9	99.00
07-Jun-88	10.0		9.9	98.50
07-Jun-88	5.0		5.0	99.00
07-Jun-88	5.0		4.6	99.00
16-Jun-88	10.0		10.2	102.00
16-Jun-88	5.0		4.7	94.00
16-Jun-88	5.0		4.7	94.80
16-Jun-88	5.0		5.1	101.20
17-Jun-88	10.0		10.2	102.00
17-Jun-88	5.0		5.0	100.60
17-Jun-88	5.0		5.0	99.20
17-Jun-88	5.0		5.0	99.40
17-Jun-88	5.0		4.9	97.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Silver				
Type of Control Sample = Control Sample. continued				
20-Jun-88	10.0		10.5	105.00
20-Jun-88	5.0		5.0	100.60
20-Jun-88	5.0		5.2	103.00
20-Jun-88	5.0		5.1	102.80
30-Jun-88	10.0		10.1	101.00
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.98		0.9	95.60
14-Mar-88	0.98		0.9	96.10
14-Mar-88	0.98		1.0	98.40
15-Mar-88	0.98		0.9	93.00
15-Mar-88	0.98		1.0	97.90
12-Apr-88	75.0		75.0	100.00
15-Apr-88	0.98		0.9	93.40
15-Apr-88	0.98		0.9	95.50
20-Apr-88	73.0		73.0	100.00
20-Apr-88	77.2		77.2	100.00
28-Apr-88	0.90		0.9	98.30
28-Apr-88	0.90		0.9	98.80
28-Apr-88	0.90		0.9	97.00
28-Apr-88	0.90		0.9	97.00
28-Apr-88	0.90		0.9	98.30
28-Apr-88	0.90		0.9	98.80
28-Apr-88	77.5		77.5	100.00
28-Apr-88	76.9		76.9	100.00
07-Jun-88	0.90		0.9	98.90
07-Jun-88	0.90		0.8	91.10
07-Jun-88	0.90		0.9	100.00
16-Jun-88	0.92		0.9	92.40
16-Jun-88	0.92		0.9	96.60
16-Jun-88	0.92		0.9	96.40
30-Jun-88	0.90		0.8	87.10
30-Jun-88	0.90		0.8	87.08

Number of Samples = 68 Mean % Recovery = 96.8 CV (%) = 12.7

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Sodium

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Mar-88	427.0		427.0	100.00
31-Mar-88	446.0		446.0	100.00
11-Apr-88	300.0		300.0	100.00
11-Apr-88	0.86		0.5	58.14
11-Apr-88	150.0		144.0	96.00
11-Apr-88	150.0		145.0	96.67
12-Apr-88	300.0		300.0	100.00
12-Apr-88	150.0		150.0	100.00
12-Apr-88	46.5		50.5	108.60
15-Apr-88	300.0		300.0	100.00
15-Apr-88	46.5		50.5	108.60
15-Apr-88	150.0		150.0	100.00
15-Apr-88	150.0		150.0	100.00
18-Apr-88	300.0		302.0	100.67
18-Apr-88	46.5		49.1	105.59
18-Apr-88	150.0		150.0	100.00
18-Apr-88	150.0		150.0	100.00
18-Apr-88	150.0		149.0	99.33
28-Apr-88	300.0		300.0	100.00
28-Apr-88	46.5		50.3	108.17
28-Apr-88	150.0		148.0	98.67
28-Apr-88	150.0		149.0	99.33
28-Apr-88	150.0		148.0	98.67
28-Apr-88	150.0		148.0	98.67
07-Jun-88	300.0		299.0	99.67
07-Jun-88	300.0		302.0	100.67
07-Jun-88	46.5		50.0	107.53
07-Jun-88	150.0		153.0	102.00
16-Jun-88	300.0		297.0	99.00
16-Jun-88	150.0		153.0	102.00
16-Jun-88	150.0		154.0	102.67
16-Jun-88	46.5		49.7	106.88
17-Jun-88	300.0		296.0	98.67
17-Jun-88	46.5		50.3	108.17
17-Jun-88	150.0		150.0	100.00
17-Jun-88	150.0		151.0	100.67
20-Jun-88	300.0		296.0	98.67
20-Jun-88	46.5		49.6	106.67

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Sodium				
Type of Control Sample = Control Sample. continued				
20-Jun-88	150.0		153.0	102.00
20-Jun-88	150.0		155.0	103.33
30-Jun-88	300.0		324.0	108.00
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	446.0		446.0	100.00
28-Apr-88	448.0		448.0	100.00
28-Apr-88	398.0		398.0	100.00
30-Jun-88	0.080	ND	0.1	1.00
Number of Samples = 45	Mean % Recovery =	98.3	CV (%) =	16.8
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Thallium				
Type of Control Sample = Control Sample.				
31-Mar-88	8.8	ND	8.8	100.00
11-Apr-88	2.0		1.9	96.00
11-Apr-88	5.0		5.0	100.40
11-Apr-88	5.0		5.1	101.00
12-Apr-88	10.0		10.1	101.00
12-Apr-88	2.0		2.0	98.00
12-Apr-88	5.0		5.1	101.60
15-Apr-88	10.0		10.1	101.00
15-Apr-88	2.0		2.0	98.00
15-Apr-88	5.0		5.1	101.80
15-Apr-88	5.0		5.5	110.00
18-Apr-88	10.0		10.1	101.00
18-Apr-88	2.5		2.7	109.60
18-Apr-88	5.0		5.5	110.60
18-Apr-88	5.0		5.3	106.60
18-Apr-88	5.0		5.5	110.40
28-Apr-88	10.0		9.9	99.00
28-Apr-88	2.0		1.9	94.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Thallium				
Type of Control Sample = Control Sample. continued				
28-Apr-88	5.0		5.2	104.80
28-Apr-88	5.0		5.1	101.80
28-Apr-88	5.0		5.3	105.40
28-Apr-88	5.0		5.1	101.40
07-Jun-88	10.0		10.2	102.00
07-Jun-88	10.0		9.8	97.80
07-Jun-88	5.0		5.1	101.80
07-Jun-88	5.0		5.0	99.20
16-Jun-88	10.0		10.2	102.00
16-Jun-88	5.0		5.2	103.20
16-Jun-88	5.0		5.0	99.00
16-Jun-88	5.0		4.9	98.60
17-Jun-88	10.0		10.1	101.00
17-Jun-88	5.0		4.8	96.20
17-Jun-88	5.0		4.7	94.40
17-Jun-88	5.0		5.0	99.00
17-Jun-88	5.0		5.0	99.80
20-Jun-88	10.0		9.5	95.00
20-Jun-88	5.0		4.5	90.40
20-Jun-88	5.0		4.9	97.20
20-Jun-88	5.0		4.7	93.40
30-Jun-88	10.0		9.8	98.40
Type of Control Sample = ICP Interference Check Sample.				
12-Apr-88	8.8		8.8	100.00
28-Apr-88	8.9		8.9	100.00
28-Apr-88	12.2		12.2	100.00
30-Jun-88	0.10	<5X	0.1	1.00

Number of Samples = 44 Mean % Recovery = 98.2 CV (%) = 15.9

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Vanadium

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
31-Mar-88	12.7		12.7	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	2.5		2.6	105.60
11-Apr-88	5.0		5.2	103.80
11-Apr-88	5.0		5.2	104.40
12-Apr-88	10.0		10.0	100.00
12-Apr-88	2.5		2.6	103.60
12-Apr-88	5.0		5.2	104.80
15-Apr-88	10.0		10.0	100.00
15-Apr-88	2.5		2.6	103.60
15-Apr-88	5.0		5.2	103.40
15-Apr-88	5.0		5.2	104.80
18-Apr-88	10.0		10.1	101.00
18-Apr-88	2.5		2.5	100.80
18-Apr-88	5.0		4.8	97.00
18-Apr-88	5.0		4.9	97.20
18-Apr-88	5.0		4.8	96.60
28-Apr-88	10.0		10.0	100.00
28-Apr-88	2.5		2.6	104.80
28-Apr-88	5.0		5.3	106.00
28-Apr-88	5.0		5.2	103.60
28-Apr-88	5.0		5.2	104.80
28-Apr-88	5.0		5.2	103.40
07-Jun-88	10.0		9.9	98.80
07-Jun-88	2.5		2.5	102.00
07-Jun-88	5.0		4.9	98.60
16-Jun-88	10.0		10.0	100.00
16-Jun-88	2.5		2.5	98.80
16-Jun-88	5.0		4.8	95.40
16-Jun-88	5.0		4.9	98.80
17-Jun-88	10.0		10.0	99.80
17-Jun-88	2.5		2.5	98.80
17-Jun-88	5.0		4.8	95.80
17-Jun-88	5.0		4.9	98.60
17-Jun-88	5.0		4.8	95.00
20-Jun-88	10.0		9.8	97.60
20-Jun-88	2.5		2.4	95.60

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Vanadium				
Type of Control Sample = Control Sample. continued				
20-Jun-88	5.0*		4.8	96.60
20-Jun-88	5.0		4.8	95.80
30-Jun-88	10.0		9.9	99.00
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.43		0.4	94.90
14-Mar-88	0.43		0.4	103.70
14-Mar-88	0.43		0.4	101.90
15-Mar-88	0.43		0.5	115.20
15-Mar-88	0.43		0.5	105.80
12-Apr-88	12.7		12.7	100.00
15-Apr-88	0.43		0.5	105.40
15-Apr-88	0.43		0.5	111.90
20-Apr-88	7.7		7.7	100.00
20-Apr-88	10.4		10.4	100.00
28-Apr-88	0.38		0.4	116.70
28-Apr-88	0.38		0.4	118.30
28-Apr-88	0.38		0.5	126.70
28-Apr-88	0.38		0.5	126.70
28-Apr-88	0.38		0.4	116.70
28-Apr-88	0.38		0.4	118.30
28-Apr-88	12.9		12.9	100.00
28-Apr-88	11.3		11.3	100.00
07-Jun-88	0.54		0.5	100.00
07-Jun-88	0.54		0.6	103.70
07-Jun-88	0.54		0.5	87.00
16-Jun-88	0.52		0.5	100.80
16-Jun-88	0.52		0.5	103.10
16-Jun-88	0.52		0.5	89.40
30-Jun-88	0.54		0.5	98.10
30-Jun-88	0.54		0.5	98.14

Number of Samples = 66 Mean % Recovery = 102.4 CV (%) = 7.2

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Municipal Sludge
Analyte = Zinc

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
16-Mar-88	1093.0		1093.0	100.00
31-Mar-88	1176.0		1176.0	100.00
11-Apr-88	10.0		9.9	99.00
11-Apr-88	1.0		1.1	110.00
11-Apr-88	5.0		5.2	103.60
11-Apr-88	5.0		5.2	103.00
12-Apr-88	10.0		9.9	99.50
12-Apr-88	5.0		5.3	106.80
12-Apr-88	1.0		1.1	106.00
15-Apr-88	10.0		9.9	99.00
15-Apr-88	1.0		1.1	106.00
15-Apr-88	5.0		5.3	106.80
15-Apr-88	5.0		5.3	106.40
18-Apr-88	10.0		10.2	102.00
18-Apr-88	1.0		1.1	108.00
18-Apr-88	5.0		5.1	102.00
18-Apr-88	5.0		5.1	101.80
18-Apr-88	5.0		5.1	101.40
28-Apr-88	10.0		9.9	99.00
28-Apr-88	1.1		1.0	95.24
28-Apr-88	5.0		5.3	105.40
28-Apr-88	5.0		5.2	104.00
28-Apr-88	5.0		5.2	103.80
28-Apr-88	5.0		5.3	106.80
07-Jun-88	10.0		9.9	99.50
07-Jun-88	5.0		5.4	108.00
07-Jun-88	5.0		5.1	101.20
16-Jun-88	10.0		10.0	100.00
16-Jun-88	5.0		5.0	100.40
16-Jun-88	5.0		4.8	96.60
16-Jun-88	5.0		5.2	104.20
17-Jun-88	10.0		10.0	100.00
17-Jun-88	5.0		5.4	108.40
17-Jun-88	5.0		5.1	102.40
17-Jun-88	5.0		4.9	98.60
17-Jun-88	5.0		4.9	98.40
20-Jun-88	10.0		9.7	96.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICPES, EPA 200.7 elements				
Matrix: Municipal Sludge				
Analyte = Zinc				
Type of Control Sample = Control Sample. continued				
20-Jun-88	5.0		5.1	101.00
20-Jun-88	5.0		4.9	97.20
20-Jun-88	5.0		4.9	97.80
30-Jun-88	10.0		9.9	99.40
Type of Control Sample = ICP Interference Check Sample.				
14-Mar-88	0.77		0.8	97.90
14-Mar-88	0.77		0.8	99.30
14-Mar-88	0.77		0.8	101.20
15-Mar-88	0.77		0.9	112.10
15-Mar-88	0.77		0.9	114.60
12-Apr-88	1176.0		1176.0	100.00
15-Apr-88	0.77		0.8	110.40
15-Apr-88	0.77		0.8	109.90
20-Apr-88	1130.0		1130.0	100.00
20-Apr-88	1141.0		1141.0	100.00
28-Apr-88	0.80		0.8	101.80
28-Apr-88	0.80		0.8	100.50
28-Apr-88	0.80		0.8	104.40
28-Apr-88	0.80		0.8	100.50
28-Apr-88	0.80		0.8	101.80
28-Apr-88	0.80		0.8	104.40
28-Apr-88	1200.0		1200.0	100.00
28-Apr-88	1200.0		1200.0	100.00
07-Jun-88	0.92		0.9	94.60
07-Jun-88	0.92		0.9	98.90
07-Jun-88	0.92		1.0	103.30
16-Jun-88	0.98		0.9	91.10
16-Jun-88	0.98		0.9	95.30
16-Jun-88	0.98		0.9	95.00
30-Jun-88	0.92		0.9	95.70
30-Jun-88	0.92		0.9	95.74

Number of Samples = 67 Mean % Recovery = 101.7 CV (%) = 4.5

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Nitrate + nitrite
Matrix: Aqueous
Analyte = NO3-NO2-N

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-Mar-88	1.0		1.0	103.00
02-Mar-88	1.0		1.0	101.00
02-Mar-88	1.0		1.0	99.00
07-Mar-88	1.0		1.1	109.00
07-Mar-88	1.0		1.1	105.00
07-Mar-88	1.0		1.1	108.00
07-Mar-88	1.0		1.1	105.00
07-Mar-88	1.0		1.1	105.00
07-Mar-88	1.0		1.1	108.00
07-Mar-88	1.0		1.0	104.00
16-Mar-88	1.0		1.1	109.00
16-Mar-88	1.0		1.1	105.00
16-Mar-88	1.0		1.1	108.00
11-Apr-88	2.0		2.0	101.00
11-Apr-88	2.0		2.0	101.00
21-Apr-88	2.0		2.0	101.50
21-Apr-88	2.0		2.0	101.00
21-Apr-88	2.0		2.0	101.50
21-Apr-88	2.0		2.0	99.50
21-Apr-88	2.0		2.0	99.50
21-Apr-88	2.0		2.0	99.50
21-Apr-88	2.0		2.0	101.50
21-Apr-88	2.0		2.0	100.00
21-Apr-88	2.0		2.0	101.50
21-Apr-88	2.0		2.0	101.00

Number of Samples = 25 Mean % Recovery = 103.1 CV (%) = 3.2

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Nitrate + nitrite				
Matrix: Municipal Sludge				
Analyte = NO3-NO2-N				
Type of Control Sample = Control Sample.				
15-Mar-88	1.0		1.1	105.00
15-Mar-88	1.0		1.0	102.00
Number of Samples = 2	Mean % Recovery = 103.5		CV (%) =	2.0
Method: Nitrate, colorimetric				
Matrix: Aqueous				
Analyte = NO3				
Type of Control Sample = Control Sample.				
15-Apr-88	0.93		0.9	98.92
15-Apr-88	0.93		1.0	105.37
15-Apr-88	0.93		0.9	96.77
15-Apr-88	0.93		0.9	100.00
15-Apr-88	0.93		0.9	98.92
15-Apr-88	0.93		0.9	100.00
15-Apr-88	0.93		0.8	90.32
15-Apr-88	2.0		2.2	112.00
16-Apr-88	0.93		0.8	82.80
16-Apr-88	0.93		0.9	94.62
16-Apr-88	0.93		0.8	84.95
16-Apr-88	0.93		0.8	82.80
16-Apr-88	0.93		0.9	98.92
16-Apr-88	0.93		0.9	94.62
16-Apr-88	0.93		0.8	89.25
Number of Samples = 15	Mean % Recovery = 95.4		CV (%) =	8.6

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Nitrate, colorimetric				
Matrix: Municipal Sludge				
Analyte = NO3				
Type of Control Sample = Control Sample.				
08-Mar-88	1.0		1.0	98.00
08-Mar-88	1.0		1.0	98.00
08-Mar-88	1.0		1.0	98.00
08-Mar-88	1.0		1.0	98.00
Number of Samples = 4	Mean % Recovery =	98.0	CV (%) =	.0

Method: Oil and grease, infrared				
Matrix: Aqueous				
Analyte = ONG				
Type of Control Sample = Control Sample.				
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		211.0	104.45
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		211.0	104.45
11-Mar-88	202.0		212.0	104.95
15-Apr-88	212.0		201.0	94.81
15-Apr-88	212.0		209.0	98.58
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		205.0	96.70
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		199.0	93.87
21-Apr-88	212.0		205.0	96.70
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		199.0	93.87
21-Apr-88	212.0		206.0	97.17
Number of Samples = 18	Mean % Recovery =	99.7	CV (%) =	4.4

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Oil and grease, infrared				
Matrix: Municipal Sludge				
Analyte = ONG				
Type of Control Sample = Control Sample.				
05-Feb-88	202.0		194.0	96.53
05-Feb-88	202.0		195.0	96.53
05-Feb-88	202.0		195.0	96.53
05-Feb-88	202.0		195.0	96.53
11-Feb-88	216.0		208.0	96.30
11-Feb-88	216.0		206.0	95.37
24-Feb-88	216.0		210.0	97.22
24-Feb-88	216.0		210.0	97.22
24-Feb-88	216.0		213.0	98.61
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		211.0	104.95
11-Mar-88	202.0		211.0	104.46
11-Mar-88	202.0		212.0	104.95
11-Mar-88	202.0		212.0	104.95
Number of Samples = 15	Mean % Recovery = 100.0		CV (%) =	4.2
Method: Oil and grease, infrared				
Matrix: Municipal Sludge				
Analyte = ONG/HC				
Type of Control Sample = Control Sample.				
21-Apr-88	212.0		206.0	97.17
21-Apr-88	212.0		205.0	96.70
21-Apr-88	212.0		199.0	93.87
Number of Samples = 3	Mean % Recovery = 95.9		CV (%) =	1.9

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Orthophosphate
Matrix: Aqueous
Analyte = O-PO4

Type of Control Sample = Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-Mar-88	0.50		0.5	93.40
02-Mar-88	0.50		0.5	94.20
02-Mar-88	5.0		0.5	9.34
04-Mar-88	0.50		0.5	92.00
04-Mar-88	0.50		0.5	92.00
04-Mar-88	0.50		0.5	92.00
07-Apr-88	0.50		0.5	102.00
07-Apr-88	0.50		0.5	104.00
09-Apr-88	0.50		0.5	103.20
09-Apr-88	0.50		0.5	102.00
13-Apr-88	0.50		0.5	100.20
13-Apr-88	0.50		0.5	99.00
13-Apr-88	0.50		0.5	100.20
13-Apr-88	0.50		0.5	99.00
13-Apr-88	0.50		0.5	103.20
15-Apr-88	0.50		0.5	102.00
15-Apr-88	0.50		0.5	102.00
16-Apr-88	0.50		0.5	100.80
16-Apr-88	0.50		0.5	99.80
16-Apr-88	0.50		0.5	100.80
16-Apr-88	0.50		0.5	100.00
16-Apr-88	0.50		0.5	100.00

Number of Samples = 22 Mean % Recovery = 95.1 CV (%) = 20.5

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Orthophosphate				
Matrix: Municipal Sludge				
Analyte = O-PO4				
Type of Control Sample = Control Sample.				
26-Feb-88	0.50		0.5	92.00
26-Feb-88	0.50		0.5	91.00
27-Feb-88	0.50		0.5	91.00
27-Feb-88	0.50		0.4	87.40
02-Mar-88	0.50		0.5	93.40
02-Mar-88	0.50		0.5	93.40
Number of Samples = 6	Mean % Recovery =		91.4	CV (%) = 2.4
Method: Lead, graphite AA				
Matrix: Aqueous				
Analyte = Pb				
Type of Control Sample = Control Sample.				
26-Feb-88	100.0		108.0	108.00
26-Feb-88	100.0		102.0	102.00
26-Feb-88	100.0		104.0	104.00
01-Mar-88	1.0		1.0	96.00
01-Mar-88	1.0		0.1	11.00
01-Mar-88	1.0		0.1	10.00
14-Mar-88	0.10		0.1	100.00
14-Mar-88	0.10		0.1	92.00
14-Mar-88	0.10		0.1	92.00
17-Mar-88	0.10		0.1	92.00
17-Mar-88	0.10		0.1	98.00
17-Mar-88	0.10		0.1	98.00
17-Mar-88	0.10		0.1	102.00
24-Mar-88	0.10		0.1	98.00
24-Mar-88	0.10		0.1	96.00
24-Mar-88	0.10		0.1	98.00
21-Apr-88	0.10		0.1	110.00
21-Apr-88	0.10		0.1	110.00
21-Apr-88	0.10		0.1	104.00
21-Apr-88	0.10		0.1	108.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Lead, graphite AA				
Matrix: Aqueous				
Analyte = Pb				
Type of Control Sample = Control Sample. continued				
21-Apr-88	0.10		0.1	104.00
21-Apr-88	0.10		0.1	102.00
21-Apr-88	0.10		0.1	106.00
26-Apr-88	0.10		0.1	98.00
26-Apr-88	0.10		0.1	104.00
26-Apr-88	0.10		0.1	102.00
26-Apr-88	0.10		0.1	100.00
26-Apr-88	0.10		0.1	102.00
26-Apr-88	0.10		0.1	102.00
26-Apr-88	0.10		0.1	100.00
26-Apr-88	0.10		0.1	100.00
26-Apr-88	0.10		0.1	106.00
26-Apr-88	0.10		0.1	100.00
26-Apr-88	0.10		0.1	106.00
30-Jun-88	10.0		10.0	99.70
Number of Samples = 35	Mean % Recovery =		96.0	CV (%) = 22.8
Method: Lead, graphite AA				
Matrix: Municipal Sludge				
Analyte = Pb				
Type of Control Sample = Control Sample.				
15-Feb-88	50.0		46.0	92.00
15-Feb-88	45.0		47.0	104.44
15-Feb-88	50.0		50.0	100.00
15-Feb-88	50.0		51.0	102.00
09-Mar-88	0.10		0.1	104.00
09-Mar-88	0.10		0.1	96.00
09-Mar-88	0.10		0.1	96.00
09-Mar-88	0.10		0.1	104.00
09-Mar-88	0.10		0.1	96.00
09-Mar-88	0.10		0.1	96.00
14-Mar-88	0.10		0.1	100.00
14-Mar-88	0.10		0.1	92.00
14-Mar-88	0.10		0.1	92.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Lead, graphite AA				
Matrix: Municipal Sludge				
Analyte = Pb				
Type of Control Sample = Control Sample. continued				
14-Mar-88	0.10		0.1	100.00
24-Mar-88	0.10		0.1	98.00
24-Mar-88	0.10		0.1	96.00
24-Mar-88	0.10		0.1	98.00
18-Apr-88	0.10		0.1	102.00
18-Apr-88	0.10		0.1	104.00
18-Apr-88	0.10		0.1	96.00
Number of Samples = 20	Mean % Recovery =	98.4	CV (%) =	4.2
Method: Selenium, graphite AA				
Matrix: Aqueous				
Analyte = Se				
Type of Control Sample = Control Sample.				
26-Feb-88	50.0		47.0	94.00
26-Feb-88	50.0		52.0	104.00
26-Feb-88	50.0		53.0	106.00
26-Feb-88	50.0		50.0	100.00
07-Mar-88	0.050		0.0	94.00
07-Mar-88	0.050		0.0	92.00
07-Mar-88	0.050		0.0	94.00
17-Mar-88	0.050		0.0	98.00
17-Mar-88	0.050		0.0	98.00
17-Mar-88	0.050		0.0	92.00
21-Mar-88	0.050		0.1	102.00
21-Mar-88	0.050		0.0	94.00
21-Mar-88	0.050		0.0	96.00
21-Mar-88	0.050		0.1	100.00
22-Mar-88	0.050		0.0	94.00
22-Mar-88	0.050		0.1	100.00
15-Apr-88	0.050		0.1	102.00
15-Apr-88	0.050		0.1	108.00
15-Apr-88	0.050		0.0	96.00
15-Apr-88	0.050		0.0	90.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Selenium, graphite AA				
Matrix: Aqueous				
Analyte = Se				
Type of Control Sample = Control Sample. continued				
26-Apr-88	0.10		0.1	102.00
26-Apr-88	0.10		0.1	108.00
26-Apr-88	0.10		0.1	90.00
27-Apr-88	0.050		0.1	106.00
27-Apr-88	0.050		0.0	98.00
27-Apr-88	0.050		0.0	94.00
27-Apr-88	0.050		0.1	100.00
27-Apr-88	0.050		0.0	98.00
27-Apr-88	0.050		0.1	106.00
28-Apr-88	0.050		0.0	94.00
28-Apr-88	0.050		0.0	96.00
28-Apr-88	0.050		0.0	94.00
28-Apr-88	0.050		0.1	104.00
28-Apr-88	0.10		0.1	94.00
28-Apr-88	0.10		0.1	104.00
28-Apr-88	0.10		0.1	96.00
28-Apr-88	0.10		0.1	94.00
28-Apr-88	0.10		0.1	96.00
30-Jun-88	10.0		9.8	97.80
Number of Samples = 39	Mean % Recovery = 98.1		CV (%) = 5.1	

Method: Selenium, graphite AA
Matrix: Municipal Sludge
Analyte = Se

Type of Control Sample = Control Sample.

24-Feb-88	50.0		48.0	96.00
24-Feb-88	50.0		50.0	100.00
24-Feb-88	50.0		46.0	92.00
24-Feb-88	0.050		0.0	98.00
24-Feb-88	0.050		0.0	96.00
24-Feb-88	0.050		0.0	90.00
24-Feb-88	0.050		0.0	96.00
24-Feb-88	50.0		45.0	90.00
24-Feb-88	50.0		48.0	96.00

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Selenium, graphite AA				
Matrix: Municipal Sludge				
Analyte = Se				
Type of Control Sample = Control Sample. continued				
24-Feb-88	50.0		48.0	96.00
09-Mar-88	0.10		0.1	92.00
09-Mar-88	0.10		0.1	98.00
09-Mar-88	0.050		0.0	98.00
09-Mar-88	0.050		0.0	92.00
09-Mar-88	0.050		0.0	98.00
09-Mar-88	0.10		0.1	96.00
11-Mar-88	0.050		0.1	106.00
11-Mar-88	0.050		0.1	102.00
11-Mar-88	0.050		0.1	102.00
17-Mar-88	0.050		0.0	96.00
17-Mar-88	0.050		0.0	98.00
17-Mar-88	0.050		0.0	94.00
17-Mar-88	0.050		0.0	96.00
15-Apr-88	0.050		0.1	108.00
15-Apr-88	0.050		0.0	96.00
15-Apr-88	0.050		0.1	102.00
Number of Samples = 26	Mean % Recovery =		97.1	CV (%) = 4.5

Method: Sulfate, nephelometry				
Matrix: Aqueous				
Analyte = SO4				
Type of Control Sample = Control Sample.				
10-Mar-88	25.0		24.2	96.80
10-Mar-88	25.0		24.6	98.40
10-Mar-88	25.0		25.6	102.40
10-Mar-88	25.0		24.6	98.40
11-Mar-88	25.0		25.0	100.00
11-Mar-88	25.0		25.0	100.00
11-Mar-88	25.0		25.0	100.00
28-Apr-88	25.0		24.3	97.20
28-Apr-88	25.0		25.9	103.60
28-Apr-88	25.0		25.9	103.60

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Sulfate, nephelometry				
Matrix: Aqueous				
Analyte = SO4				
Type of Control Sample = Control Sample. continued				
28-Apr-88	25.0		26.4	105.60
28-Apr-88	25.0		26.4	105.60
28-Apr-88	25.0		26.4	105.60
28-Apr-88	25.0		25.0	100.00
28-Apr-88	25.0		26.4	105.60
02-May-88	25.0		23.5	94.00
02-May-88	25.0		26.9	107.60
03-May-88	25.0		25.5	102.00
03-May-88	25.0		25.1	100.40
04-May-88	25.0		25.4	101.60
04-May-88	25.0		26.1	104.40
04-May-88	25.0		26.0	104.00
04-May-88	25.0		26.1	104.40
04-May-88	25.0		26.0	104.00
04-May-88	25.0		25.4	101.60
Number of Samples = 25	Mean % Recovery = 101.9		CV (%) = 3.3	
Method: Sulfate, nephelometry				
Matrix: Municipal Sludge				
Analyte = SO4				
Type of Control Sample = Control Sample.				
04-Mar-88	25.0		25.0	100.00
04-Mar-88	25.0		25.0	100.00
04-Mar-88	25.0		25.0	100.00
10-Mar-88	25.0		24.2	96.80
10-Mar-88	25.0		25.6	102.40
10-Mar-88	25.0		24.6	98.40
11-Mar-88	25.0		25.0	100.00
11-Mar-88	25.0		25.0	100.00
14-Mar-88	25.0		25.0	100.00
14-Mar-88	25.0		25.0	100.00
14-Mar-88	25.0		25.0	100.00
27-Apr-88	25.0		25.7	102.80
27-Apr-88	25.0		26.7	106.80

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Sulfate, nephelometry				
Matrix: Municipal Sludge				
Analyte = SO4				
Type of Control Sample = Control Sample. continued				
27-Apr-88	25.0		26.2	104.80
Number of Samples = 14	Mean % Recovery =	100.9	CV (%) =	2.5

Method: Total dissolved solids				
Matrix: Aqueous				
Analyte = TDS				
Type of Control Sample = Control Sample.				
07-Mar-88	403.0		428.0	106.20
07-Mar-88	140.0		147.0	105.00
08-Mar-88	140.0		146.0	104.29
08-Mar-88	140.0		146.0	104.29
09-Mar-88	403.0		415.0	102.97
11-Apr-88	283.0		295.0	104.24
11-Apr-88	283.0		292.0	103.18
15-Apr-88	283.0		298.0	105.30
20-Apr-88	403.0		404.0	100.24
21-Apr-88	403.0		406.0	100.74
22-Apr-88	403.0		425.0	105.45
Number of Samples = 11	Mean % Recovery =	103.8	CV (%) =	1.8

TABLE G-4. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Total dissolved solids				
Matrix: Municipal Sludge				
Analyte = TDS				
Type of Control Sample = Control Sample.				
01-Mar-88	403.0		390.0	96.77
08-Mar-88	140.0		146.0	104.29
14-Mar-88	140.0		143.0	102.14

Number of Samples = 3 Mean % Recovery = 101.1 CV (%) = 3.8

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Chlorinated Phenoxy Herb. 509B						
Method						
2,4,5-T	4	51.5	1.73205	4	0	60.0 - 110.0
2,4,5-TP (Silvex)	4	61.0	2.30940	0	0	53.0 - 103.0
2,4-D	4	55.5	1.73205	0	0	50.0 - 100.0
Predigestion Matrix Spike						
2,4,5-T	8	57.0	16.47509	4	0	60.0 - 110.0
2,4,5-TP (Silvex)	8	64.0	16.95372	4	0	53.0 - 103.0
2,4-D	8	59.0	20.21315	4	0	50.0 - 100.0
Phenols (604)						
Predigestion Matrix Spike						
2,4,6-Trichlorophenol	8	95.8	26.84745	0	2	53.0 - 119.0
2,4-Dichlorophenol	5	71.6	4.27785	0	0	44.0 - 119.0
2,4-Dimethylphenol	8	65.5	6.43650	0	0	24.0 - 118.0
2-Chlorophenol	8	64.8	7.86947	0	0	38.0 - 126.0
2-Methyl-4,6-Dinitrophenol	8	97.8	7.64853	0	0	30.0 - 136.0
4-Nitrophenol	8	87.5	14.45189	0	0	13.0 - 110.0
Organochlorine Pest & PCB E608						
Predigestion Matrix Spike						
4,4'-DDT	6	46.0	15.28398	0	0	25.0 - 160.0
Aldrin	6	73.0	23.39231	0	0	42.0 - 122.0
Dieldrin	6	104.3	8.31064	0	0	36.0 - 146.0
Endrin	6	102.0	11.17139	0	0	30.0 - 147.0
Heptachlor	6	113.0	26.35147	0	2	34.0 - 111.0
gamma-BHC (lindane)	6	106.3	16.13278	0	0	32.0 - 127.0
Arsenic, graphite AA						

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Predigestion Matrix Spike						
As	25	69.6	37.01135	14	0	85.0 - 115.0
Base/Neutrals & Acids (CL625)						
Method						
1,2,4-trichlorobenzene	2	88.0	.00000	0	0	44.0 - 142.0
1,2-dichlorobenzene	2	63.0	.00000	0	0	32.0 - 129.0
1,3-dichlorobenzene	2	53.0	.00000	0	0	.0 - 172.0
1,4-dichlorobenzene	2	60.0	.00000	0	0	20.0 - 124.0
2,4,6-trichlorophenol	2	90.0	.00000	0	0	37.0 - 144.0
2,4-dichlorophenol	2	88.0	.00000	0	0	39.0 - 135.0
2,4-dimethylphenol	2	42.0	.00000	0	0	42.0 - 109.0
2,4-dinitrophenol	2	99.0	.00000	0	2	
2,4-dinitrotoluene	2	120.0	.00000	0	0	.0 - 191.0
2,6-dinitrotoluene	2	120.0	.00000	0	0	50.0 - 158.0
2-chloronaphthalene	2	100.0	.00000	0	0	60.0 - 118.0
2-chlorophenol	2	87.0	.00000	0	0	23.0 - 134.0
2-nitrophenol	2	90.0	.00000	0	0	29.0 - 182.0
3,3'-dichlorobenzidine	2	130.0	.00000	0	2	8.0 - 123.0
4,6-dinitro-2-methylphenol	2	110.0	.00000	0	0	.0 - 181.0
4-bromophenyl-phenylether	2	96.0	.00000	0	0	65.0 - 114.0
4-chloro-3-methylphenol	2	97.0	.00000	0	0	22.0 - 147.0
4-chlorophenyl-phenylether	2	94.0	.00000	0	0	25.0 - 158.0
4-nitrophenol	2	100.0	.00000	0	2	
acenaphthene	2	110.0	.00000	0	0	47.0 - 145.0
acenaphthylene	2	96.0	.00000	0	0	33.0 - 145.0
anthracene	2	130.0	.00000	0	0	27.0 - 133.0
benzidine	1	11.0		0	1	
benzo(a)anthracene	2	99.0	.00000	0	0	33.0 - 143.0
benzo(a)pyrene	2	140.0	.00000	0	0	17.0 - 163.0

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
benzo(b)fluoranthene	2	89.0	.00000	0	0	24.0 - 159.0
benzo(g,h,i)perylene	2	99.0	.00000	0	0	.0 - 219.0
benzo(k)fluoranthene	2	87.0	.00000	0	0	11.0 - 162.0
bis(2-chloroethoxy)methane	2	91.0	.00000	0	0	33.0 - 184.0
bis(2-chloroethyl)ether	2	88.0	.00000	0	0	12.0 - 158.0
bis(2-chloroisopropyl)ether	2	87.0	.00000	0	0	36.0 - 166.0
bis(2-ethylhexyl)phthalate	2	96.0	.00000	0	0	29.0 - 137.0
butylbenzylphthalate	2	89.0	.00000	0	0	.0 - 152.0
chrysene	2	86.0	.00000	0	0	17.0 - 168.0
di-n-butylphthalate	2	99.0	.00000	0	0	1.0 - 118.0
di-n-octyl phthalate	2	83.0	.00000	0	0	4.0 - 146.0
dibenz(a,h)anthracene	2	110.0	.00000	0	0	.0 - 227.0
diethylphthalate	2	47.0	.00000	0	0	.0 - 114.0
dimethyl phthalate	2	18.0	.00000	0	0	.0 - 112.0
fluoranthene	2	95.0	.00000	0	0	26.0 - 137.0
fluorene	2	100.0	.00000	0	0	59.0 - 121.0
hexachlorobenzene	2	99.0	.00000	0	2	
hexachlorobutadiene	2	79.0	.00000	0	0	24.0 - 116.0
hexachlorocyclopentadiene	2	13.0	.00000	2	0	24.0 - 116.0
hexachloroethane	2	56.0	.00000	0	0	40.0 - 113.0
indeno(1,2,3-cd)pyrene	2	100.0	.00000	0	0	.0 - 171.0
isophorone	2	120.0	.00000	0	2	
n-nitroso-di-n-propylamine	2	98.0	.00000	0	0	.0 - 230.0
n-nitrosodimethylamine	1	24.0		0	1	
n-nitrosodiphenylamine (1)	2	270.0	.00000	0	2	
naphthalene	2	86.0	.00000	0	0	21.0 - 133.0
nitrobenzene	2	92.0	.00000	0	0	35.0 - 180.0
pentachlorophenol	2	74.0	.00000	0	0	14.0 - 176.0
phenanthrene	2	99.0	.00000	0	0	54.0 - 120.0
phenol	2	87.0	.00000	0	0	12.0 - 158.0

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
pyrene	2	88.0	.00000	0	0	52.0 - 115.0
Predigestion Matrix Spike						
1,2,4-trichlorobenzene	4	84.0	1.15470	0	0	44.0 - 142.0
1,4-dichlorobenzene	4	77.5	2.88675	0	0	20.0 - 124.0
2,4-dinitrotoluene	4	85.5	2.88675	0	0	.0 - 191.0
2-chlorophenol	4	79.0	5.77350	0	0	23.0 - 134.0
4-chloro-3-methylphenol	4	93.5	2.88675	0	0	22.0 - 147.0
4-nitrophenol	4	87.0	1.15470	0	4	
acenaphthene	4	95.0	2.30940	0	0	47.0 - 145.0
n-nitroso-di-n-propylamine	4	91.0	.00000	0	0	.0 - 230.0
pentachlorophenol	4	92.0	9.23760	0	0	14.0 - 176.0
phenol	4	77.0	1.15470	0	0	12.0 - 158.0
pyrene	4	72.5	1.73205	0	0	52.0 - 115.0
Chloride						
Analytical						
Cl	2	97.2	2.29916	0	0	85.0 - 115.0
Predigestion Matrix Spike						
Cl	10	104.2	8.39607	0	1	85.0 - 115.0
EPA method 601						
Surrogate - Reg. Sample						
1,1,1-Trichloroethane	2	103.6	5.05079	0	0	41.0 - 138.0
1,2-Dichloroethane	2	65.0	7.07107	0	0	51.0 - 147.0
Bromodichloromethane	2	112.5	3.53553	0	0	42.0 - 172.0
Bromoform	2	77.6	2.43830	0	0	13.0 - 159.0
Carbon Tetrachloride	2	94.2	2.71965	0	0	43.0 - 143.0
Chloroform	2	84.6	6.48181	0	0	49.0 - 133.0
Dibromochloromethane	2	103.8	5.43928	0	0	24.0 - 191.0
Tetrachloroethylene	2	90.6	4.41942	0	0	31.0 - 156.0

- DRAFT -

TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Trichloroethene	2	72.4	4.87660	0	0	35.0 - 146.0
Predigestion Matrix Spike						
1,1,1-Trichloroethane	2	117.9	5.05079	0	0	41.0 - 138.0
1,2-Dichloroethane	2	65.0	7.07107	0	0	51.0 - 147.0
Bromodichloromethane	2	122.5	3.53553	0	0	42.0 - 172.0
Bromoform	1	96.6		0	0	13.0 - 159.0
Chloroform	2	89.6	8.83883	0	0	49.0 - 133.0
Dibromochloromethane	2	126.9	.00000	0	0	24.0 - 191.0
Tetrachloroethylene	2	96.9	4.41942	0	0	31.0 - 156.0
Trichloroethene	2	75.5	.00000	0	0	35.0 - 146.0
EPA method 602						
Surrogate - Reg. Sample						
Benzene	1	99.0		0	0	39.0 - 150.0
Ethylbenzene	1	116.5		0	0	32.0 - 160.0
Toluene	1	129.3		0	0	46.0 - 148.0
m-Xylene	1	111.5		0	1	83.0 - 107.0
o-Xylene	1	107.5		0	0	93.0 - 126.0
p-Xylene	1	128.8		0	1	88.0 - 109.0
Fluoride, SIE						
Analytical						
F_SIE	2	105.0	7.07107	0	0	90.0 - 110.0
Predigestion Matrix Spike						
F_SIE	6	90.3	7.94145	2	0	90.0 - 110.0
Mercury, cold vapor						
Predigestion Matrix Spike						
Mercury	16	90.8	9.11586	2	0	85.0 - 115.0

- D R A F T -

TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
ICPES, EPA 200.7 elements						
Predigestion Matrix Spike						
Aluminum	9	93.1	2.23110	1	0	90.0 - 110.0
Antimony	9	94.0	7.49357	3	0	90.0 - 110.0
Arsenic	9	94.0	14.10551	4	1	90.0 - 110.0
Barium	9	89.9	2.48870	6	0	90.0 - 110.0
Beryllium	8	89.4	3.09885	5	0	90.0 - 110.0
Boron	8	94.5	3.39787	2	0	90.0 - 110.0
Cadmium	10	90.8	4.19624	6	0	90.0 - 110.0
Calcium	9	96.6	3.50063	0	0	90.0 - 110.0
Chromium	9	90.1	2.48048	5	0	90.0 - 110.0
Cobalt	9	88.0	3.31440	7	0	90.0 - 110.0
Copper	9	91.1	2.78029	4	0	90.0 - 110.0
Iron	9	89.5	2.04939	6	0	90.0 - 110.0
Lead	9	88.0	4.74263	6	0	90.0 - 110.0
Magnesium	9	92.0	1.94679	1	0	90.0 - 110.0
Manganese	9	80.8	27.07170	6	0	90.0 - 110.0
Molybdenum	9	79.0	27.78872	8	0	90.0 - 110.0
Nickel	9	90.3	2.52839	5	0	90.0 - 110.0
Potassium	9	85.4	4.87134	7	0	90.0 - 110.0
Selenium	10	81.1	20.83668	7	1	90.0 - 110.0
Silicon	7	81.0	23.39621	5	0	90.0 - 110.0
Silver	10	81.7	23.56608	8	0	90.0 - 110.0
Sodium	9	94.3	5.30372	1	0	90.0 - 110.0
Thallium	9	90.0	9.73980	4	0	90.0 - 110.0
Vanadium	8	88.9	2.53025	7	0	90.0 - 110.0
Zinc	9	90.4	3.73791	4	0	90.0 - 110.0
Nitrate + nitrite						
Analytical						

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
NO3-NO2-N						
Predigestion Matrix Spike	2	98.4	19.97577	1	0	85.0 - 115.0
NO3-NO2-N	5	108.0	11.51086	0	1	85.0 - 115.0
Nitrate, colorimetric						
Analytical						
NO3						
Predigestion Matrix Spike	1	87.5		1	0	99.0 - 101.0
NO3	4	75.3	37.48118	3	1	99.0 - 101.0
Orthophosphate						
Analytical						
O-PO4						
Predigestion Matrix Spike	2	104.3	3.88909	0	0	85.0 - 115.0
O-PO4	6	100.1	6.77803	0	0	85.0 - 115.0
Lead, graphite AA						
Predigestion Matrix Spike						
Pb	17	77.8	35.18564	8	2	90.0 - 110.0
Selenium, graphite AA						
Analytical						
Se						
Predigestion Matrix Spike	3	6.4	26.23890	3	0	85.0 - 115.0
Se	26	62.2	55.85820	16	3	85.0 - 115.0
Sulfate, nephelometry						
Analytical						
SO4						
Predigestion Matrix Spike	2	113.4	2.26274	0	2	90.0 - 110.0

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
SO4	4	105.1	12.53714	0	1	90.0 - 110.0

- D R A F T -

TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = SOIL

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Organochlorine Pest & PCB 8080						
Predigestion Matrix Spike						
4,4'-DDT	4	109.0	29.13188	0	0	23.0 - 134.0
Aldrin	4	88.8	4.34933	0	0	34.0 - 132.0
Dieldrin	4	101.8	14.26826	0	0	36.0 - 134.0
Endrin	4	109.3	7.41058	0	0	42.0 - 139.0
Heptachlor	4	88.5	1.73205	0	0	35.0 - 130.0
gamma-BHC (lindane)	4	93.8	5.85235	0	0	46.0 - 127.0
heptachlor epoxide	4	88.5	1.73205	0	0	37.0 - 142.0
Chlorinated Herbicides (8150)						
Predigestion Matrix Spike						
2,4,5-T	4	45.0	38.00877	3	0	60.0 - 110.0
2,4,5-TP (Silvex)	4	55.5	22.39792	1	0	53.0 - 103.0
2,4-D	2	59.0	21.21320	1	0	50.0 - 100.0
Arsenic, graphite AA						
Analytical						
As	6	91.7	12.20393	1	0	85.0 - 115.0
Predigestion Matrix Spike						
As	14	71.8	33.52091	8	1	85.0 - 115.0
Volatile Halocarbons (8240)						
Predigestion Matrix Spike						
1,1-dichloroethene	10	99.3	15.86786	0	0	.0 - 234.0
benzene	10	94.0	12.62273	0	0	37.0 - 151.0
chlorobenzene	10	97.4	10.52193	0	0	37.0 - 160.0
toluene	10	88.0	20.39063	0	0	47.0 - 163.0
trichloroethene	10	89.6	3.50238	0	0	71.0 - 157.0

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = SOIL

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Semivolatile Organics (8270)						
Predigestion Matrix Spike						
1,2,4-trichlorobenzene	8	77.0	8.34951	0	0	44.0 - 142.0
1,4-dichlorobenzene	8	67.0	16.28321	0	0	20.0 - 124.0
2,4-dinitrotoluene	8	78.3	9.55809	0	0	.0 - 191.0
2-chlorophenol	8	82.1	19.44544	0	0	23.0 - 134.0
4-chloro-3-methylphenol	8	79.0	6.71884	0	0	22.0 - 147.0
4-nitrophenol	8	86.1	11.26864	0	8	
acenaphthene	8	82.1	7.97205	0	0	47.0 - 145.0
n-nitroso-di-n-propylamine	8	79.9	17.18336	0	0	.0 - 230.0
pentachlorophenol	8	72.6	14.67688	0	0	14.0 - 176.0
phenol	8	70.1	16.87295	0	0	12.0 - 158.0
pyrene	8	41.1	4.29077	8	0	52.0 - 115.0
Chloride						
Predigestion Matrix Spike						
Cl	1	115.0		0	0	85.0 - 115.0
Mercury, cold vapor						
Predigestion Matrix Spike						
Mercury	8	87.7	7.02546	2	0	85.0 - 115.0
ICPES, EPA 200.7 elements						
Predigestion Matrix Spike						
Aluminum	9	91.4	2.92209	2	0	90.0 - 110.0
Antimony	9	95.4	3.33858	0	0	90.0 - 110.0
Arsenic	8	90.6	21.13663	4	2	90.0 - 110.0
Barium	9	91.5	3.31000	2	0	90.0 - 110.0
Beryllium	9	91.8	2.61252	1	0	90.0 - 110.0

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = SOIL

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Boron	9	101.0	8.02108	0	1	90.0 - 110.0
Cadmium	9	90.9	2.09052	3	0	90.0 - 110.0
Calcium	9	96.3	1.23187	0	0	90.0 - 110.0
Chromium	9	91.4	1.89040	1	0	90.0 - 110.0
Cobalt	9	90.9	4.01719	5	0	90.0 - 110.0
Copper	8	89.6	3.58666	6	0	90.0 - 110.0
Iron	9	89.2	3.35857	4	0	90.0 - 110.0
Lead	9	91.3	6.24902	3	0	90.0 - 110.0
Magnesium	8	88.1	3.16112	5	0	90.0 - 110.0
Manganese	9	91.2	1.87802	2	0	90.0 - 110.0
Molybdenum	3	61.5	48.97401	2	0	90.0 - 110.0
Nickel	9	82.2	27.63309	3	0	90.0 - 110.0
Potassium	9	82.5	3.27393	9	0	90.0 - 110.0
Selenium	9	94.1	15.87380	3	2	90.0 - 110.0
Silicon	4	75.6	30.44136	2	0	90.0 - 110.0
Silver	9	92.5	1.79219	0	0	90.0 - 110.0
Sodium	9	94.5	10.70596	4	2	90.0 - 110.0
Thallium	8	77.2	27.71321	7	0	90.0 - 110.0
Vanadium	8	93.9	3.87591	2	0	90.0 - 110.0
Zinc	7	91.9	4.17173	2	0	90.0 - 110.0
Nitrate + nitrite						
Analytical						
NO3-NO2-N	1	132.5		0	1	85.0 - 115.0
Orthophosphate						
Analytical						
O-PO4	1	111.0		0	0	85.0 - 115.0
Lead, graphite AA						

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TABLE G-5. SUMMARY OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF MATRIX SPIKE RESULTS FOR MATRIX = SOIL

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Analytical						
Pb	3	81.4	10.91028	2	0	90.0 - 110.0
Predigestion Matrix Spike						
Pb	5	89.7	8.45281	2	0	90.0 - 110.0
Selenium, graphite AA						
Analytical						
Se	4	33.2	33.53997	4	0	85.0 - 115.0
Predigestion Matrix Spike						
Se	11	11.4	29.85701	10	0	85.0 - 115.0
Sulfate, nephelometry						
Analytical						
SO4	1	80.0		1	0	90.0 - 110.0

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TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chlorinated Phenoxy Herb. 5098					
Matrix: Aqueous					
Spiked Analyte = 2,4,5-T					
Type of Spike = Method.					
15-Mar-88	ND	0.00000	53.0	100.0	53.00
15-Mar-88	ND	0.00000	53.0	100.0	53.00
05-May-88	ND	0.00000	50.0	100.0	50.00
05-May-88	ND	0.00000	50.0	100.0	50.00
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	38.0	100.0	38.00
18-Apr-88	ND	0.00000	46.0	100.0	46.00
18-Apr-88	ND	0.00000	46.0	100.0	46.00
18-Apr-88	ND	0.00000	38.0	100.0	38.00
05-May-88	ND	0.00000	69.0	100.0	69.00
05-May-88	ND	0.00000	75.0	100.0	75.00
05-May-88	ND	0.00000	69.0	100.0	69.00
05-May-88	ND	0.00000	75.0	100.0	75.00

Number of Samples = 12 Below acceptance = 8
Mean % Recovery = 55 Above acceptance = 0
Standard Deviation = 13.44 Acceptance Criteria 60.00 - 110.00

Method: Chlorinated Phenoxy Herb. 5098					
Matrix: Aqueous					
Spiked Analyte = 2,4,5-TP (Silvex)					
Type of Spike = Method.					
15-Mar-88	ND	0.00000	63.0	100.0	63.00
15-Mar-88	ND	0.00000	63.0	100.0	63.00
05-May-88	ND	0.00000	59.0	100.0	59.00
05-May-88	ND	0.00000	59.0	100.0	59.00
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	50.0	100.0	50.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chlorinated Phenoxy Herb. 509B					
Matrix: Aqueous					
Spiked Analyte = 2,4,5-TP (Silvex)					
Type of Spike = Predigestion Matrix Spike. continued					
18-Apr-88	ND	0.00000	47.0	100.0	47.00
18-Apr-88	ND	0.00000	50.0	100.0	50.00
18-Apr-88	ND	0.00000	47.0	100.0	47.00
05-May-88	ND	0.00000	84.0	100.0	84.00
05-May-88	ND	0.00000	75.0	100.0	75.00
05-May-88	ND	0.00000	84.0	100.0	84.00
05-May-88	ND	0.00000	75.0	100.0	75.00
Number of Samples = 12			Below acceptance = 4		
Mean % Recovery = 63			Above acceptance = 0		
Standard Deviation = 13.65			Acceptance Criteria 53.00 - 103.00		
Method: Chlorinated Phenoxy Herb. 509B					
Matrix: Aqueous					
Spiked Analyte = 2,4-D					
Type of Spike = Method.					
15-Mar-88	ND	0.00000	54.0	100.0	54.00
15-Mar-88	ND	0.00000	54.0	100.0	54.00
05-May-88	ND	0.00000	57.0	100.0	57.00
05-May-88	ND	0.00000	57.0	100.0	57.00
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	45.0	100.0	45.00
18-Apr-88	ND	0.00000	38.0	100.0	38.00
18-Apr-88	ND	0.00000	38.0	100.0	38.00
18-Apr-88	ND	0.00000	45.0	100.0	45.00
05-May-88	ND	0.00000	86.0	100.0	86.00
05-May-88	ND	0.00000	67.0	100.0	67.00
05-May-88	ND	0.00000	86.0	100.0	86.00
05-May-88	ND	0.00000	67.0	100.0	67.00
Number of Samples = 12			Below acceptance = 4		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery

Method: Chlorinated Phenoxy Herb. 509B
Matrix: Aqueous
Spiked Analyte = 2,4-D
Type of Spike = Predigestion Matrix Spike. continued

Mean % Recovery = 57 Above acceptance = 0
Standard Deviation = 16.24 Acceptance Criteria 50.00 - 100.00

Method: Chlorinated Phenoxy Herb. 509B
Matrix: Aqueous
Spiked Analyte = 2,4-Dichlorophenyl Acetic Acid

Type of Spike = Method.

15-Mar-88	ND	0.00000	55.0	100.0	55.00
15-Mar-88	ND	0.00000	55.0	100.0	55.00
05-May-88	ND	0.00000	0.00000	100.0	0.00
05-May-88	ND	0.00000	0.00000	100.0	0.00

Type of Spike = Surrogate - Reg. Sample.

11-Mar-88	ND	0.00000	55.0	100.0	55.00
11-Mar-88	ND	0.00000	81.0	100.0	81.00
14-Mar-88	ND	0.00000	100.0	100.0	100.00
14-Mar-88	ND	0.00000	83.0	100.0	83.00
14-Mar-88	ND	0.00000	100.0	100.0	100.00
15-Mar-88	ND	0.00000	82.0	100.0	82.00
15-Mar-88	ND	0.00000	88.0	100.0	88.00
16-Mar-88	ND	0.00000	53.0	100.0	53.00
18-Apr-88	ND	0.00000	114.0	100.0	114.00
18-Apr-88	ND	0.00000	114.0	100.0	114.00
05-May-88	ND	0.00000	84.0	100.0	84.00
05-May-88	ND	0.00000	96.0	100.0	96.00
05-May-88	ND	0.00000	105.0	100.0	105.00
05-May-88	ND	0.00000	96.0	100.0	96.00
05-May-88	ND	0.00000	0.00000	100.0	0.00
05-May-88	ND	0.00000	0.40	100.0	0.40
05-May-88	ND	0.00000	98.0	100.0	98.00
05-May-88	ND	0.00000	105.0	100.0	105.00
05-May-88	ND	0.00000	96.0	100.0	96.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chlorinated Phenoxy Herb. 509B					
Matrix: Aqueous					
Spiked Analyte = 2,4-Dichlorophenyl Acetic Acid					
Type of Spike = Surrogate - Reg. Sample. continued					
05-May-88	ND	0.00000	0.00000	100.0	0.00
05-May-88	ND	0.00000	98.0	100.0	98.00
05-May-88	ND	0.00000	84.0	100.0	84.00
05-May-88	ND	0.00000	96.0	100.0	96.00
05-May-88	ND	0.00000	0.40	100.0	0.40
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	73.0	100.0	73.00
18-Apr-88	ND	0.00000	73.0	100.0	73.00
18-Apr-88	ND	0.00000	73.0	100.0	73.00
18-Apr-88	ND	0.00000	73.0	100.0	73.00
05-May-88	ND	0.00000	111.0	100.0	111.00
05-May-88	ND	0.00000	125.0	100.0	125.00
05-May-88	ND	0.00000	125.0	100.0	125.00
05-May-88	ND	0.00000	111.0	100.0	111.00

Number of Samples = 36
Mean % Recovery = 75
Standard Deviation = 38.66

Below acceptance = 6
Above acceptance = 0
Acceptance Criteria 50.00 - 150.00

Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2,4,6-Trichlorophenol					
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	123.0	100.0	123.00
18-Apr-88	ND	0.00000	116.0	100.0	116.00
18-Apr-88	ND	0.00000	123.0	100.0	123.00
18-Apr-88	ND	0.00000	116.0	100.0	116.00
09-May-88	ND	0.00000	61.0	100.0	61.00
09-May-88	ND	0.00000	83.0	100.0	83.00
09-May-88	ND	0.00000	61.0	100.0	61.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2,4,6-Trichlorophenol					
Type of Spike = Predigestion Matrix Spike. continued					
09-May-88	ND	0.00000	83.0	100.0	83.00
Number of Samples = 8			Below acceptance = 0		
Mean % Recovery = 95			Above acceptance = 2		
Standard Deviation = 26.84			Acceptance Criteria 53.00 - 119.00		
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2,4-Dichlorophenol					
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	67.0	100.0	67.00
18-Apr-88	ND	0.00000	74.0	100.0	74.00
18-Apr-88	ND	0.00000	74.0	100.0	74.00
18-Apr-88	ND	0.00000	67.0	100.0	67.00
09-May-88	ND	0.00000	76.0	100.0	76.00
Number of Samples = 5			Below acceptance = 0		
Mean % Recovery = 71			Above acceptance = 0		
Standard Deviation = 4.27			Acceptance Criteria 44.00 - 119.00		
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2,4-Dimethylphenol					
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	66.0	100.0	66.00
18-Apr-88	ND	0.00000	62.0	100.0	62.00
18-Apr-88	ND	0.00000	62.0	100.0	62.00
18-Apr-88	ND	0.00000	66.0	100.0	66.00
09-May-88	ND	0.00000	75.0	100.0	75.00
09-May-88	ND	0.00000	59.0	100.0	59.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2,4-Dimethylphenol					
Type of Spike = Predigestion Matrix Spike. continued					
09-May-88	ND	0.00000	75.0	100.0	75.00
09-May-88	ND	0.00000	59.0	100.0	59.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 65 — Above acceptance = 0
Standard Deviation = 6.43 — Acceptance Criteria 24.00 - 118.00

Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2-Chlorophenol					
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	64.0	100.0	64.00
18-Apr-88	ND	0.00000	59.0	100.0	59.00
18-Apr-88	ND	0.00000	64.0	100.0	64.00
18-Apr-88	ND	0.00000	59.0	100.0	59.00
09-May-88	ND	0.00000	77.0	100.0	77.00
09-May-88	ND	0.00000	59.0	100.0	59.00
09-May-88	ND	0.00000	59.0	100.0	59.00
09-May-88	ND	0.00000	77.0	100.0	77.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 64 — Above acceptance = 0
Standard Deviation = 7.86 — Acceptance Criteria 38.00 - 126.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2-Fluorophenol					
Type of Spike = Surrogate - Reg. Sample.					
22-Mar-88	ND	0.00000	88.0	100.0	88.00
22-Mar-88	ND	0.00000	92.0	100.0	92.00
22-Mar-88	ND	0.00000	85.0	100.0	85.00
23-Mar-88	ND	0.00000	110.0	100.0	110.00
23-Mar-88	ND	0.00000	88.0	100.0	88.00
23-Mar-88	ND	0.00000	19.0	100.0	19.00
23-Mar-88	ND	0.00000	110.0	100.0	110.00
23-Mar-88	ND	0.00000	72.0	100.0	72.00
18-Apr-88	ND	0.00000	63.0	100.0	63.00
18-Apr-88	ND	0.00000	63.0	100.0	63.00
06-May-88	ND	0.00000	46.0	100.0	46.00
06-May-88	ND	0.00000	46.0	100.0	46.00
09-May-88	ND	0.00000	34.0	100.0	34.00
09-May-88	ND	0.00000	70.0	100.0	70.00
09-May-88	ND	0.00000	50.0	100.0	50.00
09-May-88	ND	0.00000	72.0	100.0	72.00
09-May-88	ND	0.00000	73.0	100.0	73.00
09-May-88	ND	0.00000	73.0	100.0	73.00
09-May-88	ND	0.00000	72.0	100.0	72.00
09-May-88	ND	0.00000	50.0	100.0	50.00
09-May-88	ND	0.00000	70.0	100.0	70.00
09-May-88	ND	0.00000	34.0	100.0	34.00
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	57.0	100.0	57.00
18-Apr-88	ND	0.00000	61.0	100.0	61.00
18-Apr-88	ND	0.00000	57.0	100.0	57.00
18-Apr-88	ND	0.00000	61.0	100.0	61.00
09-May-88	ND	0.00000	70.0	100.0	70.00
09-May-88	ND	0.00000	55.0	100.0	55.00
09-May-88	ND	0.00000	55.0	100.0	55.00
09-May-88	ND	0.00000	70.0	100.0	70.00

Number of Samples = 30 Below acceptance = 1

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2-Fluorophenol					
Type of Spike = Predigestion Matrix Spike. continued					
Mean % Recovery = 65			Above acceptance = 2		
Standard Deviation = 20.49			Acceptance Criteria 21.00 - 100.00		
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2-Methyl-4,6-Dinitrophenol					
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	94.0	100.0	94.00
18-Apr-88	ND	0.00000	92.0	100.0	92.00
18-Apr-88	ND	0.00000	92.0	100.0	92.00
18-Apr-88	ND	0.00000	94.0	100.0	94.00
09-May-88	ND	0.00000	95.0	100.0	95.00
09-May-88	ND	0.00000	110.0	100.0	110.00
09-May-88	ND	0.00000	110.0	100.0	110.00
09-May-88	ND	0.00000	95.0	100.0	95.00
Number of Samples = 8			Below acceptance = 0		
Mean % Recovery = 97			Above acceptance = 0		
Standard Deviation = 7.64			Acceptance Criteria 30.00 - 136.00		
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2-fluorophenel					
Type of Spike = Surrogate - Reg. Sample.					
22-Mar-88	ND	0.00000	85.0	100.0	85.00
23-Mar-88	ND	0.00000	110.0	100.0	110.00
23-Mar-88	ND	0.00000	72.0	100.0	72.00
Number of Samples = 3			Below acceptance = 0		
Mean % Recovery = 89			Above acceptance = 1		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 2-fluorophenel					
Type of Spike = Surrogate - Reg. Sample. continued					
Standard Deviation = 19.31			Acceptance Criteria	21.00 - 100.00	
Method: Phenols (604)					
Matrix: Aqueous					
Spiked Analyte = 4-Nitrophenol					
Type of Spike = Predigestion Matrix Spike.					
18-Apr-88	ND	0.00000	98.0	100.0	98.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
18-Apr-88	ND	0.00000	98.0	100.0	98.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
09-May-88	ND	0.00000	86.0	100.0	86.00
09-May-88	ND	0.00000	66.0	100.0	66.00
09-May-88	ND	0.00000	86.0	100.0	86.00
09-May-88	ND	0.00000	66.0	100.0	66.00
Number of Samples = 8			Below acceptance = 0		
Mean % Recovery = 87			Above acceptance = 0		
Standard Deviation = 14.45			Acceptance Criteria	13.00 - 110.00	
Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = 4,4'-DDT					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	48.0	100.0	48.00
11-Apr-88	ND	0.00000	62.0	100.0	62.00
11-Apr-88	ND	0.00000	48.0	100.0	48.00
11-Apr-88	ND	0.00000	62.0	100.0	62.00
11-May-88	ND	0.00000	28.0	100.0	28.00
11-May-88	ND	0.00000	28.0	100.0	28.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = 4,4'-DDT					
Type of Spike = Predigestion Matrix Spike. continued					
Number of Samples = 6			Below acceptance = 0		
Mean % Recovery = 46			Above acceptance = 0		
Standard Deviation = 15.28			Acceptance Criteria 25.00 - 160.00		
Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = Aldrin					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	43.0	100.0	43.00
11-Apr-88	ND	0.00000	91.0	100.0	91.00
11-Apr-88	ND	0.00000	43.0	100.0	43.00
11-Apr-88	ND	0.00000	91.0	100.0	91.00
11-May-88	ND	0.00000	85.0	100.0	85.00
11-May-88	ND	0.00000	85.0	100.0	85.00
Number of Samples = 6			Below acceptance = 0		
Mean % Recovery = 73			Above acceptance = 0		
Standard Deviation = 23.39			Acceptance Criteria 42.00 - 122.00		
Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = Dibutylchloroendate					
Type of Spike = Surrogate - Reg. Sample.					
08-Mar-88	ND	0.00000	50.0	100.0	50.00
08-Mar-88	ND	0.00000	101.0	100.0	101.00
11-Mar-88	ND	0.00000	103.0	100.0	103.00
11-Mar-88	ND	0.00000	26.0	100.0	26.00
17-Mar-88	ND	0.00000	103.0	100.0	103.00
17-Mar-88	ND	0.00000	39.0	100.0	39.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = Dibutylchloroendate					
Type of Spike = Surrogate - Reg. Sample. continued					
17-Mar-88	ND	0.00000	30.0	100.0	30.00
11-Apr-88	ND	0.00000	51.0	100.0	51.00
11-May-88	ND	0.00000	20.0	100.0	20.00
11-May-88	ND	0.00000	85.0	100.0	85.00
11-May-88	ND	0.00000	31.0	100.0	31.00
11-May-88	ND	0.00000	38.0	100.0	38.00
11-May-88	ND	0.00000	26.0	100.0	26.00
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	55.0	100.0	55.00
11-Apr-88	ND	0.00000	60.0	100.0	60.00
11-May-88	ND	0.00000	51.0	100.0	51.00

Number of Samples = 16 — Below acceptance = 1
Mean % Recovery = 54 — Above acceptance = 0
Standard Deviation = 28.69 — Acceptance Criteria 24.00 - 154.00

Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = Dieldrin					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	115.0	100.0	115.00
11-Apr-88	ND	0.00000	98.0	100.0	98.00
11-Apr-88	ND	0.00000	115.0	100.0	115.00
11-Apr-88	ND	0.00000	98.0	100.0	98.00
11-May-88	ND	0.00000	100.0	100.0	100.00
11-May-88	ND	0.00000	100.0	100.0	100.00

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 104 — Above acceptance = 0
Standard Deviation = 8.31 — Acceptance Criteria 36.00 - 146.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = Endrin					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	112.0	100.0	112.00
11-Apr-88	ND	0.00000	106.0	100.0	106.00
11-Apr-88	ND	0.00000	112.0	100.0	112.00
11-Apr-88	ND	0.00000	106.0	100.0	106.00
11-May-88	ND	0.00000	88.0	100.0	88.00
11-May-88	ND	0.00000	88.0	100.0	88.00

Number of Samples = 6
Mean % Recovery = 102
Standard Deviation = 11.17

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 30.00 - 147.00

Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = Heptachlor					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	145.0	100.0	145.00
11-Apr-88	ND	0.00000	107.0	100.0	107.00
11-Apr-88	ND	0.00000	107.0	100.0	107.00
11-Apr-88	ND	0.00000	145.0	100.0	145.00
11-May-88	ND	0.00000	87.0	100.0	87.00
11-May-88	ND	0.00000	87.0	100.0	87.00

Number of Samples = 6
Mean % Recovery = 113
Standard Deviation = 26.35

Below acceptance = 0
Above acceptance = 2
Acceptance Criteria 34.00 - 111.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB E608					
Matrix: Aqueous					
Spiked Analyte = gamma-BHC (lindane)					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	125.0	100.0	125.00
11-Apr-88	ND	0.00000	105.0	100.0	105.00
11-Apr-88	ND	0.00000	105.0	100.0	105.00
11-Apr-88	ND	0.00000	125.0	100.0	125.00
11-May-88	ND	0.00000	89.0	100.0	89.00
11-May-88	ND	0.00000	89.0	100.0	89.00

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 106 — Above acceptance = 0
Standard Deviation = 16.13 — Acceptance Criteria 32.00 - 127.00

Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = 4,4'-DDT					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	76.0	100.0	76.00
24-Feb-88	ND	0.00000	93.0	100.0	93.00
11-Apr-88	ND	0.00000	134.0	100.0	134.00
11-Apr-88	ND	0.00000	133.0	100.0	133.00

Number of Samples = 4 — Below acceptance = 0
Mean % Recovery = 109 — Above acceptance = 0
Standard Deviation = 29.13 — Acceptance Criteria 23.00 - 134.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = Aldrin					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	91.0	100.0	91.00
24-Feb-88	ND	0.00000	88.0	100.0	88.00
11-Apr-88	ND	0.00000	83.0	100.0	83.00
11-Apr-88	ND	0.00000	93.0	100.0	93.00

Number of Samples = 4 Below acceptance = 0
Mean % Recovery = 88 Above acceptance = 0
Standard Deviation = 4.34 Acceptance Criteria 34.00 - 132.00

Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = Dibutylchloroendate					
Type of Spike = Surrogate - Reg. Sample.					
24-Feb-88	ND	0.00000	93.0	100.0	93.00
24-Feb-88	ND	0.00000	108.0	100.0	108.00
24-Feb-88	ND	0.00000	103.0	100.0	103.00
24-Feb-88	ND	0.00000	107.0	100.0	107.00
24-Feb-88	ND	0.00000	96.0	100.0	96.00
11-Mar-88	ND	0.00000	99.0	100.0	99.00
11-Mar-88	ND	0.00000	99.0	100.0	99.00
11-Apr-88	ND	0.00000	137.0	100.0	137.00
11-Apr-88	ND	0.00000	119.0	100.0	119.00
11-Apr-88	ND	0.00000	140.0	100.0	140.00
11-Apr-88	ND	0.00000	140.0	100.0	140.00
11-Apr-88	ND	0.00000	106.0	100.0	106.00
11-Apr-88	ND	0.00000	109.0	100.0	109.00
11-Apr-88	ND	0.00000	137.0	100.0	137.00
11-Apr-88	ND	0.00000	112.0	100.0	112.00
11-Apr-88	ND	0.00000	112.0	100.0	112.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = Dibutylchloroendate					
Type of Spike = Predigestion Matrix Spike. continued					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	103.0	100.0	103.00
24-Feb-88	ND	0.00000	127.0	100.0	127.00
11-Apr-88	ND	0.00000	115.0	100.0	115.00
11-Apr-88	ND	0.00000	114.0	100.0	114.00

Number of Samples = 20 — Below acceptance = 0
Mean % Recovery = 113 — Above acceptance = 0
Standard Deviation = 14.94 — Acceptance Criteria 20.00 - 150.00

Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = Dieldrin					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	93.0	100.0	93.00
24-Feb-88	ND	0.00000	87.0	100.0	87.00
11-Apr-88	ND	0.00000	109.0	100.0	109.00
11-Apr-88	ND	0.00000	118.0	100.0	118.00

Number of Samples = 4 — Below acceptance = 0
Mean % Recovery = 101 — Above acceptance = 0
Standard Deviation = 14.26 — Acceptance Criteria 36.00 - 134.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = Endrin					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	101.0	100.0	101.00
24-Feb-88	ND	0.00000	105.0	100.0	105.00
11-Apr-88	ND	0.00000	115.0	100.0	115.00
11-Apr-88	ND	0.00000	116.0	100.0	116.00

Number of Samples = 4
Mean % Recovery = 109
Standard Deviation = 7.41
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 42.00 - 139.00

Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = Heptachlor					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	91.0	100.0	91.00
24-Feb-88	ND	0.00000	87.0	100.0	87.00
11-Apr-88	ND	0.00000	88.0	100.0	88.00
11-Apr-88	ND	0.00000	88.0	100.0	88.00

Number of Samples = 4
Mean % Recovery = 88
Standard Deviation = 1.73
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 35.00 - 130.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = gamma-BHC (lindane)					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	87.0	100.0	87.00
24-Feb-88	ND	0.00000	92.0	100.0	92.00
11-Apr-88	ND	0.00000	101.0	100.0	101.00
11-Apr-88	ND	0.00000	95.0	100.0	95.00

Number of Samples = 4 — Below acceptance = 0
Mean % Recovery = 93 — Above acceptance = 0
Standard Deviation = 5.85 — Acceptance Criteria 46.00 - 127.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Organochlorine Pest & PCB 8080					
Matrix: Solid					
Spiked Analyte = heptachlor epoxide					
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88	ND	0.00000	91.0	100.0	91.00
24-Feb-88	ND	0.00000	87.0	100.0	87.00
11-Apr-88	ND	0.00000	88.0	100.0	88.00
11-Apr-88	ND	0.00000	88.0	100.0	88.00

Number of Samples = 4 — Below acceptance = 0
Mean % Recovery = 88 — Above acceptance = 0
Standard Deviation = 1.73 — Acceptance Criteria 37.00 - 142.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chlorinated Herbicides (8150)					
Matrix: Solid					
Spiked Analyte = 2,4,5-T					
Type of Spike = Predigestion Matrix Spike.					
16-Mar-88	ND	0.00000	44.0	100.0	44.00
16-Mar-88	ND	0.00000	0.00000	100.0	0.00
18-Apr-88	ND	0.00000	43.0	100.0	43.00
18-Apr-88	ND	0.00000	93.0	100.0	93.00

Number of Samples = 4 — Below acceptance = 3
Mean % Recovery = 45 — Above acceptance = 0
Standard Deviation = 38.00 — Acceptance Criteria 60.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chlorinated Herbicides (8150)					
Matrix: Solid					
Spiked Analyte = 2,4,5-TP (Silvex)					
Type of Spike = Predigestion Matrix Spike.					
16-Mar-88	ND	0.00000	77.0	100.0	77.00
16-Mar-88	ND	0.00000	24.0	100.0	24.00
18-Apr-88	ND	0.00000	61.0	100.0	61.00
18-Apr-88	ND	0.00000	60.0	100.0	60.00

Number of Samples = 4 — Below acceptance = 1
Mean % Recovery = 55 — Above acceptance = 0
Standard Deviation = 22.39 — Acceptance Criteria 53.00 - 103.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chlorinated Herbicides (8150)					
Matrix: Solid					
Spiked Analyte = 2,4-D					
Type of Spike = Predigestion Matrix Spike.					
16-Mar-88	ND	0.00000	74.0	100.0	74.00
16-Mar-88	ND	0.00000	44.0	100.0	44.00
Number of Samples = 2			Below acceptance = 1		
Mean % Recovery = 59			Above acceptance = 0		
Standard Deviation = 21.21			Acceptance Criteria 50.00 - 100.00		
Method: Chlorinated Herbicides (8150)					
Matrix: Solid					
Spiked Analyte = 2,4-Dichlorophenyl Acetic Acid					
Type of Spike = Surrogate - Reg. Sample.					
15-Mar-88	ND	0.00000	89.0	100.0	89.00
15-Mar-88	ND	0.00000	106.0	100.0	106.00
18-Apr-88	ND	0.00000	148.0	100.0	148.00
18-Apr-88	ND	0.00000	148.0	100.0	148.00
18-Apr-88	ND	0.00000	130.0	100.0	130.00
18-Apr-88	ND	0.00000	172.0	100.0	172.00
18-Apr-88	ND	0.00000	139.0	100.0	139.00
18-Apr-88	ND	0.00000	324.0	100.0	324.00
18-Apr-88	ND	0.00000	87.0	100.0	87.00
18-Apr-88	ND	0.00000	130.0	100.0	130.00
Type of Spike = Predigestion Matrix Spike.					
16-Mar-88	ND	0.00000	33.0	100.0	33.00
16-Mar-88	ND	0.00000	25.0	100.0	25.00
18-Apr-88	ND	0.00000	241.0	100.0	241.00
18-Apr-88	ND	0.00000	167.0	100.0	167.00
Number of Samples = 14			Below acceptance = 2		
Mean % Recovery = 138			Above acceptance = 4		
Standard Deviation = 77.13			Acceptance Criteria 50.00 - 150.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chlorinated Herbicides (8150)					
Matrix: Solid					
Spiked Analyte = 2,4-Dichlorophenyl Acetic Acid					
Type of Spike = Predigestion Matrix Spike. continued					
Method: Chlorinated Herbicides (8150)					
Matrix: Solid					
Spiked Analyte = 2,4-Dichlorophenyl acetic					
Type of Spike = Surrogate - Reg. Sample.					
15-Mar-88	ND	0.00000	106.0	100.0	106.00
15-Mar-88	ND	0.00000	89.0	100.0	89.00
18-Apr-88	ND	0.00000	139.0	100.0	139.00
18-Apr-88	ND	0.00000	172.0	100.0	172.00
18-Apr-88	ND	0.00000	87.0	100.0	87.00
18-Apr-88	ND	0.00000	130.0	100.0	130.00
18-Apr-88	ND	0.00000	148.0	100.0	148.00
18-Apr-88	ND	0.00000	148.0	100.0	148.00
18-Apr-88	ND	0.00000	130.0	100.0	130.00
18-Apr-88	ND	0.00000	324.0	100.0	324.00
Type of Spike = Predigestion Matrix Spike.					
16-Mar-88	ND	0.00000	25.0	100.0	25.00
16-Mar-88	ND	0.00000	33.0	100.0	33.00
18-Apr-88	ND	0.00000	167.0	100.0	167.00
18-Apr-88	ND	0.00000	241.0	100.0	241.00

Number of Samples = 14
Mean % Recovery = 138
Standard Deviation = 77.13

Below acceptance = 2
Above acceptance = 4
Acceptance Criteria 50.00 - 150.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic, graphite AA						
Matrix: Aqueous						
Spiked Analyte = As						
Type of Spike = Predigestion Matrix Spike.						
08-Mar-88		0.0020		0.019	0.020	85.00
08-Mar-88		0.0020		0.019	0.020	85.00
08-Mar-88		0.0020		0.028	0.025	104.00
09-Mar-88	ND	0.00000		0.016	0.020	80.00
09-Mar-88		0.021	ND	0.029	0.020	40.00
09-Mar-88		0.021		0.031	0.020	50.00
17-Mar-88		0.033		0.052	0.020	95.00
17-Mar-88	ND	0.00000		0.018	0.020	90.00
17-Mar-88		0.033		0.051	0.020	90.00
18-Apr-88	ND	0.00000		0.018	0.020	90.00
18-Apr-88		0.056		0.086	0.040	75.00
18-Apr-88		0.056		0.098	0.040	105.00
19-Apr-88	<5X	0.0050		0.022	0.020	85.00
19-Apr-88	<5X	0.0050		0.025	0.020	100.00
19-Apr-88	ND	0.00000		0.017	0.020	85.00
21-Apr-88	ND	0.0020		0.017	0.020	75.00
21-Apr-88	ND	0.00000		0.016	0.020	80.00
21-Apr-88	ND	0.0020		0.018	0.020	80.00
25-Apr-88		0.015	ND	0.0020	0.020	65.00
25-Apr-88		0.027		0.040	0.020	65.00
25-Apr-88		0.015		0.014	0.020	5.00
25-Apr-88		0.027		0.034	0.020	35.00
27-Apr-88	ND	0.0020		0.015	0.020	65.00
27-Apr-88	ND	0.0020		0.016	0.020	70.00
27-Apr-88	ND	0.00000		0.016	0.020	80.00

Number of Samples = 25
Mean % Recovery = 69
Standard Deviation = 37.01

Below acceptance = 14
Above acceptance = 0
Acceptance Criteria 85.00 - 115.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic, graphite AA					
Matrix: Solid					
Spiked Analyte = As					
Type of Spike = Analytical.					
16-Feb-88		0.79	3.3	2.5	101.60
16-Feb-88		0.64	3.0	2.4	98.75
16-Feb-88		5.2	9.8	4.8	95.83
22-Feb-88		13.2	24.5	11.8	95.76
25-Feb-88		9.4	32.0	25.0	90.40
25-Feb-88		39.0	56.0	25.0	68.00
Type of Spike = Predigestion Matrix Spike.					
16-Feb-88		10.9	12.5	1.9	84.21
16-Feb-88	ND	0.20	0.19	0.20	95.00
16-Feb-88		0.52	2.2	2.0	82.50
16-Feb-88		0.52	2.4	2.0	91.50
16-Feb-88		4.3	4.5	1.9	10.53
16-Feb-88		4.3	4.9	2.0	30.00
22-Feb-88		4.3	5.4	1.8	61.11
22-Feb-88		4.3	5.5	2.0	60.00
25-Feb-88		5.1	6.9	2.0	90.91
25-Feb-88		5.1	5.8	1.9	36.08
09-Mar-88		0.028	0.035	0.020	35.00
09-Mar-88	ND	0.00000	0.020	0.020	100.00
09-Mar-88		0.028	0.053	0.020	125.00
09-Mar-88		0.026	0.052	0.025	104.00

Number of Samples = 20
Mean % Recovery = 77
Standard Deviation = 29.92

Below acceptance = 9
Above acceptance = 1
Acceptance Criteria 85.00 - 115.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Aqueous					
Spiked Analyte = 1,2-dichloroethane-d4					
Type of Spike = Surrogate - Reg. Sample.					
03-Apr-88	ND	0.00000	92.0	100.0	92.00
05-Apr-88	ND	0.00000	86.0	100.0	86.00
05-Apr-88	ND	0.00000	89.0	100.0	89.00
Number of Samples = 3			Below acceptance = 0		
Mean % Recovery = 89			Above acceptance = 0		
Standard Deviation = 3.00			Acceptance Criteria 76.00 - 114.00		
Method: Volatile Halocarbons (8240)					
Matrix: Aqueous					
Spiked Analyte = BFB					
Type of Spike = Surrogate - Reg. Sample.					
03-Apr-88	ND	0.00000	103.0	100.0	103.00
05-Apr-88	ND	0.00000	103.0	100.0	103.00
05-Apr-88	ND	0.00000	97.0	100.0	97.00
Number of Samples = 3			Below acceptance = 0		
Mean % Recovery = 101			Above acceptance = 0		
Standard Deviation = 3.46			Acceptance Criteria 86.00 - 115.00		
Method: Volatile Halocarbons (8240)					
Matrix: Aqueous					
Spiked Analyte = Toluene-d8					
Type of Spike = Surrogate - Reg. Sample.					
03-Apr-88	ND	0.00000	99.0	100.0	99.00
05-Apr-88	ND	0.00000	100.0	100.0	100.00
05-Apr-88	ND	0.00000	100.0	100.0	100.00
Number of Samples = 3			Below acceptance = 0		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Aqueous					
Spiked Analyte = Toluene-d8					
Type of Spike = Surrogate - Reg. Sample. continued					
Mean % Recovery = 99			Above acceptance = 0		
Standard Deviation = .57			Acceptance Criteria 88.00 - 110.00		
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = 1,1-dichloroethene					
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	75.0	100.0	75.00
04-Feb-88	ND	0.00000	73.0	100.0	73.00
17-Feb-88	ND	0.00000	110.0	100.0	110.00
17-Feb-88	ND	0.00000	120.0	100.0	120.00
27-Feb-88	ND	0.00000	100.0	100.0	100.00
27-Feb-88	ND	0.00000	110.0	100.0	110.00
01-Mar-88	ND	0.00000	110.0	100.0	110.00
01-Mar-88	ND	0.00000	110.0	100.0	110.00
12-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
Number of Samples = 10			Below acceptance = 0		
Mean % Recovery = 99			Above acceptance = 0		
Standard Deviation = 15.86			Acceptance Criteria .00 - 234.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = 1,2-dichloroethane-d4					
Type of Spike = Surrogate - Reg. Sample.					
04-Feb-88	ND	0.00000	93.0	100.0	93.00
04-Feb-88	ND	0.00000	96.0	100.0	96.00
04-Feb-88	ND	0.00000	93.0	100.0	93.00
05-Feb-88	ND	0.00000	67.0	100.0	67.00
05-Feb-88	ND	0.00000	79.0	100.0	79.00
05-Feb-88	ND	0.00000	95.0	100.0	95.00
05-Feb-88	ND	0.00000	95.0	100.0	95.00
05-Feb-88	ND	0.00000	96.0	100.0	96.00
05-Feb-88	ND	0.00000	95.0	100.0	95.00
05-Feb-88	ND	0.00000	97.0	100.0	97.00
05-Feb-88	ND	0.00000	76.0	100.0	76.00
05-Feb-88	ND	0.00000	75.0	100.0	75.00
05-Feb-88	ND	0.00000	75.0	100.0	75.00
05-Feb-88	ND	0.00000	72.0	100.0	72.00
05-Feb-88	ND	0.00000	88.0	100.0	88.00
16-Feb-88	ND	0.00000	100.0	100.0	100.00
16-Feb-88	ND	0.00000	107.0	100.0	107.00
17-Feb-88	ND	0.00000	88.0	100.0	88.00
17-Feb-88	ND	0.00000	95.0	100.0	95.00
17-Feb-88	ND	0.00000	96.0	100.0	96.00
17-Feb-88	ND	0.00000	102.0	100.0	102.00
17-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	94.0	100.0	94.00
22-Feb-88	ND	0.00000	95.0	100.0	95.00
22-Feb-88	ND	0.00000	94.0	100.0	94.00
22-Feb-88	ND	0.00000	95.0	100.0	95.00
22-Feb-88	ND	0.00000	95.0	100.0	95.00
22-Feb-88	ND	0.00000	95.0	100.0	95.00
22-Feb-88	ND	0.00000	94.0	100.0	94.00
22-Feb-88	ND	0.00000	93.0	100.0	93.00
22-Feb-88	ND	0.00000	97.0	100.0	97.00
22-Feb-88	ND	0.00000	95.0	100.0	95.00
26-Feb-88	ND	0.00000	92.0	100.0	92.00
26-Feb-88	ND	0.00000	93.0	100.0	93.00
26-Feb-88	ND	0.00000	94.0	100.0	94.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = 1,2-dichloroethane-d4					
Type of Spike = Surrogate - Reg. Sample, continued					
26-Feb-88	ND	0.00000	93.0	100.0	93.00
26-Feb-88	ND	0.00000	92.0	100.0	92.00
26-Feb-88	ND	0.00000	94.0	100.0	94.00
27-Feb-88	ND	0.00000	96.0	100.0	96.00
27-Feb-88	ND	0.00000	95.0	100.0	95.00
27-Feb-88	ND	0.00000	96.0	100.0	96.00
27-Feb-88	ND	0.00000	96.0	100.0	96.00
27-Feb-88	ND	0.00000	97.0	100.0	97.00
27-Feb-88	ND	0.00000	97.0	100.0	97.00
28-Feb-88	ND	0.00000	94.0	100.0	94.00
28-Feb-88	ND	0.00000	93.0	100.0	93.00
01-Mar-88	ND	0.00000	94.0	100.0	94.00
01-Mar-88	ND	0.00000	94.0	100.0	94.00
01-Mar-88	ND	0.00000	91.0	100.0	91.00
01-Mar-88	ND	0.00000	93.0	100.0	93.00
01-Mar-88	ND	0.00000	93.0	100.0	93.00
01-Mar-88	ND	0.00000	95.0	100.0	95.00
01-Mar-88	ND	0.00000	91.0	100.0	91.00
02-Mar-88	ND	0.00000	113.0	100.0	113.00
02-Mar-88	ND	0.00000	110.0	100.0	110.00
02-Mar-88	ND	0.00000	72.0	100.0	72.00
02-Mar-88	ND	0.00000	74.0	100.0	74.00
02-Mar-88	ND	0.00000	112.0	100.0	112.00
06-Mar-88	ND	0.00000	87.0	100.0	87.00
06-Mar-88	ND	0.00000	85.0	100.0	85.00
06-Mar-88	NO	0.00000	113.0	100.0	113.00
07-Mar-88	ND	0.00000	92.0	100.0	92.00
16-Mar-88	ND	0.00000	96.0	100.0	96.00
16-Mar-88	ND	0.00000	82.0	100.0	82.00
16-Mar-88	ND	0.00000	108.0	100.0	108.00
16-Mar-88	ND	0.00000	92.0	100.0	92.00
16-Mar-88	NO	0.00000	121.0	100.0	121.00
03-Apr-88	ND	0.00000	86.0	100.0	86.00
03-Apr-88	ND	0.00000	87.0	100.0	87.00
03-Apr-88	ND	0.00000	85.0	100.0	85.00
03-Apr-88	ND	0.00000	88.0	100.0	88.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = 1,2-dichloroethane-d4					
Type of Spike = Surrogate - Reg. Sample. continued					
03-Apr-88	ND	0.00000	90.0	100.0	90.00
03-Apr-88	ND	0.00000	92.0	100.0	92.00
03-Apr-88	ND	0.00000	92.0	100.0	92.00
03-Apr-88	ND	0.00000	89.0	100.0	89.00
03-Apr-88	ND	0.00000	89.0	100.0	89.00
03-Apr-88	ND	0.00000	85.0	100.0	85.00
03-Apr-88	ND	0.00000	95.0	100.0	95.00
07-Apr-88	ND	0.00000	92.0	100.0	92.00
07-Apr-88	ND	0.00000	91.0	100.0	91.00
07-Apr-88	ND	0.00000	92.0	100.0	92.00
12-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	99.0	100.0	99.00
12-Apr-88	ND	0.00000	95.0	100.0	95.00
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	94.0	100.0	94.00
04-Feb-88	ND	0.00000	95.0	100.0	95.00
17-Feb-88	ND	0.00000	92.0	100.0	92.00
17-Feb-88	ND	0.00000	100.0	100.0	100.00
27-Feb-88	ND	0.00000	96.0	100.0	96.00
27-Feb-88	ND	0.00000	96.0	100.0	96.00
01-Mar-88	ND	0.00000	91.0	100.0	91.00
01-Mar-88	ND	0.00000	90.0	100.0	90.00
03-Apr-88	ND	0.00000	87.0	100.0	87.00
12-Apr-88	ND	0.00000	92.0	100.0	92.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00

Number of Samples = 95
Mean % Recovery = 92
Standard Deviation = 8.50

Below acceptance = 1
Above acceptance = 0
Acceptance Criteria 70.00 - 121.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = BFB					
Type of Spike = Surrogate - Reg. Sample.					
04-Feb-88	ND	0.00000	96.0	100.0	96.00
04-Feb-88	ND	0.00000	99.0	100.0	99.00
04-Feb-88	ND	0.00000	100.0	100.0	100.00
05-Feb-88	ND	0.00000	101.0	100.0	101.00
05-Feb-88	ND	0.00000	102.0	100.0	102.00
05-Feb-88	ND	0.00000	103.0	100.0	103.00
05-Feb-88	ND	0.00000	110.0	100.0	110.00
05-Feb-88	ND	0.00000	108.0	100.0	108.00
05-Feb-88	ND	0.00000	106.0	100.0	106.00
05-Feb-88	ND	0.00000	114.0	100.0	114.00
05-Feb-88	ND	0.00000	108.0	100.0	108.00
05-Feb-88	ND	0.00000	107.0	100.0	107.00
05-Feb-88	ND	0.00000	110.0	100.0	110.00
05-Feb-88	ND	0.00000	99.0	100.0	99.00
05-Feb-88	ND	0.00000	103.0	100.0	103.00
16-Feb-88	ND	0.00000	102.0	100.0	102.00
16-Feb-88	ND	0.00000	107.0	100.0	107.00
17-Feb-88	ND	0.00000	105.0	100.0	105.00
17-Feb-88	ND	0.00000	101.0	100.0	101.00
17-Feb-88	ND	0.00000	103.0	100.0	103.00
17-Feb-88	ND	0.00000	103.0	100.0	103.00
17-Feb-88	ND	0.00000	102.0	100.0	102.00
22-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	97.0	100.0	97.00
22-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	98.0	100.0	98.00
22-Feb-88	ND	0.00000	101.0	100.0	101.00
22-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	113.0	100.0	113.00
22-Feb-88	ND	0.00000	100.0	100.0	100.00
22-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	98.0	100.0	98.00
26-Feb-88	ND	0.00000	107.0	100.0	107.00
26-Feb-88	ND	0.00000	100.0	100.0	100.00
26-Feb-88	ND	0.00000	101.0	100.0	101.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = BFB					
Type of Spike = Surrogate - Reg. Sample. continued					
26-Feb-88	ND	0.00000	101.0	100.0	101.00
26-Feb-88	ND	0.00000	98.0	100.0	98.00
26-Feb-88	ND	0.00000	100.0	100.0	100.00
27-Feb-88	ND	0.00000	99.0	100.0	99.00
27-Feb-88	ND	0.00000	104.0	100.0	104.00
27-Feb-88	ND	0.00000	104.0	100.0	104.00
27-Feb-88	ND	0.00000	97.0	100.0	97.00
27-Feb-88	ND	0.00000	95.0	100.0	95.00
27-Feb-88	ND	0.00000	97.0	100.0	97.00
28-Feb-88	ND	0.00000	99.0	100.0	99.00
28-Feb-88	ND	0.00000	99.0	100.0	99.00
01-Mar-88	ND	0.00000	98.0	100.0	98.00
01-Mar-88	ND	0.00000	97.0	100.0	97.00
01-Mar-88	ND	0.00000	90.0	100.0	90.00
01-Mar-88	ND	0.00000	95.0	100.0	95.00
01-Mar-88	ND	0.00000	98.0	100.0	98.00
01-Mar-88	ND	0.00000	107.0	100.0	107.00
01-Mar-88	ND	0.00000	99.0	100.0	99.00
02-Mar-88	ND	0.00000	112.0	100.0	112.00
02-Mar-88	ND	0.00000	115.0	100.0	115.00
02-Mar-88	ND	0.00000	121.0	100.0	121.00
02-Mar-88	ND	0.00000	111.0	100.0	111.00
02-Mar-88	ND	0.00000	104.0	100.0	104.00
06-Mar-88	ND	0.00000	109.0	100.0	109.00
06-Mar-88	ND	0.00000	118.0	100.0	118.00
06-Mar-88	ND	0.00000	117.0	100.0	117.00
07-Mar-88	ND	0.00000	103.0	100.0	103.00
16-Mar-88	ND	0.00000	109.0	100.0	109.00
16-Mar-88	ND	0.00000	103.0	100.0	103.00
16-Mar-88	ND	0.00000	100.0	100.0	100.00
16-Mar-88	ND	0.00000	105.0	100.0	105.00
16-Mar-88	ND	0.00000	112.0	100.0	112.00
03-Apr-88	ND	0.00000	97.0	100.0	97.00
03-Apr-88	ND	0.00000	97.0	100.0	97.00
03-Apr-88	ND	0.00000	99.0	100.0	99.00
03-Apr-88	ND	0.00000	96.0	100.0	96.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = BFB					
Type of Spike = Surrogate - Reg. Sample. continued					
03-Apr-88	ND	0.00000	99.0	100.0	99.00
03-Apr-88	ND	0.00000	94.0	100.0	94.00
03-Apr-88	ND	0.00000	98.0	100.0	98.00
03-Apr-88	ND	0.00000	100.0	100.0	100.00
03-Apr-88	ND	0.00000	100.0	100.0	100.00
03-Apr-88	ND	0.00000	102.0	100.0	102.00
03-Apr-88	ND	0.00000	98.0	100.0	98.00
07-Apr-88	ND	0.00000	104.0	100.0	104.00
07-Apr-88	ND	0.00000	75.0	100.0	75.00
07-Apr-88	ND	0.00000	118.0	100.0	118.00
12-Apr-88	ND	0.00000	102.0	100.0	102.00
12-Apr-88	ND	0.00000	106.0	100.0	106.00
12-Apr-88	ND	0.00000	107.0	100.0	107.00
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	99.0	100.0	99.00
04-Feb-88	ND	0.00000	97.0	100.0	97.00
17-Feb-88	ND	0.00000	102.0	100.0	102.00
17-Feb-88	ND	0.00000	106.0	100.0	106.00
27-Feb-88	ND	0.00000	97.0	100.0	97.00
27-Feb-88	ND	0.00000	97.0	100.0	97.00
01-Mar-88	ND	0.00000	100.0	100.0	100.00
01-Mar-88	ND	0.00000	98.0	100.0	98.00
03-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	108.0	100.0	108.00
12-Apr-88	NO	0.00000	107.0	100.0	107.00

Number of Samples = 95
Mean % Recovery = 102
Standard Deviation = 6.53

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 74.00 - 121.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = Toluene-d8					
Type of Spike = Surrogate - Reg. Sample.					
04-Feb-88	ND	0.00000	99.0	100.0	99.00
04-Feb-88	ND	0.00000	101.0	100.0	101.00
04-Feb-88	ND	0.00000	99.0	100.0	99.00
05-Feb-88	ND	0.00000	116.0	100.0	116.00
05-Feb-88	ND	0.00000	102.0	100.0	102.00
05-Feb-88	ND	0.00000	114.0	100.0	114.00
05-Feb-88	ND	0.00000	99.0	100.0	99.00
05-Feb-88	ND	0.00000	120.0	100.0	120.00
05-Feb-88	ND	0.00000	119.0	100.0	119.00
05-Feb-88	ND	0.00000	94.0	100.0	94.00
05-Feb-88	ND	0.00000	100.0	100.0	100.00
05-Feb-88	ND	0.00000	100.0	100.0	100.00
05-Feb-88	ND	0.00000	99.0	100.0	99.00
05-Feb-88	ND	0.00000	100.0	100.0	100.00
05-Feb-88	ND	0.00000	115.0	100.0	115.00
16-Feb-88	NO	0.00000	97.0	100.0	97.00
16-Feb-88	ND	0.00000	105.0	100.0	105.00
17-Feb-88	ND	0.00000	105.0	100.0	105.00
17-Feb-88	ND	0.00000	108.0	100.0	108.00
17-Feb-88	ND	0.00000	110.0	100.0	110.00
17-Feb-88	ND	0.00000	108.0	100.0	108.00
17-Feb-88	ND	0.00000	111.0	100.0	111.00
22-Feb-88	ND	0.00000	96.0	100.0	96.00
22-Feb-88	ND	0.00000	101.0	100.0	101.00
22-Feb-88	ND	0.00000	100.0	100.0	100.00
22-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	99.0	100.0	99.00
22-Feb-88	ND	0.00000	105.0	100.0	105.00
22-Feb-88	ND	0.00000	98.0	100.0	98.00
22-Feb-88	ND	0.00000	98.0	100.0	98.00
22-Feb-88	ND	0.00000	98.0	100.0	98.00
26-Feb-88	ND	0.00000	100.0	100.0	100.00
26-Feb-88	ND	0.00000	100.0	100.0	100.00
26-Feb-88	ND	0.00000	99.0	100.0	99.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = Toluene-d8					
Type of Spike = Surrogate - Reg. Sample. continued					
26-Feb-88	ND	0.00000	108.0	100.0	108.00
26-Feb-88	ND	0.00000	100.0	100.0	100.00
26-Feb-88	ND	0.00000	99.0	100.0	99.00
27-Feb-88	ND	0.00000	99.0	100.0	99.00
27-Feb-88	ND	0.00000	107.0	100.0	107.00
27-Feb-88	ND	0.00000	100.0	100.0	100.00
27-Feb-88	ND	0.00000	100.0	100.0	100.00
27-Feb-88	ND	0.00000	99.0	100.0	99.00
27-Feb-88	ND	0.00000	100.0	100.0	100.00
28-Feb-88	ND	0.00000	97.0	100.0	97.00
28-Feb-88	ND	0.00000	100.0	100.0	100.00
01-Mar-88	ND	0.00000	87.0	100.0	87.00
01-Mar-88	ND	0.00000	101.0	100.0	101.00
01-Mar-88	ND	0.00000	100.0	100.0	100.00
01-Mar-88	ND	0.00000	104.0	100.0	104.00
01-Mar-88	ND	0.00000	96.0	100.0	96.00
01-Mar-88	ND	0.00000	100.0	100.0	100.00
01-Mar-88	ND	0.00000	99.0	100.0	99.00
02-Mar-88	ND	0.00000	99.0	100.0	99.00
02-Mar-88	ND	0.00000	108.0	100.0	108.00
02-Mar-88	ND	0.00000	110.0	100.0	110.00
02-Mar-88	ND	0.00000	98.0.	100.0	98.00
02-Mar-88	ND	0.00000	107.0	100.0	107.00
06-Mar-88	ND	0.00000	98.0	100.0	98.00
06-Mar-88	ND	0.00000	116.0	100.0	116.00
06-Mar-88	ND	0.00000	103.0	100.0	103.00
07-Mar-88	ND	0.00000	100.0	100.0	100.00
16-Mar-88	ND	0.00000	109.0	100.0	109.00
16-Mar-88	ND	0.00000	105.0	100.0	105.00
16-Mar-88	ND	0.00000	108.0	100.0	108.00
16-Mar-88	ND	0.00000	106.0	100.0	106.00
16-Mar-88	ND	0.00000	107.0	100.0	107.00
03-Apr-88	ND	0.00000	99.0	100.0	99.00
03-Apr-88	ND	0.00000	103.0	100.0	103.00
03-Apr-88	ND	0.00000	102.0	100.0	102.00
03-Apr-88	ND	0.00000	99.0	100.0	99.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = Toluene-d8					
Type of Spike = Surrogate - Reg. Sample. continued					
03-Apr-88	ND	0.00000	100.0	100.0	100.00
03-Apr-88	ND	0.00000	100.0	100.0	100.00
03-Apr-88	ND	0.00000	103.0	100.0	103.00
03-Apr-88	ND	0.00000	98.0	100.0	98.00
03-Apr-88	ND	0.00000	101.0	100.0	101.00
03-Apr-88	ND	0.00000	101.0	100.0	101.00
03-Apr-88	ND	0.00000	101.0	100.0	101.00
07-Apr-88	ND	0.00000	99.0	100.0	99.00
07-Apr-88	ND	0.00000	104.0	100.0	104.00
07-Apr-88	ND	0.00000	102.0	100.0	102.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	98.0	100.0	98.00
12-Apr-88	ND	0.00000	98.0	100.0	98.00
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	101.0	100.0	101.00
04-Feb-88	ND	0.00000	100.0	100.0	100.00
17-Feb-88	ND	0.00000	110.0	100.0	110.00
17-Feb-88	ND	0.00000	107.0	100.0	107.00
27-Feb-88	ND	0.00000	99.0	100.0	99.00
27-Feb-88	ND	0.00000	99.0	100.0	99.00
01-Mar-88	ND	0.00000	98.0	100.0	98.00
01-Mar-88	ND	0.00000	98.0	100.0	98.00
03-Apr-88	ND	0.00000	100.0	100.0	100.00
12-Apr-88	ND	0.00000	102.0	100.0	102.00
12-Apr-88	ND	0.00000	100.0	100.0	100.00

Number of Samples = 95
Mean % Recovery = 102
Standard Deviation = 5.47

Below acceptance = 1
Above acceptance = 7
Acceptance Criteria 88.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = benzene					
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	77.0	100.0	77.00
04-Feb-88	ND	0.00000	81.0	100.0	81.00
17-Feb-88	ND	0.00000	120.0	100.0	120.00
17-Feb-88	ND	0.00000	110.0	100.0	110.00
27-Feb-88	ND	0.00000	93.0	100.0	93.00
27-Feb-88	NO	0.00000	88.0	100.0	88.00
01-Mar-88	NO	0.00000	92.0	100.0	92.00
01-Mar-88	ND	0.00000	93.0	100.0	93.00
12-Apr-88	ND	0.00000	93.0	100.0	93.00
12-Apr-88	ND	0.00000	93.0	100.0	93.00

Number of Samples = 10 — Below acceptance = 0
Mean % Recovery = 94 — Above acceptance = 0
Standard Deviation = 12.62 — Acceptance Criteria 37.00 - 151.00

Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = chlorobenzene					
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	92.0	100.0	92.00
04-Feb-88	ND	0.00000	83.0	100.0	83.00
17-Feb-88	ND	0.00000	95.0	100.0	95.00
17-Feb-88	ND	0.00000	100.0	100.0	100.00
27-Feb-88	ND	0.00000	95.0	100.0	95.00
27-Feb-88	ND	0.00000	90.0	100.0	90.00
01-Mar-88	ND	0.00000	94.0	100.0	94.00
01-Mar-88	NO	0.00000	95.0	100.0	95.00
12-Apr-88	NO	0.00000	120.0	100.0	120.00
12-Apr-88	NO	0.00000	110.0	100.0	110.00

Number of Samples = 10 — Below acceptance = 0
Mean % Recovery = 97 — Above acceptance = 0

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = chlorobenzene					
Type of Spike = Predigestion Matrix Spike. continued					
Standard Deviation = 10.52			Acceptance Criteria	37.00 - 160.00	
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = toluene					
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	81.0	100.0	81.00
04-Feb-88	ND	0.00000	88.0	100.0	88.00
17-Feb-88	ND	0.00000	100.0	100.0	100.00
17-Feb-88	ND	0.00000	110.0	100.0	110.00
27-Feb-88	ND	0.00000	56.0	100.0	56.00
27-Feb-88	ND	0.00000	50.0	100.0	50.00
01-Mar-88	ND	0.00000	98.0	100.0	98.00
01-Mar-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	108.0	100.0	108.00
12-Apr-88	ND	0.00000	92.0	100.0	92.00
Number of Samples = 10			Below acceptance = 0		
Mean % Recovery = 88			Above acceptance = 0		
Standard Deviation = 20.39			Acceptance Criteria	47.00 - 163.00	
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = trichloroethene					
Type of Spike = Predigestion Matrix Spike.					
04-Feb-88	ND	0.00000	89.0	100.0	89.00
04-Feb-88	ND	0.00000	82.0	100.0	82.00
17-Feb-88	ND	0.00000	95.0	100.0	95.00
17-Feb-88	ND	0.00000	88.0	100.0	88.00
27-Feb-88	ND	0.00000	94.0	100.0	94.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Volatile Halocarbons (8240)					
Matrix: Solid					
Spiked Analyte = trichloroethene					
Type of Spike = Predigestion Matrix Spike. continued					
27-Feb-88	ND	0.00000	89.0	100.0	89.00
01-Mar-88	ND	0.00000	90.0	100.0	90.00
01-Mar-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	89.0	100.0	89.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00

Number of Samples = 10 — Below acceptance = 0
Mean % Recovery = 89 — Above acceptance = 0
Standard Deviation = 3.50 — Acceptance Criteria 71.00 - 157.00

Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 1,2,4-trichlorobenzene					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	70.0	100.0	70.00
18-Feb-88	ND	0.00000	69.0	100.0	69.00
24-Feb-88	ND	0.00000	72.0	100.0	72.00
24-Feb-88	ND	0.00000	69.0	100.0	69.00
09-Mar-88	ND	0.00000	85.0	100.0	85.00
09-Mar-88	ND	0.00000	91.0	100.0	91.00
07-Apr-88	ND	0.00000	78.0	100.0	78.00
13-Apr-88	ND	0.00000	82.0	100.0	82.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 77 — Above acceptance = 0
Standard Deviation = 8.34 — Acceptance Criteria 44.00 - 142.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 1,4-dichlorobenzene					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	62.0	100.0	62.00
18-Feb-88	ND	0.00000	64.0	100.0	64.00
24-Feb-88	ND	0.00000	61.0	100.0	61.00
24-Feb-88	ND	0.00000	34.0	100.0	34.00
09-Mar-88	ND	0.00000	82.0	100.0	82.00
09-Mar-88	ND	0.00000	87.0	100.0	87.00
07-Apr-88	ND	0.00000	73.0	100.0	73.00
13-Apr-88	ND	0.00000	73.0	100.0	73.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 67 — Above acceptance = 0
Standard Deviation = 16.28 — Acceptance Criteria 20.00 - 124.00

Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2,4,6-tribromophenol					
Type of Spike = Surrogate - Reg. Sample.					
17-Feb-88	ND	0.00000	73.0	100.0	73.00
17-Feb-88	ND	0.00000	73.0	100.0	73.00
17-Feb-88	ND	0.00000	77.0	100.0	77.00
17-Feb-88	ND	0.00000	77.0	100.0	77.00
17-Feb-88	ND	0.00000	71.0	100.0	71.00
17-Feb-88	ND	0.00000	70.0	100.0	70.00
17-Feb-88	ND	0.00000	87.0	100.0	87.00
17-Feb-88	ND	0.00000	68.0	100.0	68.00
18-Feb-88	ND	0.00000	59.0	100.0	59.00
18-Feb-88	ND	0.00000	56.0	100.0	56.00
18-Feb-88	ND	0.00000	54.0	100.0	54.00
18-Feb-88	ND	0.00000	59.0	100.0	59.00
18-Feb-88	ND	0.00000	64.0	100.0	64.00
18-Feb-88	ND	0.00000	56.0	100.0	56.00
19-Feb-88	ND	0.00000	71.0	100.0	71.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2,4,6-tribromophenol					
Type of Spike = Surrogate - Reg. Sample. continued					
19-Feb-88	ND	0.00000	66.0	100.0	66.00
19-Feb-88	ND	0.00000	71.0	100.0	71.00
19-Feb-88	ND	0.00000	62.0	100.0	62.00
19-Feb-88	ND	0.00000	71.0	100.0	71.00
19-Feb-88	ND	0.00000	62.0	100.0	62.00
19-Feb-88	ND	0.00000	67.0	100.0	67.00
24-Feb-88	ND	0.00000	59.0	100.0	59.00
24-Feb-88	ND	0.00000	70.0	100.0	70.00
24-Feb-88	ND	0.00000	62.0	100.0	62.00
24-Feb-88	ND	0.00000	57.0	100.0	57.00
26-Feb-88	ND	0.00000	73.0	100.0	73.00
26-Feb-88	ND	0.00000	77.0	100.0	77.00
03-Mar-88	ND	0.00000	65.0	100.0	65.00
03-Mar-88	ND	0.00000	66.0	100.0	66.00
03-Mar-88	ND	0.00000	71.0	100.0	71.00
03-Mar-88	ND	0.00000	77.0	100.0	77.00
03-Mar-88	ND	0.00000	65.0	100.0	65.00
07-Mar-88	ND	0.00000	115.0	100.0	115.00
07-Mar-88	ND	0.00000	108.0	100.0	108.00
07-Mar-88	ND	0.00000	109.0	100.0	109.00
08-Mar-88	ND	0.00000	95.0	100.0	95.00
08-Mar-88	ND	0.00000	75.0	100.0	75.00
08-Mar-88	ND	0.00000	95.0	100.0	95.00
08-Mar-88	ND	0.00000	89.0	100.0	89.00
08-Mar-88	ND	0.00000	73.0	100.0	73.00
08-Mar-88	ND	0.00000	94.0	100.0	94.00
09-Mar-88	ND	0.00000	89.0	100.0	89.00
09-Mar-88	ND	0.00000	100.0	100.0	100.00
09-Mar-88	ND	0.00000	84.0	100.0	84.00
09-Mar-88	ND	0.00000	78.0	100.0	78.00
09-Mar-88	ND	0.00000	90.0	100.0	90.00
09-Mar-88	ND	0.00000	81.0	100.0	81.00
14-Mar-88	ND	0.00000	81.0	100.0	81.00
14-Mar-88	ND	0.00000	84.0	100.0	84.00
14-Mar-88	ND	0.00000	87.0	100.0	87.00
14-Mar-88	ND	0.00000	95.0	100.0	95.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2,4,6-tribromophenol					
Type of Spike = Surrogate - Reg. Sample. continued					
14-Mar-88	ND	0.00000	90.0	100.0	90.00
07-Apr-88	ND	0.00000	65.0	100.0	65.00
07-Apr-88	ND	0.00000	72.0	100.0	72.00
07-Apr-88	ND	0.00000	64.0	100.0	64.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	81.0	100.0	81.00
12-Apr-88	ND	0.00000	70.0	100.0	70.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	67.0	100.0	67.00
12-Apr-88	ND	0.00000	73.0	100.0	73.00
12-Apr-88	ND	0.00000	66.0	100.0	66.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	82.0	100.0	82.00
13-Apr-88	ND	0.00000	83.0	100.0	83.00
13-Apr-88	ND	0.00000	87.0	100.0	87.00
13-Apr-88	ND	0.00000	82.0	100.0	82.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	92.0	100.0	92.00
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	61.0	100.0	61.00
18-Feb-88	ND	0.00000	59.0	100.0	59.00
24-Feb-88	ND	0.00000	61.0	100.0	61.00
24-Feb-88	ND	0.00000	58.0	100.0	58.00
09-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	94.0	100.0	94.00
07-Apr-88	ND	0.00000	70.0	100.0	70.00
13-Apr-88	ND	0.00000	83.0	100.0	83.00

Number of Samples = 79
Mean % Recovery = 76
Standard Deviation = 13.53

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 19.00 - 122.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2-fluorobiphenyl					
Type of Spike = Surrogate - Reg. Sample.					
17-Feb-88	ND	0.00000	74.0	100.0	74.00
17-Feb-88	ND	0.00000	72.0	100.0	72.00
17-Feb-88	ND	0.00000	68.0	100.0	68.00
17-Feb-88	ND	0.00000	76.0	100.0	76.00
17-Feb-88	ND	0.00000	109.0	100.0	109.00
17-Feb-88	ND	0.00000	71.0	100.0	71.00
17-Feb-88	ND	0.00000	73.0	100.0	73.00
17-Feb-88	ND	0.00000	70.0	100.0	70.00
18-Feb-88	ND	0.00000	69.0	100.0	69.00
18-Feb-88	ND	0.00000	74.0	100.0	74.00
18-Feb-88	ND	0.00000	70.0	100.0	70.00
18-Feb-88	ND	0.00000	74.0	100.0	74.00
18-Feb-88	ND	0.00000	70.0	100.0	70.00
18-Feb-88	ND	0.00000	73.0	100.0	73.00
19-Feb-88	ND	0.00000	64.0	100.0	64.00
19-Feb-88	ND	0.00000	71.0	100.0	71.00
19-Feb-88	ND	0.00000	71.0	100.0	71.00
19-Feb-88	ND	0.00000	66.0	100.0	66.00
19-Feb-88	ND	0.00000	67.0	100.0	67.00
19-Feb-88	ND	0.00000	65.0	100.0	65.00
19-Feb-88	ND	0.00000	67.0	100.0	67.00
24-Feb-88	ND	0.00000	65.0	100.0	65.00
24-Feb-88	ND	0.00000	71.0	100.0	71.00
24-Feb-88	ND	0.00000	68.0	100.0	68.00
24-Feb-88	ND	0.00000	57.0	100.0	57.00
26-Feb-88	ND	0.00000	71.0	100.0	71.00
26-Feb-88	ND	0.00000	73.0	100.0	73.00
03-Mar-88	ND	0.00000	67.0	100.0	67.00
03-Mar-88	ND	0.00000	66.0	100.0	66.00
03-Mar-88	ND	0.00000	78.0	100.0	78.00
03-Mar-88	ND	0.00000	69.0	100.0	69.00
03-Mar-88	ND	0.00000	64.0	100.0	64.00
07-Mar-88	ND	0.00000	93.0	100.0	93.00
07-Mar-88	ND	0.00000	95.0	100.0	95.00
07-Mar-88	ND	0.00000	98.0	100.0	98.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2-fluorobiphenyl					
Type of Spike = Surrogate - Reg. Sample. continued					
08-Mar-88	ND	0.00000	92.0	100.0	92.00
08-Mar-88	ND	0.00000	96.0	100.0	96.00
08-Mar-88	ND	0.00000	97.0	100.0	97.00
08-Mar-88	ND	0.00000	86.0	100.0	86.00
08-Mar-88	ND	0.00000	97.0	100.0	97.00
08-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	80.0	100.0	80.00
09-Mar-88	ND	0.00000	82.0	100.0	82.00
09-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	84.0	100.0	84.00
09-Mar-88	ND	0.00000	81.0	100.0	81.00
09-Mar-88	ND	0.00000	90.0	100.0	90.00
14-Mar-88	ND	0.00000	92.0	100.0	92.00
14-Mar-88	ND	0.00000	88.0	100.0	88.00
14-Mar-88	ND	0.00000	94.0	100.0	94.00
14-Mar-88	ND	0.00000	84.0	100.0	84.00
14-Mar-88	ND	0.00000	85.0	100.0	85.00
07-Apr-88	ND	0.00000	73.0	100.0	73.00
07-Apr-88	ND	0.00000	76.0	100.0	76.00
07-Apr-88	ND	0.00000	74.0	100.0	74.00
12-Apr-88	ND	0.00000	85.0	100.0	85.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	79.0	100.0	79.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	80.0	100.0	80.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	71.0	100.0	71.00
12-Apr-88	ND	0.00000	74.0	100.0	74.00
12-Apr-88	ND	0.00000	73.0	100.0	73.00
13-Apr-88	ND	0.00000	89.0	100.0	89.00
13-Apr-88	ND	0.00000	88.0	100.0	88.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	87.0	100.0	87.00
13-Apr-88	ND	0.00000	93.0	100.0	93.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2-fluorobiphenyl					
Type of Spike = Predigestion Matrix Spike. continued					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	65.0	100.0	65.00
18-Feb-88	ND	0.00000	62.0	100.0	62.00
24-Feb-88	ND	0.00000	65.0	100.0	65.00
24-Feb-88	ND	0.00000	66.0	100.0	66.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
09-Mar-88	ND	0.00000	93.0	100.0	93.00
07-Apr-88	ND	0.00000	73.0	100.0	73.00
13-Apr-88	ND	0.00000	86.0	100.0	86.00
Number of Samples = 79			Below acceptance = 0		
Mean % Recovery = 78			Above acceptance = 0		
Standard Deviation = 10.92			Acceptance Criteria 30.00 - 115.00		
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2-fluorophenol					
Type of Spike = Surrogate - Reg. Sample.					
17-Feb-88	ND	0.00000	69.0	100.0	69.00
17-Feb-88	ND	0.00000	83.0	100.0	83.00
17-Feb-88	ND	0.00000	56.0	100.0	56.00
17-Feb-88	ND	0.00000	63.0	100.0	63.00
17-Feb-88	ND	0.00000	57.0	100.0	57.00
17-Feb-88	ND	0.00000	64.0	100.0	64.00
17-Feb-88	ND	0.00000	65.0	100.0	65.00
17-Feb-88	ND	0.00000	60.0	100.0	60.00
18-Feb-88	ND	0.00000	59.0	100.0	59.00
18-Feb-88	ND	0.00000	59.0	100.0	59.00
18-Feb-88	ND	0.00000	60.0	100.0	60.00
18-Feb-88	ND	0.00000	63.0	100.0	63.00
18-Feb-88	ND	0.00000	66.0	100.0	66.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2-fluorophenol					
Type of Spike = Surrogate - Reg. Sample. continued					
14-Mar-88	ND	0.00000	99.0	100.0	99.00
14-Mar-88	ND	0.00000	93.0	100.0	93.00
14-Mar-88	ND	0.00000	89.0	100.0	89.00
07-Apr-88	ND	0.00000	75.0	100.0	75.00
07-Apr-88	ND	0.00000	65.0	100.0	65.00
07-Apr-88	ND	0.00000	74.0	100.0	74.00
12-Apr-88	ND	0.00000	62.0	100.0	62.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	51.0	100.0	51.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	80.0	100.0	80.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	73.0	100.0	73.00
12-Apr-88	ND	0.00000	55.0	100.0	55.00
12-Apr-88	ND	0.00000	89.0	100.0	89.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	79.0	100.0	79.00
13-Apr-88	ND	0.00000	76.0	100.0	76.00
13-Apr-88	ND	0.00000	85.0	100.0	85.00
13-Apr-88	ND	0.00000	94.0	100.0	94.00
13-Apr-88	ND	0.00000	81.0	100.0	81.00
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	60.0	100.0	60.00
18-Feb-88	ND	0.00000	60.0	100.0	60.00
24-Feb-88	ND	0.00000	59.0	100.0	59.00
24-Feb-88	ND	0.00000	62.0	100.0	62.00
09-Mar-88	ND	0.00000	100.0	100.0	100.00
09-Mar-88	ND	0.00000	94.0	100.0	94.00
07-Apr-88	ND	0.00000	72.0	100.0	72.00
13-Apr-88	ND	0.00000	81.0	100.0	81.00

Number of Samples = 79 Below acceptance = 0

Mean % Recovery = 76 Above acceptance = 0

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 2-fluorophenol					
Type of Spike = Predigestion Matrix Spike. continued					
Standard Deviation = 13.54			Acceptance Criteria	25.00 - 121.00	
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 4-chloro-3-methylphenol					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	77.0	100.0	77.00
18-Feb-88	ND	0.00000	78.0	100.0	78.00
24-Feb-88	ND	0.00000	76.0	100.0	76.00
24-Feb-88	ND	0.00000	71.0	100.0	71.00
09-Mar-88	ND	0.00000	90.0	100.0	90.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
07-Apr-88	ND	0.00000	73.0	100.0	73.00
13-Apr-88	ND	0.00000	79.0	100.0	79.00
Number of Samples = 8			Below acceptance = 0		
Mean % Recovery = 79			Above acceptance = 0		
Standard Deviation = 6.71			Acceptance Criteria	22.00 - 147.00	
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 4-nitrophenol					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	86.0	100.0	86.00
18-Feb-88	ND	0.00000	77.0	100.0	77.00
24-Feb-88	ND	0.00000	71.0	100.0	71.00
24-Feb-88	ND	0.00000	91.0	100.0	91.00
09-Mar-88	ND	0.00000	103.0	100.0	103.00
09-Mar-88	ND	0.00000	98.0	100.0	98.00
07-Apr-88	ND	0.00000	75.0	100.0	75.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = 4-nitrophenol					
Type of Spike = Predigestion Matrix Spike. continued					
13-Apr-88	ND	0.00000	88.0	100.0	88.00

Number of Samples = 8
Mean % Recovery = 86
Standard Deviation = 11.26

Below acceptance = 0
Above acceptance = 8
Acceptance Criteria

Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = acenaphthene					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	75.0	100.0	75.00
18-Feb-88	ND	0.00000	76.0	100.0	76.00
24-Feb-88	ND	0.00000	81.0	100.0	81.00
24-Feb-88	ND	0.00000	75.0	100.0	75.00
09-Mar-88	ND	0.00000	95.0	100.0	95.00
09-Mar-88	ND	0.00000	93.0	100.0	93.00
07-Apr-88	ND	0.00000	78.0	100.0	78.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00

Number of Samples = 8
Mean % Recovery = 82
Standard Deviation = 7.97

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 47.00 - 145.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = d14-terphenyl					
Type of Spike = Surrogate - Reg. Sample.					
17-Feb-88	ND	0.00000	119.0	100.0	119.00
17-Feb-88	ND	0.00000	121.0	100.0	121.00
17-Feb-88	ND	0.00000	178.0	100.0	178.00
17-Feb-88	ND	0.00000	126.0	100.0	126.00
17-Feb-88	ND	0.00000	136.0	100.0	136.00
17-Feb-88	ND	0.00000	127.0	100.0	127.00
17-Feb-88	ND	0.00000	121.0	100.0	121.00
17-Feb-88	ND	0.00000	112.0	100.0	112.00
18-Feb-88	ND	0.00000	121.0	100.0	121.00
18-Feb-88	ND	0.00000	117.0	100.0	117.00
18-Feb-88	ND	0.00000	126.0	100.0	126.00
18-Feb-88	ND	0.00000	113.0	100.0	113.00
18-Feb-88	ND	0.00000	106.0	100.0	106.00
18-Feb-88	ND	0.00000	119.0	100.0	119.00
19-Feb-88	ND	0.00000	123.0	100.0	123.00
19-Feb-88	ND	0.00000	128.0	100.0	128.00
19-Feb-88	ND	0.00000	119.0	100.0	119.00
19-Feb-88	ND	0.00000	109.0	100.0	109.00
19-Feb-88	ND	0.00000	114.0	100.0	114.00
19-Feb-88	ND	0.00000	122.0	100.0	122.00
19-Feb-88	ND	0.00000	111.0	100.0	111.00
24-Feb-88	ND	0.00000	121.0	100.0	121.00
24-Feb-88	ND	0.00000	100.0	100.0	100.00
24-Feb-88	ND	0.00000	114.0	100.0	114.00
24-Feb-88	ND	0.00000	122.0	100.0	122.00
26-Feb-88	ND	0.00000	74.0	100.0	74.00
26-Feb-88	ND	0.00000	86.0	100.0	86.00
03-Mar-88	ND	0.00000	65.0	100.0	65.00
03-Mar-88	ND	0.00000	67.0	100.0	67.00
03-Mar-88	ND	0.00000	80.0	100.0	80.00
03-Mar-88	ND	0.00000	72.0	100.0	72.00
03-Mar-88	ND	0.00000	79.0	100.0	79.00
07-Mar-88	ND	0.00000	110.0	100.0	110.00
07-Mar-88	ND	0.00000	104.0	100.0	104.00
07-Mar-88	ND	0.00000	101.0	100.0	101.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = d14-terphenyl					
Type of Spike = Surrogate - Reg. Sample. continued					
08-Mar-88	ND	0.00000	110.0	100.0	110.00
08-Mar-88	ND	0.00000	103.0	100.0	103.00
08-Mar-88	ND	0.00000	103.0	100.0	103.00
08-Mar-88	ND	0.00000	89.0	100.0	89.00
08-Mar-88	ND	0.00000	107.0	100.0	107.00
08-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	109.0	100.0	109.00
09-Mar-88	ND	0.00000	84.0	100.0	84.00
09-Mar-88	ND	0.00000	81.0	100.0	81.00
09-Mar-88	ND	0.00000	97.0	100.0	97.00
09-Mar-88	ND	0.00000	91.0	100.0	91.00
14-Mar-88	ND	0.00000	79.0	100.0	79.00
14-Mar-88	ND	0.00000	107.0	100.0	107.00
14-Mar-88	ND	0.00000	92.0	100.0	92.00
14-Mar-88	ND	0.00000	89.0	100.0	89.00
14-Mar-88	ND	0.00000	86.0	100.0	86.00
07-Apr-88	ND	0.00000	64.0	100.0	64.00
07-Apr-88	ND	0.00000	60.0	100.0	60.00
07-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	72.0	100.0	72.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	66.0	100.0	66.00
12-Apr-88	ND	0.00000	73.0	100.0	73.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	71.0	100.0	71.00
12-Apr-88	ND	0.00000	70.0	100.0	70.00
12-Apr-88	ND	0.00000	59.0	100.0	59.00
12-Apr-88	ND	0.00000	86.0	100.0	86.00
12-Apr-88	ND	0.00000	96.0	100.0	96.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
13-Apr-88	ND	0.00000	166.0	100.0	166.00
13-Apr-88	ND	0.00000	76.0	100.0	76.00
13-Apr-88	ND	0.00000	69.0	100.0	69.00
13-Apr-88	ND	0.00000	64.0	100.0	64.00
13-Apr-88	ND	0.00000	124.0	100.0	124.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = d14-terphenyl					
Type of Spike = Predigestion Matrix Spike. continued					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	99.0	100.0	99.00
18-Feb-88	ND	0.00000	104.0	100.0	104.00
24-Feb-88	ND	0.00000	101.0	100.0	101.00
24-Feb-88	ND	0.00000	101.0	100.0	101.00
09-Mar-88	ND	0.00000	93.0	100.0	93.00
09-Mar-88	ND	0.00000	101.0	100.0	101.00
07-Apr-88	ND	0.00000	66.0	100.0	66.00
13-Apr-88	ND	0.00000	70.0	100.0	70.00

Number of Samples = 79 | Below acceptance = 0
Mean % Recovery = 98 | Above acceptance = 2
Standard Deviation = 23.46 | Acceptance Criteria 18.00 - 137.00

Method: Semivolatile Organics (8270)
Matrix: Solid
Spiked Analyte = d5-nitrobenzene

Type of Spike = Surrogate - Reg. Sample.

17-Feb-88	ND	0.00000	68.0	100.0	68.00
17-Feb-88	ND	0.00000	69.0	100.0	69.00
17-Feb-88	ND	0.00000	65.0	100.0	65.00
17-Feb-88	ND	0.00000	64.0	100.0	64.00
17-Feb-88	ND	0.00000	72.0	100.0	72.00
17-Feb-88	ND	0.00000	106.0	100.0	106.00
17-Feb-88	ND	0.00000	74.0	100.0	74.00
17-Feb-88	ND	0.00000	67.0	100.0	67.00
18-Feb-88	ND	0.00000	68.0	100.0	68.00
18-Feb-88	ND	0.00000	71.0	100.0	71.00
18-Feb-88	ND	0.00000	74.0	100.0	74.00
18-Feb-88	ND	0.00000	70.0	100.0	70.00
18-Feb-88	ND	0.00000	71.0	100.0	71.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = d5-nitrobenzene					
Type of Spike = Surrogate - Reg. Sample. continued					
18-Feb-88	ND	0.00000	69.0	100.0	69.00
19-Feb-88	ND	0.00000	64.0	100.0	64.00
19-Feb-88	ND	0.00000	67.0	100.0	67.00
19-Feb-88	ND	0.00000	75.0	100.0	75.00
19-Feb-88	ND	0.00000	68.0	100.0	68.00
19-Feb-88	ND	0.00000	68.0	100.0	68.00
19-Feb-88	ND	0.00000	70.0	100.0	70.00
19-Feb-88	ND	0.00000	73.0	100.0	73.00
24-Feb-88	ND	0.00000	61.0	100.0	61.00
24-Feb-88	ND	0.00000	73.0	100.0	73.00
24-Feb-88	ND	0.00000	69.0	100.0	69.00
24-Feb-88	ND	0.00000	67.0	100.0	67.00
26-Feb-88	ND	0.00000	77.0	100.0	77.00
26-Feb-88	ND	0.00000	81.0	100.0	81.00
03-Mar-88	ND	0.00000	70.0	100.0	70.00
03-Mar-88	ND	0.00000	67.0	100.0	67.00
03-Mar-88	ND	0.00000	72.0	100.0	72.00
03-Mar-88	ND	0.00000	73.0	100.0	73.00
03-Mar-88	ND	0.00000	79.0	100.0	79.00
07-Mar-88	ND	0.00000	130.0	100.0	130.00
07-Mar-88	ND	0.00000	123.0	100.0	123.00
07-Mar-88	ND	0.00000	111.0	100.0	111.00
08-Mar-88	ND	0.00000	99.0	100.0	99.00
08-Mar-88	ND	0.00000	90.0	100.0	90.00
08-Mar-88	ND	0.00000	107.0	100.0	107.00
08-Mar-88	ND	0.00000	98.0	100.0	98.00
08-Mar-88	ND	0.00000	98.0	100.0	98.00
08-Mar-88	ND	0.00000	97.0	100.0	97.00
09-Mar-88	ND	0.00000	79.0	100.0	79.00
09-Mar-88	ND	0.00000	82.0	100.0	82.00
09-Mar-88	ND	0.00000	93.0	100.0	93.00
09-Mar-88	ND	0.00000	98.0	100.0	98.00
09-Mar-88	ND	0.00000	81.0	100.0	81.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
14-Mar-88	ND	0.00000	97.0	100.0	97.00
14-Mar-88	ND	0.00000	91.0	100.0	91.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = d5-nitrobenzene					
Type of Spike = Surrogate - Reg. Sample. continued					
14-Mar-88	ND	0.00000	85.0	100.0	85.00
14-Mar-88	ND	0.00000	92.0	100.0	92.00
14-Mar-88	ND	0.00000	89.0	100.0	89.00
07-Apr-88	ND	0.00000	72.0	100.0	72.00
07-Apr-88	ND	0.00000	77.0	100.0	77.00
07-Apr-88	ND	0.00000	76.0	100.0	76.00
12-Apr-88	ND	0.00000	73.0	100.0	73.00
12-Apr-88	ND	0.00000	71.0	100.0	71.00
12-Apr-88	ND	0.00000	76.0	100.0	76.00
12-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	88.0	100.0	88.00
12-Apr-88	ND	0.00000	81.0	100.0	81.00
12-Apr-88	ND	0.00000	70.0	100.0	70.00
12-Apr-88	ND	0.00000	85.0	100.0	85.00
12-Apr-88	ND	0.00000	71.0	100.0	71.00
13-Apr-88	ND	0.00000	85.0	100.0	85.00
13-Apr-88	ND	0.00000	90.0	100.0	90.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	89.0	100.0	89.00
13-Apr-88	ND	0.00000	105.0	100.0	105.00
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	64.0	100.0	64.00
18-Feb-88	ND	0.00000	64.0	100.0	64.00
24-Feb-88	ND	0.00000	65.0	100.0	65.00
24-Feb-88	ND	0.00000	67.0	100.0	67.00
09-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
07-Apr-88	ND	0.00000	74.0	100.0	74.00
13-Apr-88	ND	0.00000	85.0	100.0	85.00

Number of Samples = 79 Below acceptance = 0
Mean % Recovery = 80 Above acceptance = 2

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery

Method: Semivolatile Organics (8270)
Matrix: Solid
Spiked Analyte = d5-nitrobenzene
Type of Spike = Predigestion Matrix Spike. continued

Standard Deviation = 14.14 Acceptance Criteria 23.00 - 120.00

Method: Semivolatile Organics (8270)
Matrix: Solid
Spiked Analyte = d5-phenol

Type of Spike = Surrogate - Reg. Sample.

17-Feb-88	ND	0.00000	90.0	100.0	90.00
17-Feb-88	ND	0.00000	77.0	100.0	77.00
17-Feb-88	ND	0.00000	68.0	100.0	68.00
17-Feb-88	ND	0.00000	66.0	100.0	66.00
17-Feb-88	ND	0.00000	68.0	100.0	68.00
17-Feb-88	ND	0.00000	64.0	100.0	64.00
17-Feb-88	ND	0.00000	71.0	100.0	71.00
17-Feb-88	ND	0.00000	63.0	100.0	63.00
18-Feb-88	ND	0.00000	69.0	100.0	69.00
18-Feb-88	ND	0.00000	69.0	100.0	69.00
18-Feb-88	ND	0.00000	64.0	100.0	64.00
18-Feb-88	ND	0.00000	63.0	100.0	63.00
18-Feb-88	ND	0.00000	67.0	100.0	67.00
18-Feb-88	ND	0.00000	66.0	100.0	66.00
19-Feb-88	ND	0.00000	63.0	100.0	63.00
19-Feb-88	ND	0.00000	79.0	100.0	79.00
19-Feb-88	ND	0.00000	77.0	100.0	77.00
19-Feb-88	ND	0.00000	67.0	100.0	67.00
19-Feb-88	ND	0.00000	65.0	100.0	65.00
19-Feb-88	ND	0.00000	70.0	100.0	70.00
19-Feb-88	ND	0.00000	66.0	100.0	66.00
24-Feb-88	ND	0.00000	65.0	100.0	65.00
24-Feb-88	ND	0.00000	60.0	100.0	60.00
24-Feb-88	ND	0.00000	73.0	100.0	73.00
24-Feb-88	ND	0.00000	65.0	100.0	65.00
26-Feb-88	ND	0.00000	76.0	100.0	76.00
26-Feb-88	ND	0.00000	81.0	100.0	81.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = d5-phenol					
Type of Spike = Surrogate - Reg. Sample. continued					
03-Mar-88	ND	0.00000	74.0	100.0	74.00
03-Mar-88	ND	0.00000	66.0	100.0	66.00
03-Mar-88	ND	0.00000	65.0	100.0	65.00
03-Mar-88	ND	0.00000	81.0	100.0	81.00
03-Mar-88	ND	0.00000	71.0	100.0	71.00
07-Mar-88	ND	0.00000	89.0	100.0	89.00
07-Mar-88	ND	0.00000	89.0	100.0	89.00
07-Mar-88	ND	0.00000	94.0	100.0	94.00
08-Mar-88	ND	0.00000	93.0	100.0	93.00
08-Mar-88	ND	0.00000	86.0	100.0	86.00
08-Mar-88	ND	0.00000	91.0	100.0	91.00
08-Mar-88	ND	0.00000	98.0	100.0	98.00
08-Mar-88	ND	0.00000	88.0	100.0	88.00
08-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	79.0	100.0	79.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	94.0	100.0	94.00
09-Mar-88	ND	0.00000	96.0	100.0	96.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
14-Mar-88	ND	0.00000	89.0	100.0	89.00
14-Mar-88	ND	0.00000	95.0	100.0	95.00
14-Mar-88	ND	0.00000	97.0	100.0	97.00
14-Mar-88	ND	0.00000	88.0	100.0	88.00
14-Mar-88	ND	0.00000	88.0	100.0	88.00
07-Apr-88	ND	0.00000	73.0	100.0	73.00
07-Apr-88	ND	0.00000	66.0	100.0	66.00
07-Apr-88	ND	0.00000	72.0	100.0	72.00
12-Apr-88	ND	0.00000	71.0	100.0	71.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	74.0	100.0	74.00
12-Apr-88	ND	0.00000	69.0	100.0	69.00
12-Apr-88	ND	0.00000	70.0	100.0	70.00
12-Apr-88	ND	0.00000	76.0	100.0	76.00
12-Apr-88	ND	0.00000	73.0	100.0	73.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = d5-phenol					
Type of Spike = Surrogate - Reg. Sample. continued					
12-Apr-88	ND	0.00000	82.0	100.0	82.00
12-Apr-88	ND	0.00000	72.0	100.0	72.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
13-Apr-88	ND	0.00000	79.0	100.0	79.00
13-Apr-88	ND	0.00000	77.0	100.0	77.00
13-Apr-88	ND	0.00000	86.0	100.0	86.00
13-Apr-88	ND	0.00000	77.0	100.0	77.00
13-Apr-88	ND	0.00000	82.0	100.0	82.00
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	64.0	100.0	64.00
18-Feb-88	ND	0.00000	62.0	100.0	62.00
24-Feb-88	ND	0.00000	63.0	100.0	63.00
24-Feb-88	ND	0.00000	66.0	100.0	66.00
09-Mar-88	ND	0.00000	94.0	100.0	94.00
09-Mar-88	ND	0.00000	96.0	100.0	96.00
07-Apr-88	ND	0.00000	70.0	100.0	70.00
13-Apr-88	ND	0.00000	79.0	100.0	79.00

Number of Samples = 79 | Below acceptance = 0
Mean % Recovery = 76 | Above acceptance = 0
Standard Deviation = 10.66 | Acceptance Criteria 24.00 - 118.00

Method: Semivolatile Organics (8270)
Matrix: Solid
Spiked Analyte = n-nitroso-di-n-propylamine

Type of Spike = Predigestion Matrix Spike.

18-Feb-88	ND	0.00000	62.0	100.0	62.00
18-Feb-88	ND	0.00000	65.0	100.0	65.00
24-Feb-88	ND	0.00000	72.0	100.0	72.00
24-Feb-88	ND	0.00000	73.0	100.0	73.00
09-Mar-88	ND	0.00000	102.0	100.0	102.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = n-nitroso-di-n-propylamine					
Type of Spike = Predigestion Matrix Spike. continued					
09-Mar-88	ND	0.00000	109.0	100.0	109.00
07-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	72.0	100.0	72.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 79 — Above acceptance = 0
Standard Deviation = 17.18 — Acceptance Criteria .00 - 230.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = pentachlorophenol					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	59.0	100.0	59.00
18-Feb-88	ND	0.00000	52.0	100.0	52.00
24-Feb-88	ND	0.00000	60.0	100.0	60.00
24-Feb-88	ND	0.00000	68.0	100.0	68.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
09-Mar-88	ND	0.00000	83.0	100.0	83.00
07-Apr-88	ND	0.00000	90.0	100.0	90.00
13-Apr-88	ND	0.00000	81.0	100.0	81.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 72 — Above acceptance = 0
Standard Deviation = 14.67 — Acceptance Criteria 14.00 - 176.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = phenol					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	65.0	100.0	65.00
18-Feb-88	ND	0.00000	65.0	100.0	65.00
24-Feb-88	ND	0.00000	41.0	100.0	41.00
24-Feb-88	ND	0.00000	68.0	100.0	68.00
09-Mar-88	ND	0.00000	93.0	100.0	93.00
09-Mar-88	ND	0.00000	93.0	100.0	93.00
07-Apr-88	ND	0.00000	64.0	100.0	64.00
13-Apr-88	ND	0.00000	72.0	100.0	72.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 70 — Above acceptance = 0
Standard Deviation = 16.87 — Acceptance Criteria 12.00 - 158.00

Method: Semivolatile Organics (8270)					
Matrix: Solid					
Spiked Analyte = pyrene					
Type of Spike = Predigestion Matrix Spike.					
18-Feb-88	ND	0.00000	43.0	100.0	43.00
18-Feb-88	ND	0.00000	38.0	100.0	38.00
24-Feb-88	ND	0.00000	40.0	100.0	40.00
24-Feb-88	ND	0.00000	40.0	100.0	40.00
09-Mar-88	ND	0.00000	45.0	100.0	45.00
09-Mar-88	ND	0.00000	49.0	100.0	49.00
07-Apr-88	ND	0.00000	36.0	100.0	36.00
13-Apr-88	ND	0.00000	38.0	100.0	38.00

Number of Samples = 8 — Below acceptance = 8
Mean % Recovery = 41 — Above acceptance = 0
Standard Deviation = 4.29 — Acceptance Criteria 52.00 - 115.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 1,2,4-trichlorobenzene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	88.0	100.0	88.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	83.0	100.0	83.00
12-Apr-88	ND	0.00000	85.0	100.0	85.00
12-Apr-88	ND	0.00000	83.0	100.0	83.00
12-Apr-88	ND	0.00000	85.0	100.0	85.00

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 85 — Above acceptance = 0
Standard Deviation = 2.25 — Acceptance Criteria 44.00 - 142.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 1,2-dichlorobenzene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	63.0	100.0	63.00
09-Mar-88	ND	0.00000	63.0	100.0	63.00

Number of Samples = 2 — Below acceptance = 0
Mean % Recovery = 63 — Above acceptance = 0
Standard Deviation = .00 — Acceptance Criteria 32.00 - 129.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 1,3-dichlorobenzene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	53.0	100.0	53.00
09-Mar-88	ND	0.00000	53.0	100.0	53.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 53			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria .00 - 172.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 1,4-dichlorobenzene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	60.0	100.0	60.00
09-Mar-88	ND	0.00000	60.0	100.0	60.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	80.0	100.0	80.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	80.0	100.0	80.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00
Number of Samples = 6			Below acceptance = 0		
Mean % Recovery = 71			Above acceptance = 0		
Standard Deviation = 9.30			Acceptance Criteria 20.00 - 124.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,4,6-tribromophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	100.0	100.0	100.00
09-Mar-88	ND	0.00000	100.0	100.0	100.00
Type of Spike = Surrogate - Reg. Sample.					
02-Mar-88	ND	0.00000	76.0	100.0	76.00
02-Mar-88	ND	0.00000	77.0	100.0	77.00
02-Mar-88	ND	0.00000	78.0	100.0	78.00
02-Mar-88	ND	0.00000	78.0	100.0	78.00
02-Mar-88	ND	0.00000	77.0	100.0	77.00
08-Mar-88	ND	0.00000	82.0	100.0	82.00
08-Mar-88	ND	0.00000	57.0	100.0	57.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	84.0	100.0	84.00
09-Mar-88	ND	0.00000	75.0	100.0	75.00
09-Mar-88	ND	0.00000	46.0	100.0	46.00
11-Mar-88	ND	0.00000	85.0	100.0	85.00
11-Mar-88	ND	0.00000	26.0	100.0	26.00
12-Apr-88	ND	0.00000	81.0	100.0	81.00
12-Apr-88	ND	0.00000	93.0	100.0	93.00
12-Apr-88	ND	0.00000	93.0	100.0	93.00
12-Apr-88	ND	0.00000	81.0	100.0	81.00
13-Apr-88	ND	0.00000	94.0	100.0	94.00
13-Apr-88	ND	0.00000	87.0	100.0	87.00
13-Apr-88	ND	0.00000	86.0	100.0	86.00
13-Apr-88	ND	0.00000	86.0	100.0	86.00
13-Apr-88	ND	0.00000	94.0	100.0	94.00
13-Apr-88	ND	0.00000	87.0	100.0	87.00
14-Apr-88	ND	0.00000	14.0	100.0	14.00
14-Apr-88	ND	0.00000	5.1	100.0	5.10
14-Apr-88	ND	0.00000	14.0	100.0	14.00
14-Apr-88	ND	0.00000	5.1	100.0	5.10
21-Apr-88	ND	0.00000	58.0	100.0	58.00
21-Apr-88	ND	0.00000	70.0	100.0	70.00
21-Apr-88	ND	0.00000	70.0	100.0	70.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,4,6-tribromophenol					
Type of Spike = Surrogate - Reg. Sample. continued					
21-Apr-88	ND	0.00000	58.0	100.0	58.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00

Number of Samples = 37 — Below acceptance = 2
Mean % Recovery = 72 — Above acceptance = 0
Standard Deviation = 26.77 — Acceptance Criteria 10.00 - 123.00

Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,4,6-trichlorophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	90.0	100.0	90.00
09-Mar-88	ND	0.00000	90.0	100.0	90.00

Number of Samples = 2 — Below acceptance = 0
Mean % Recovery = 90 — Above acceptance = 0
Standard Deviation = .00 — Acceptance Criteria 37.00 - 144.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,4-dichlorophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	88.0	100.0	88.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 88			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 39.00 - 135.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,4-dimethylphenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	42.0	100.0	42.00
09-Mar-88	ND	0.00000	42.0	100.0	42.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 42			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 42.00 - 109.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,4-dinitrophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 99			Above acceptance = 2		
Standard Deviation = .00			Acceptance Criteria		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,4-dinitrotoluene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	120.0	100.0	120.00
09-Mar-88	ND	0.00000	120.0	100.0	120.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	83.0	100.0	83.00
12-Apr-88	ND	0.00000	88.0	100.0	88.00
12-Apr-88	ND	0.00000	88.0	100.0	88.00
12-Apr-88	ND	0.00000	83.0	100.0	83.00

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 97 — Above acceptance = 0
Standard Deviation = 17.95 — Acceptance Criteria .00 - 191.00

Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2,6-dinitrotoluene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	120.0	100.0	120.00
09-Mar-88	ND	0.00000	120.0	100.0	120.00

Number of Samples = 2 — Below acceptance = 0
Mean % Recovery = 120 — Above acceptance = 0
Standard Deviation = .00 — Acceptance Criteria 50.00 - 158.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-Fluorophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	84.0	100.0	84.00
Type of Spike = Surrogate - Reg. Sample.					
02-Mar-88	ND	0.00000	73.0	100.0	73.00
02-Mar-88	ND	0.00000	69.0	100.0	69.00
02-Mar-88	ND	0.00000	65.0	100.0	65.00
08-Mar-88	ND	0.00000	85.0	100.0	85.00
09-Mar-88	ND	0.00000	91.0	100.0	91.00
11-Mar-88	ND	0.00000	86.0	100.0	86.00
12-Apr-88	ND	0.00000	81.0	100.0	81.00
12-Apr-88	ND	0.00000	70.0	100.0	70.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	81.0	100.0	81.00
14-Apr-88	ND	0.00000	20.0	100.0	20.00
14-Apr-88	ND	0.00000	32.0	100.0	32.00
21-Apr-88	ND	0.00000	70.0	100.0	70.00
21-Apr-88	ND	0.00000	70.0	100.0	70.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	77.0	100.0	77.00
12-Apr-88	ND	0.00000	75.0	100.0	75.00

Number of Samples = 19
Mean % Recovery = 72
Standard Deviation = 18.04

Below acceptance = 1
Above acceptance = 0
Acceptance Criteria 21.00 - 100.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-chloronaphthalene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	100.0	100.0	100.00
09-Mar-88	ND	0.00000	100.0	100.0	100.00

Number of Samples = 2
Mean % Recovery = 100
Standard Deviation = .00
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 60.00 - 118.00

Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-chlorophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	87.0	100.0	87.00
09-Mar-88	ND	0.00000	87.0	100.0	87.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	74.0	100.0	74.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00
12-Apr-88	ND	0.00000	74.0	100.0	74.00

Number of Samples = 6
Mean % Recovery = 81
Standard Deviation = 6.08
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 23.00 - 134.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-fluorobiphenyl					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	94.0	100.0	94.00
09-Mar-88	ND	0.00000	94.0	100.0	94.00
Type of Spike = Surrogate - Reg. Sample.					
02-Mar-88	ND	0.00000	55.0	100.0	55.00
02-Mar-88	ND	0.00000	65.0	100.0	65.00
02-Mar-88	ND	0.00000	58.0	100.0	58.00
02-Mar-88	ND	0.00000	58.0	100.0	58.00
02-Mar-88	ND	0.00000	65.0	100.0	65.00
08-Mar-88	ND	0.00000	88.0	100.0	88.00
08-Mar-88	ND	0.00000	64.0	100.0	64.00
09-Mar-88	ND	0.00000	73.0	100.0	73.00
09-Mar-88	ND	0.00000	84.0	100.0	84.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	78.0	100.0	78.00
11-Mar-88	ND	0.00000	80.0	100.0	80.00
11-Mar-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	67.0	100.0	67.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	67.0	100.0	67.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
13-Apr-88	ND	0.00000	89.0	100.0	89.00
13-Apr-88	ND	0.00000	89.0	100.0	89.00
13-Apr-88	ND	0.00000	94.0	100.0	94.00
13-Apr-88	ND	0.00000	89.0	100.0	89.00
13-Apr-88	ND	0.00000	94.0	100.0	94.00
13-Apr-88	ND	0.00000	89.0	100.0	89.00
14-Apr-88	ND	0.00000	83.0	100.0	83.00
14-Apr-88	ND	0.00000	79.0	100.0	79.00
14-Apr-88	ND	0.00000	79.0	100.0	79.00
14-Apr-88	ND	0.00000	83.0	100.0	83.00
21-Apr-88	ND	0.00000	74.0	100.0	74.00
21-Apr-88	ND	0.00000	64.0	100.0	64.00
21-Apr-88	ND	0.00000	74.0	100.0	74.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-fluorobiphenyl					
Type of Spike = Surrogate - Reg. Sample. continued					
21-Apr-88	ND	0.00000	64.0	100.0	64.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	80.0	100.0	80.00
12-Apr-88	ND	0.00000	85.0	100.0	85.00
12-Apr-88	ND	0.00000	85.0	100.0	85.00
12-Apr-88	ND	0.00000	80.0	100.0	80.00

Number of Samples = 37 Below acceptance = 0
Mean % Recovery = 78 Above acceptance = 0
Standard Deviation = 11.42 Acceptance Criteria 43.00 - 116.00

Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-fluorophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	84.0	100.0	84.00
Type of Spike = Surrogate - Reg. Sample.					
02-Mar-88	ND	0.00000	73.0	100.0	73.00
02-Mar-88	ND	0.00000	69.0	100.0	69.00
08-Mar-88	ND	0.00000	72.0	100.0	72.00
09-Mar-88	ND	0.00000	78.0	100.0	78.00
09-Mar-88	ND	0.00000	81.0	100.0	81.00
09-Mar-88	ND	0.00000	83.0	100.0	83.00
11-Mar-88	ND	0.00000	43.0	100.0	43.00
12-Apr-88	ND	0.00000	70.0	100.0	70.00
12-Apr-88	ND	0.00000	81.0	100.0	81.00
13-Apr-88	ND	0.00000	81.0	100.0	81.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
14-Apr-88	ND	0.00000	32.0	100.0	32.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-fluorophenol					
Type of Spike = Surrogate - Reg. Sample. continued					
14-Apr-88	ND	0.00000	20.0	100.0	20.00
21-Apr-88	ND	0.00000	70.0	100.0	70.00
21-Apr-88	ND	0.00000	70.0	100.0	70.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	75.0	100.0	75.00
12-Apr-88	ND	0.00000	77.0	100.0	77.00
Number of Samples = 18			Below acceptance = 1		
Mean % Recovery = 69			Above acceptance = 0		
Standard Deviation = 18.36			Acceptance Criteria 21.00 - 100.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 2-nitrophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	90.0	100.0	90.00
09-Mar-88	ND	0.00000	90.0	100.0	90.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 90			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 29.00 - 182.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 3,3'-dichlorobenzidine					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	130.0	100.0	130.00
09-Mar-88	ND	0.00000	130.0	100.0	130.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 130			Above acceptance = 2		
Standard Deviation = .00			Acceptance Criteria 8.00 - 123.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 4,6-dinitro-2-methylphenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	110.0	100.0	110.00
09-Mar-88	ND	0.00000	110.0	100.0	110.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 110			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria .00 - 181.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 4-bromophenyl-phenylether					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	96.0	100.0	96.00
09-Mar-88	ND	0.00000	96.0	100.0	96.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 96			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 65.00 - 114.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 4-chloro-3-methylphenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	97.0	100.0	97.00
09-Mar-88	ND	0.00000	97.0	100.0	97.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	96.0	100.0	96.00
12-Apr-88	ND	0.00000	96.0	100.0	96.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 94 — Above acceptance = 0
Standard Deviation = 2.87 — Acceptance Criteria 22.00 - 147.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 4-chlorophenyl-phenylether					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	94.0	100.0	94.00
09-Mar-88	ND	0.00000	94.0	100.0	94.00

Number of Samples = 2 — Below acceptance = 0
Mean % Recovery = 94 — Above acceptance = 0
Standard Deviation = .00 — Acceptance Criteria 25.00 - 158.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = 4-nitrophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	100.0	100.0	100.00
09-Mar-88	ND	0.00000	100.0	100.0	100.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	88.0	100.0	88.00
12-Apr-88	ND	0.00000	86.0	100.0	86.00
12-Apr-88	ND	0.00000	88.0	100.0	88.00
12-Apr-88	ND	0.00000	86.0	100.0	86.00

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 91 — Above acceptance = 6
Standard Deviation = 6.77 — Acceptance Criteria

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = acenaphthene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	110.0	100.0	110.00
09-Mar-88	ND	0.00000	110.0	100.0	110.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	93.0	100.0	93.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	93.0	100.0	93.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 100 — Above acceptance = 0
Standard Deviation = 7.94 — Acceptance Criteria 47.00 - 145.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = acenaphthylene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	96.0	100.0	96.00
09-Mar-88	ND	0.00000	96.0	100.0	96.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 96			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 33.00 - 145.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = anthracene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	130.0	100.0	130.00
09-Mar-88	ND	0.00000	130.0	100.0	130.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 130			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 27.00 - 133.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = benzidine					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	11.0	100.0	11.00
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 11			Above acceptance = 1		
Standard Deviation =			Acceptance Criteria		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = benzo(a)anthracene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 99			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 33.00 - 143.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = benzo(a)pyrene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	140.0	100.0	140.00
09-Mar-88	ND	0.00000	140.0	100.0	140.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 140			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 17.00 - 163.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = benzo(b)fluoranthene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	89.0	100.0	89.00
09-Mar-88	ND	0.00000	89.0	100.0	89.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 89			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 24.00 - 159.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = benzo(g,h,i)perylene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 99			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria .00 - 219.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = benzo(k)fluoranthene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	87.0	100.0	87.00
09-Mar-88	ND	0.00000	87.0	100.0	87.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 87			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 11.00 - 162.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = bis(2-chloroethoxy)methane					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	91.0	100.0	91.00
09-Mar-88	ND	0.00000	91.0	100.0	91.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 91			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 33.00 - 184.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = bis(2-chloroethyl)ether					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	88.0	100.0	88.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 88			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 12.00 - 158.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = bis(2-chloroisopropyl)ether					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	87.0	100.0	87.00
09-Mar-88	ND	0.00000	87.0	100.0	87.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 87			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 36.00 - 166.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = bis(2-ethylhexyl)phthalate					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	96.0	100.0	96.00
09-Mar-88	ND	0.00000	96.0	100.0	96.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 96			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 29.00 - 137.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = butylbenzylphthalate					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	89.0	100.0	89.00
09-Mar-88	ND	0.00000	89.0	100.0	89.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 89			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria .00 - 152.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = chrysene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 86			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 17.00 - 168.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = d14-terphenyl					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	102.0	100.0	102.00
09-Mar-88	ND	0.00000	102.0	100.0	102.00
Type of Spike = Surrogate - Reg. Sample.					
02-Mar-88	ND	0.00000	57.0	100.0	57.00
02-Mar-88	ND	0.00000	66.0	100.0	66.00
02-Mar-88	ND	0.00000	61.0	100.0	61.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = d14-terphenyl					
Type of Spike = Surrogate - Reg. Sample. continued					
02-Mar-88	ND	0.00000	66.0	100.0	66.00
02-Mar-88	ND	0.00000	61.0	100.0	61.00
08-Mar-88	ND	0.00000	93.0	100.0	93.00
08-Mar-88	ND	0.00000	47.0	100.0	47.00
09-Mar-88	ND	0.00000	130.0	100.0	130.00
09-Mar-88	ND	0.00000	103.0	100.0	103.00
09-Mar-88	ND	0.00000	121.0	100.0	121.00
09-Mar-88	ND	0.00000	126.0	100.0	126.00
11-Mar-88	ND	0.00000	135.0	100.0	135.00
11-Mar-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00
12-Apr-88	ND	0.00000	80.0	100.0	80.00
12-Apr-88	ND	0.00000	80.0	100.0	80.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	111.0	100.0	111.00
13-Apr-88	ND	0.00000	106.0	100.0	106.00
13-Apr-88	ND	0.00000	99.0	100.0	99.00
13-Apr-88	ND	0.00000	111.0	100.0	111.00
13-Apr-88	ND	0.00000	106.0	100.0	106.00
13-Apr-88	ND	0.00000	99.0	100.0	99.00
14-Apr-88	ND	0.00000	95.0	100.0	95.00
14-Apr-88	ND	0.00000	89.0	100.0	89.00
14-Apr-88	ND	0.00000	95.0	100.0	95.00
14-Apr-88	ND	0.00000	89.0	100.0	89.00
21-Apr-88	ND	0.00000	67.0	100.0	67.00
21-Apr-88	ND	0.00000	71.0	100.0	71.00
21-Apr-88	ND	0.00000	67.0	100.0	67.00
21-Apr-88	ND	0.00000	71.0	100.0	71.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	79.0	100.0	79.00
12-Apr-88	ND	0.00000	79.0	100.0	79.00
12-Apr-88	ND	0.00000	79.0	100.0	79.00
12-Apr-88	ND	0.00000	79.0	100.0	79.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery

Method: Base/Neutrals & Acids (CL625)
Matrix: Aqueous
Spiked Analyte = d14-terphenyl
Type of Spike = Predigestion Matrix Spike. continued

Number of Samples = 37
Mean % Recovery = 88
Standard Deviation = 21.28

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 33.00 - 141.00

Method: Base/Neutrals & Acids (CL625)
Matrix: Aqueous
Spiked Analyte = d5-nitrobenzene

Type of Spike = Method.

09-Mar-88	ND	0.00000	98.0	100.0	98.00
09-Mar-88	ND	0.00000	98.0	100.0	98.00

Type of Spike = Surrogate - Reg. Sample.

02-Mar-88	ND	0.00000	72.0	100.0	72.00
02-Mar-88	ND	0.00000	64.0	100.0	64.00
02-Mar-88	ND	0.00000	73.0	100.0	73.00
02-Mar-88	ND	0.00000	73.0	100.0	73.00
02-Mar-88	ND	0.00000	72.0	100.0	72.00
08-Mar-88	ND	0.00000	96.0	100.0	96.00
08-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
09-Mar-88	ND	0.00000	96.0	100.0	96.00
09-Mar-88	ND	0.00000	91.0	100.0	91.00
11-Mar-88	ND	0.00000	88.0	100.0	88.00
11-Mar-88	ND	0.00000	82.0	100.0	82.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	53.0	100.0	53.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	53.0	100.0	53.00
13-Apr-88	ND	0.00000	104.0	100.0	104.00
13-Apr-88	ND	0.00000	103.0	100.0	103.00
13-Apr-88	ND	0.00000	97.0	100.0	97.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = d5-nitrobenzene					
Type of Spike = Surrogate - Reg. Sample. continued					
13-Apr-88	ND	0.00000	104.0	100.0	104.00
13-Apr-88	ND	0.00000	103.0	100.0	103.00
13-Apr-88	ND	0.00000	97.0	100.0	97.00
14-Apr-88	ND	0.00000	97.0	100.0	97.00
14-Apr-88	ND	0.00000	93.0	100.0	93.00
14-Apr-88	ND	0.00000	97.0	100.0	97.00
14-Apr-88	ND	0.00000	93.0	100.0	93.00
21-Apr-88	ND	0.00000	95.0	100.0	95.00
21-Apr-88	ND	0.00000	84.0	100.0	84.00
21-Apr-88	ND	0.00000	84.0	100.0	84.00
21-Apr-88	ND	0.00000	95.0	100.0	95.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	87.0	100.0	87.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	90.0	100.0	90.00
12-Apr-88	ND	0.00000	87.0	100.0	87.00

Number of Samples = 37 — Below acceptance = 0
Mean % Recovery = 87 — Above acceptance = 14
Standard Deviation = 12.76 — Acceptance Criteria 10.00 - 94.00

Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = d5-phenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	87.0	100.0	87.00
09-Mar-88	ND	0.00000	87.0	100.0	87.00
Type of Spike = Surrogate - Reg. Sample.					
02-Mar-88	ND	0.00000	67.0	100.0	67.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = d5-phenol					
Type of Spike = Surrogate - Reg. Sample. continued					
02-Mar-88	ND	0.00000	61.0	100.0	61.00
02-Mar-88	ND	0.00000	69.0	100.0	69.00
02-Mar-88	ND	0.00000	67.0	100.0	67.00
02-Mar-88	ND	0.00000	69.0	100.0	69.00
08-Mar-88	ND	0.00000	83.0	100.0	83.00
08-Mar-88	ND	0.00000	73.0	100.0	73.00
09-Mar-88	ND	0.00000	91.0	100.0	91.00
09-Mar-88	ND	0.00000	75.0	100.0	75.00
09-Mar-88	ND	0.00000	76.0	100.0	76.00
09-Mar-88	ND	0.00000	81.0	100.0	81.00
11-Mar-88	ND	0.00000	88.0	100.0	88.00
11-Mar-88	ND	0.00000	48.0	100.0	48.00
12-Apr-88	ND	0.00000	82.0	100.0	82.00
12-Apr-88	ND	0.00000	68.0	100.0	68.00
12-Apr-88	ND	0.00000	82.0	100.0	82.00
12-Apr-88	ND	0.00000	68.0	100.0	68.00
13-Apr-88	ND	0.00000	83.0	100.0	83.00
13-Apr-88	ND	0.00000	76.0	100.0	76.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	83.0	100.0	83.00
13-Apr-88	ND	0.00000	84.0	100.0	84.00
13-Apr-88	ND	0.00000	76.0	100.0	76.00
14-Apr-88	ND	0.00000	43.0	100.0	43.00
14-Apr-88	ND	0.00000	30.0	100.0	30.00
14-Apr-88	ND	0.00000	43.0	100.0	43.00
14-Apr-88	ND	0.00000	30.0	100.0	30.00
21-Apr-88	ND	0.00000	73.0	100.0	73.00
21-Apr-88	ND	0.00000	74.0	100.0	74.00
21-Apr-88	ND	0.00000	74.0	100.0	74.00
21-Apr-88	ND	0.00000	73.0	100.0	73.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	77.0	100.0	77.00
12-Apr-88	ND	0.00000	89.0	100.0	89.00
12-Apr-88	ND	0.00000	77.0	100.0	77.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = d5-phenol					
Type of Spike = Predigestion Matrix Spike. continued					
12-Apr-88	ND	0.00000	89.0	100.0	89.00
Number of Samples = 37			Below acceptance = 0		
Mean % Recovery = 72			Above acceptance = 0		
Standard Deviation = 15.54			Acceptance Criteria 10.00 - 94.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = di-n-butylphthalate					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 99			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 1.00 - 118.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = di-n-octyl phthalate					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	83.0	100.0	83.00
09-Mar-88	ND	0.00000	83.0	100.0	83.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 83			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 4.00 - 146.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = dibenz(a,h)anthracene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	110.0	100.0	110.00
09-Mar-88	ND	0.00000	110.0	100.0	110.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 110			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria	.00 - 227.00	
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = diethylphthalate					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	47.0	100.0	47.00
09-Mar-88	ND	0.00000	47.0	100.0	47.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 47			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria	.00 - 114.00	
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = dimethyl phthalate					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	18.0	100.0	18.00
09-Mar-88	ND	0.00000	18.0	100.0	18.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 18			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria	.00 - 112.00	

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = fluoranthene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	95.0	100.0	95.00
09-Mar-88	ND	0.00000	95.0	100.0	95.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 95			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 26.00 - 137.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = fluorene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	100.0	100.0	100.00
09-Mar-88	ND	0.00000	100.0	100.0	100.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 100			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 59.00 - 121.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = hexachlorobenzene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 99			Above acceptance = 2		
Standard Deviation = .00			Acceptance Criteria		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = hexachlorobutadiene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	79.0	100.0	79.00
09-Mar-88	ND	0.00000	79.0	100.0	79.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 79			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 24.00 - 116.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = hexachlorocyclopentadiene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	13.0	100.0	13.00
09-Mar-88	ND	0.00000	13.0	100.0	13.00
Number of Samples = 2			Below acceptance = 2		
Mean % Recovery = 13			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 24.00 - 116.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = hexachloroethane					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	56.0	100.0	56.00
09-Mar-88	ND	0.00000	56.0	100.0	56.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 56			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 40.00 - 113.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = indeno(1,2,3-cd)pyrene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	100.0	100.0	100.00
09-Mar-88	ND	0.00000	100.0	100.0	100.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 100			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria .00 - 171.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = isophorone					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	120.0	100.0	120.00
09-Mar-88	ND	0.00000	120.0	100.0	120.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 120			Above acceptance = 2		
Standard Deviation = .00			Acceptance Criteria		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = n-nitroso-di-n-propylamine					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	98.0	100.0	98.00
09-Mar-88	ND	0.00000	98.0	100.0	98.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = n-nitroso-di-n-propylamine					
Type of Spike = Predigestion Matrix Spike. continued					
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
Number of Samples = 6			Below acceptance = 0		
Mean % Recovery = 93			Above acceptance = 0		
Standard Deviation = 3.61			Acceptance Criteria .00 - 230.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = n-nitrosodimethylamine					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	24.0	100.0	24.00
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 24			Above acceptance = 1		
Standard Deviation =			Acceptance Criteria		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = n-nitrosodiphenylamine (1)					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	270.0	100.0	270.00
09-Mar-88	ND	0.00000	270.0	100.0	270.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 270			Above acceptance = 2		
Standard Deviation = .00			Acceptance Criteria		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = naphthalene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	86.0	100.0	86.00
09-Mar-88	ND	0.00000	86.0	100.0	86.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 86			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 21.00 - 133.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = nitrobenzene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	92.0	100.0	92.00
09-Mar-88	ND	0.00000	92.0	100.0	92.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 92			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 35.00 - 180.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = pentachlorophenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	74.0	100.0	74.00
09-Mar-88	ND	0.00000	74.0	100.0	74.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	100.0	100.0	100.00
12-Apr-88	ND	0.00000	84.0	100.0	84.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = pentachlorophenol					
Type of Spike = Predigestion Matrix Spike. continued					
12-Apr-88	ND	0.00000	84.0	100.0	84.00
12-Apr-88	ND	0.00000	100.0	100.0	100.00
Number of Samples = 6			Below acceptance = 0		
Mean % Recovery = 86			Above acceptance = 0		
Standard Deviation = 11.73			Acceptance Criteria 14.00 - 176.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = phenanthrene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 99			Above acceptance = 0		
Standard Deviation = .00			Acceptance Criteria 54.00 - 120.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = phenol					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	87.0	100.0	87.00
09-Mar-88	ND	0.00000	87.0	100.0	87.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	76.0	100.0	76.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00
12-Apr-88	ND	0.00000	78.0	100.0	78.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = phenol					
Type of Spike = Predigestion Matrix Spike. continued					
12-Apr-88	ND	0.00000	76.0	100.0	76.00
Number of Samples = 6			Below acceptance = 0		
Mean % Recovery = 80			Above acceptance = 0		
Standard Deviation = 5.24			Acceptance Criteria 12.00 - 158.00		
Method: Base/Neutrals & Acids (CL625)					
Matrix: Aqueous					
Spiked Analyte = pyrene					
Type of Spike = Method.					
09-Mar-88	ND	0.00000	88.0	100.0	88.00
09-Mar-88	ND	0.00000	88.0	100.0	88.00
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	71.0	100.0	71.00
12-Apr-88	ND	0.00000	74.0	100.0	74.00
12-Apr-88	ND	0.00000	71.0	100.0	71.00
12-Apr-88	ND	0.00000	74.0	100.0	74.00
Number of Samples = 6			Below acceptance = 0		
Mean % Recovery = 77			Above acceptance = 0		
Standard Deviation = 8.11			Acceptance Criteria 52.00 - 115.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chloride					
Matrix: Aqueous					
Spiked Analyte = Cl					
Type of Spike = Analytical.					
25-Apr-88		21.0	186.0	167.0	98.80
25-Apr-88		4.4	164.0	167.0	95.55
Type of Spike = Predigestion Matrix Spike.					
09-Mar-88		18.0	42.0	20.0	120.00
10-Mar-88		23.0	43.0	20.0	100.00
10-Mar-88		27.0	50.0	20.0	115.00
25-Apr-88		44.3	208.0	167.0	98.02
25-Apr-88		8.9	168.0	167.0	95.29
28-Apr-88		29.7	131.0	100.0	101.30
02-May-88		2.3	102.0	100.0	99.68
05-May-88		19.5	39.5	20.0	100.00
05-May-88		31.0	53.5	20.0	112.50
05-May-88		19.5	39.5	20.0	100.00

Number of Samples = 12 — Below acceptance = 0
Mean % Recovery = 103 — Above acceptance = 1
Standard Deviation = 8.09 — Acceptance Criteria 85.00 - 115.00

Method: Chloride					
Matrix: Solid					
Spiked Analyte = Cl					
Type of Spike = Predigestion Matrix Spike.					
10-Mar-88		47.0	70.0	20.0	115.00

Number of Samples = 1 — Below acceptance = 0
Mean % Recovery = 115 — Above acceptance = 0
Standard Deviation = — Acceptance Criteria 85.00 - 115.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = 1,1,1-Trichloroethane					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	1.5	1.4	107.14
04-Mar-88	ND	0.00000	1.4	1.4	100.00
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	1.7	1.4	121.43
06-Apr-88	ND	0.00000	1.6	1.4	114.29

Number of Samples = 4
Mean % Recovery = 110
Standard Deviation = 9.22
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 41.00 - 138.00

Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = 1,2-Dichloroethane					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	1.4	2.0	70.00
04-Mar-88	ND	0.00000	1.2	2.0	60.00
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	1.2	2.0	60.00
06-Apr-88	ND	0.00000	1.4	2.0	70.00

Number of Samples = 4
Mean % Recovery = 65
Standard Deviation = 5.77
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 51.00 - 147.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = 1-Bromo-4-fluorobenzene					
Type of Spike = Surrogate - Reg. Sample.					
29-Feb-88	ND	0.00000	101.0	100.0	101.00
29-Feb-88	ND	0.00000	101.0	100.0	101.00
29-Feb-88	ND	0.00000	103.0	100.0	103.00
29-Feb-88	ND	0.00000	109.0	100.0	109.00
02-Mar-88	ND	0.00000	105.0	100.0	105.00
03-Mar-88	ND	0.00000	87.0	100.0	87.00
03-Mar-88	ND	0.00000	80.0	100.0	80.00
03-Mar-88	ND	0.00000	86.0	100.0	86.00
03-Mar-88	ND	0.00000	80.0	100.0	80.00
03-Mar-88	ND	0.00000	85.0	100.0	85.00
03-Mar-88	ND	0.00000	98.0	100.0	98.00
03-Mar-88	ND	0.00000	97.0	100.0	97.00
04-Mar-88	ND	0.00000	110.0	100.0	110.00
04-Mar-88	ND	0.00000	121.0	100.0	121.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	103.0	100.0	103.00
04-Mar-88	ND	0.00000	99.0	100.0	99.00
04-Mar-88	ND	0.00000	99.0	100.0	99.00
04-Mar-88	ND	0.00000	105.0	100.0	105.00
04-Mar-88	ND	0.00000	103.0	100.0	103.00
04-Mar-88	ND	0.00000	122.0	100.0	122.00
04-Mar-88	ND	0.00000	101.0	100.0	101.00
04-Mar-88	ND	0.00000	105.0	100.0	105.00
04-Mar-88	ND	0.00000	97.0	100.0	97.00
04-Mar-88	ND	0.00000	95.0	100.0	95.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	106.0	100.0	106.00
04-Mar-88	ND	0.00000	103.0	100.0	103.00
04-Mar-88	ND	0.00000	116.0	100.0	116.00
05-Mar-88	ND	0.00000	103.0	100.0	103.00
05-Mar-88	ND	0.00000	102.0	100.0	102.00
05-Mar-88	ND	0.00000	105.0	100.0	105.00
05-Mar-88	ND	0.00000	102.0	100.0	102.00
05-Mar-88	ND	0.00000	109.0	100.0	109.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = 1-Bromo-4-fluorobenzene					
Type of Spike = Surrogate - Reg. Sample. continued					
05-Mar-88	ND	0.00000	100.0	100.0	100.00
05-Mar-88	ND	0.00000	112.0	100.0	112.00
05-Mar-88	ND	0.00000	111.0	100.0	111.00
05-Mar-88	ND	0.00000	100.0	100.0	100.00
05-Mar-88	ND	0.00000	109.0	100.0	109.00
05-Mar-88	ND	0.00000	113.0	100.0	113.00
05-Mar-88	ND	0.00000	108.0	100.0	108.00
08-Mar-88	ND	0.00000	128.0	100.0	128.00
08-Mar-88	ND	0.00000	113.0	100.0	113.00
08-Mar-88	ND	0.00000	101.0	100.0	101.00
08-Mar-88	ND	0.00000	110.0	100.0	110.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	102.0	100.0	102.00
09-Mar-88	ND	0.00000	109.0	100.0	109.00
12-Mar-88	ND	0.00000	110.0	100.0	110.00
12-Mar-88	ND	0.00000	103.0	100.0	103.00
12-Mar-88	ND	0.00000	102.0	100.0	102.00
12-Mar-88	ND	0.00000	116.0	100.0	116.00
15-Mar-88	ND	0.00000	117.0	100.0	117.00
15-Mar-88	ND	0.00000	119.0	100.0	119.00
15-Mar-88	ND	0.00000	114.0	100.0	114.00
15-Mar-88	ND	0.00000	114.0	100.0	114.00
06-Apr-88	ND	0.00000	105.0	100.0	105.00
06-Apr-88	ND	0.00000	104.0	100.0	104.00
06-Apr-88	ND	0.00000	101.0	100.0	101.00
07-Apr-88	ND	0.00000	85.0	100.0	85.00
07-Apr-88	ND	0.00000	91.0	100.0	91.00
07-Apr-88	ND	0.00000	84.0	100.0	84.00
07-Apr-88	ND	0.00000	93.0	100.0	93.00
07-Apr-88	ND	0.00000	87.0	100.0	87.00
07-Apr-88	ND	0.00000	81.0	100.0	81.00
07-Apr-88	ND	0.00000	86.0	100.0	86.00
07-Apr-88	ND	0.00000	98.0	100.0	98.00
08-Apr-88	ND	0.00000	101.0	100.0	101.00
08-Apr-88	ND	0.00000	101.0	100.0	101.00
08-Apr-88	ND	0.00000	102.0	100.0	102.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = 1-Bromo-4-fluorobenzene					
Type of Spike = Surrogate - Reg. Sample. continued					
08-Apr-88	ND	0.00000	100.0	100.0	100.00
08-Apr-88	ND	0.00000	103.0	100.0	103.00
08-Apr-88	ND	0.00000	103.0	100.0	103.00
08-Apr-88	ND	0.00000	97.0	100.0	97.00
08-Apr-88	ND	0.00000	99.0	100.0	99.00
11-Apr-88	ND	0.00000	97.0	100.0	97.00
11-Apr-88	ND	0.00000	83.0	100.0	83.00
11-Apr-88	ND	0.00000	99.0	100.0	99.00
11-Apr-88	ND	0.00000	90.0	100.0	90.00
11-Apr-88	ND	0.00000	103.0	100.0	103.00
11-Apr-88	ND	0.00000	96.0	100.0	96.00
12-Apr-88	ND	0.00000	105.0	100.0	105.00
12-Apr-88	ND	0.00000	102.0	100.0	102.00
12-Apr-88	ND	0.00000	105.0	100.0	105.00
12-Apr-88	ND	0.00000	109.0	100.0	109.00
12-Apr-88	ND	0.00000	102.0	100.0	102.00
12-Apr-88	ND	0.00000	103.0	100.0	103.00
12-Apr-88	ND	0.00000	106.0	100.0	106.00
12-Apr-88	ND	0.00000	102.0	100.0	102.00
12-Apr-88	ND	0.00000	107.0	100.0	107.00
13-Apr-88	ND	0.00000	108.0	100.0	108.00
13-Apr-88	ND	0.00000	108.0	100.0	108.00
13-Apr-88	ND	0.00000	107.0	100.0	107.00
13-Apr-88	ND	0.00000	105.0	100.0	105.00
13-Apr-88	ND	0.00000	107.0	100.0	107.00
13-Apr-88	ND	0.00000	104.0	100.0	104.00
13-Apr-88	ND	0.00000	102.0	100.0	102.00
13-Apr-88	ND	0.00000	98.0	100.0	98.00
13-Apr-88	ND	0.00000	106.0	100.0	106.00
13-Apr-88	ND	0.00000	103.0	100.0	103.00
13-Apr-88	ND	0.00000	110.0	100.0	110.00
14-Apr-88	ND	0.00000	102.0	100.0	102.00
14-Apr-88	ND	0.00000	99.0	100.0	99.00
14-Apr-88	ND	0.00000	101.0	100.0	101.00
14-Apr-88	ND	0.00000	101.0	100.0	101.00
14-Apr-88	ND	0.00000	99.0	100.0	99.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 601
Matrix: Aqueous
Spiked Analyte = 1-Bromo-4-fluorobenzene
Type of Spike = Surrogate - Reg. Sample. continued

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
14-Apr-88	ND	0.00000	97.0	100.0	97.00
14-Apr-88	ND	0.00000	100.0	100.0	100.00
14-Apr-88	ND	0.00000	100.0	100.0	100.00
14-Apr-88	ND	0.00000	99.0	100.0	99.00
14-Apr-88	ND	0.00000	104.0	100.0	104.00
15-Apr-88	ND	0.00000	106.0	100.0	106.00
15-Apr-88	ND	0.00000	103.0	100.0	103.00
15-Apr-88	ND	0.00000	106.0	100.0	106.00
15-Apr-88	ND	0.00000	101.0	100.0	101.00
15-Apr-88	ND	0.00000	102.0	100.0	102.00
15-Apr-88	ND	0.00000	107.0	100.0	107.00
15-Apr-88	ND	0.00000	101.0	100.0	101.00
18-Apr-88	ND	0.00000	104.0	100.0	104.00
18-Apr-88	ND	0.00000	104.0	100.0	104.00
18-Apr-88	ND	0.00000	104.0	100.0	104.00
18-Apr-88	ND	0.00000	95.0	100.0	95.00
18-Apr-88	ND	0.00000	96.0	100.0	96.00
18-Apr-88	ND	0.00000	122.0	100.0	122.00
18-Apr-88	ND	0.00000	97.0	100.0	97.00
18-Apr-88	ND	0.00000	104.0	100.0	104.00
18-Apr-88	ND	0.00000	97.0	100.0	97.00
18-Apr-88	ND	0.00000	94.0	100.0	94.00
18-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	97.0	100.0	97.00
19-Apr-88	ND	0.00000	93.0	100.0	93.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	101.0	100.0	101.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00

Number of Samples = 137
Mean % Recovery = 102
Standard Deviation = 8.14

Below acceptance = 0
Above acceptance = 1
Acceptance Criteria 76.00 - 124.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Bromochloromethane					
Type of Spike = Surrogate - Reg. Sample.					
29-Feb-88	ND	0.00000	116.0	100.0	116.00
29-Feb-88	ND	0.00000	99.0	100.0	99.00
29-Feb-88	ND	0.00000	100.0	100.0	100.00
29-Feb-88	ND	0.00000	102.0	100.0	102.00
02-Mar-88	ND	0.00000	121.0	100.0	121.00
03-Mar-88	ND	0.00000	106.0	100.0	106.00
03-Mar-88	ND	0.00000	100.0	100.0	100.00
03-Mar-88	ND	0.00000	100.0	100.0	100.00
03-Mar-88	ND	0.00000	109.0	100.0	109.00
03-Mar-88	ND	0.00000	88.0	100.0	88.00
03-Mar-88	ND	0.00000	92.0	100.0	92.00
03-Mar-88	ND	0.00000	97.0	100.0	97.00
04-Mar-88	ND	0.00000	106.0	100.0	106.00
04-Mar-88	ND	0.00000	111.0	100.0	111.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	96.0	100.0	96.00
04-Mar-88	ND	0.00000	98.0	100.0	98.00
04-Mar-88	ND	0.00000	101.0	100.0	101.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	97.0	100.0	97.00
04-Mar-88	ND	0.00000	95.0	100.0	95.00
04-Mar-88	ND	0.00000	117.0	100.0	117.00
04-Mar-88	ND	0.00000	100.0	100.0	100.00
04-Mar-88	ND	0.00000	103.0	100.0	103.00
04-Mar-88	ND	0.00000	97.0	100.0	97.00
04-Mar-88	ND	0.00000	99.0	100.0	99.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	99.0	100.0	99.00
04-Mar-88	ND	0.00000	92.0	100.0	92.00
04-Mar-88	ND	0.00000	106.0	100.0	106.00
05-Mar-88	ND	0.00000	101.0	100.0	101.00
05-Mar-88	ND	0.00000	98.0	100.0	98.00
05-Mar-88	ND	0.00000	102.0	100.0	102.00
05-Mar-88	ND	0.00000	102.0	100.0	102.00
05-Mar-88	ND	0.00000	108.0	100.0	108.00
05-Mar-88	ND	0.00000	110.0	100.0	110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Bromochloromethane					
Type of Spike = Surrogate - Reg. Sample. continued					
05-Mar-88	ND	0.00000	99.0	100.0	99.00
05-Mar-88	ND	0.00000	103.0	100.0	103.00
05-Mar-88	ND	0.00000	106.0	100.0	106.00
05-Mar-88	ND	0.00000	101.0	100.0	101.00
05-Mar-88	ND	0.00000	99.0	100.0	99.00
05-Mar-88	ND	0.00000	111.0	100.0	111.00
08-Mar-88	ND	0.00000	104.0	100.0	104.00
08-Mar-88	ND	0.00000	105.0	100.0	105.00
08-Mar-88	ND	0.00000	117.0	100.0	117.00
08-Mar-88	ND	0.00000	127.0	100.0	127.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	99.0	100.0	99.00
09-Mar-88	ND	0.00000	105.0	100.0	105.00
12-Mar-88	ND	0.00000	102.0	100.0	102.00
12-Mar-88	ND	0.00000	105.0	100.0	105.00
12-Mar-88	ND	0.00000	89.0	100.0	89.00
12-Mar-88	ND	0.00000	100.0	100.0	100.00
15-Mar-88	ND	0.00000	110.0	100.0	110.00
15-Mar-88	ND	0.00000	116.0	100.0	116.00
15-Mar-88	ND	0.00000	114.0	100.0	114.00
15-Mar-88	ND	0.00000	107.0	100.0	107.00
06-Apr-88	ND	0.00000	108.0	100.0	108.00
06-Apr-88	ND	0.00000	117.0	100.0	117.00
06-Apr-88	ND	0.00000	98.0	100.0	98.00
07-Apr-88	ND	0.00000	110.0	100.0	110.00
07-Apr-88	ND	0.00000	96.0	100.0	96.00
07-Apr-88	ND	0.00000	96.0	100.0	96.00
07-Apr-88	ND	0.00000	99.0	100.0	99.00
07-Apr-88	ND	0.00000	89.0	100.0	89.00
07-Apr-88	ND	0.00000	94.0	100.0	94.00
07-Apr-88	ND	0.00000	98.0	100.0	98.00
07-Apr-88	ND	0.00000	118.0	100.0	118.00
08-Apr-88	ND	0.00000	96.0	100.0	96.00
08-Apr-88	ND	0.00000	101.0	100.0	101.00
08-Apr-88	ND	0.00000	101.0	100.0	101.00
08-Apr-88	ND	0.00000	99.0	100.0	99.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Bromochloromethane					
Type of Spike = Surrogate - Reg. Sample. continued					
08-Apr-88	ND	0.00000	101.0	100.0	101.00
08-Apr-88	ND	0.00000	101.0	100.0	101.00
08-Apr-88	ND	0.00000	98.0	100.0	98.00
08-Apr-88	ND	0.00000	95.0	100.0	95.00
11-Apr-88	ND	0.00000	117.0	100.0	117.00
11-Apr-88	ND	0.00000	90.0	100.0	90.00
11-Apr-88	ND	0.00000	85.0	100.0	85.00
11-Apr-88	ND	0.00000	95.0	100.0	95.00
11-Apr-88	ND	0.00000	97.0	100.0	97.00
11-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	100.0	100.0	100.00
12-Apr-88	ND	0.00000	104.0	100.0	104.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	103.0	100.0	103.00
12-Apr-88	ND	0.00000	103.0	100.0	103.00
12-Apr-88	ND	0.00000	107.0	100.0	107.00
12-Apr-88	ND	0.00000	100.0	100.0	100.00
12-Apr-88	ND	0.00000	103.0	100.0	103.00
12-Apr-88	ND	0.00000	103.0	100.0	103.00
13-Apr-88	ND	0.00000	108.0	100.0	108.00
13-Apr-88	ND	0.00000	105.0	100.0	105.00
13-Apr-88	ND	0.00000	90.0	100.0	90.00
13-Apr-88	ND	0.00000	108.0	100.0	108.00
13-Apr-88	ND	0.00000	99.0	100.0	99.00
13-Apr-88	ND	0.00000	104.0	100.0	104.00
13-Apr-88	ND	0.00000	109.0	100.0	109.00
13-Apr-88	ND	0.00000	109.0	100.0	109.00
13-Apr-88	ND	0.00000	111.0	100.0	111.00
13-Apr-88	ND	0.00000	112.0	100.0	112.00
13-Apr-88	ND	0.00000	108.0	100.0	108.00
14-Apr-88	ND	0.00000	97.0	100.0	97.00
14-Apr-88	ND	0.00000	109.0	100.0	109.00
14-Apr-88	ND	0.00000	102.0	100.0	102.00
14-Apr-88	ND	0.00000	100.0	100.0	100.00
14-Apr-88	ND	0.00000	103.0	100.0	103.00
14-Apr-88	ND	0.00000	101.0	100.0	101.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: EPA method 601
Matrix: Aqueous
Spiked Analyte = Bromochloromethane
Type of Spike = Surrogate - Reg. Sample. continued

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
14-Apr-88	ND	0.00000	104.0	100.0	104.00
14-Apr-88	ND	0.00000	97.0	100.0	97.00
14-Apr-88	ND	0.00000	101.0	100.0	101.00
14-Apr-88	ND	0.00000	120.0	100.0	120.00
15-Apr-88	ND	0.00000	96.0	100.0	96.00
15-Apr-88	ND	0.00000	99.0	100.0	99.00
15-Apr-88	ND	0.00000	99.0	100.0	99.00
15-Apr-88	ND	0.00000	97.0	100.0	97.00
15-Apr-88	ND	0.00000	107.0	100.0	107.00
15-Apr-88	ND	0.00000	92.0	100.0	92.00
15-Apr-88	ND	0.00000	94.0	100.0	94.00
18-Apr-88	ND	0.00000	128.0	100.0	128.00
18-Apr-88	ND	0.00000	94.0	100.0	94.00
18-Apr-88	ND	0.00000	105.0	100.0	105.00
18-Apr-88	ND	0.00000	102.0	100.0	102.00
18-Apr-88	ND	0.00000	97.0	100.0	97.00
18-Apr-88	ND	0.00000	108.0	100.0	108.00
18-Apr-88	ND	0.00000	97.0	100.0	97.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
18-Apr-88	ND	0.00000	104.0	100.0	104.00
18-Apr-88	ND	0.00000	95.0	100.0	95.00
18-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	105.0	100.0	105.00
19-Apr-88	ND	0.00000	103.0	100.0	103.00
19-Apr-88	ND	0.00000	94.0	100.0	94.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	103.0	100.0	103.00

Number of Samples = 137
Mean % Recovery = 102
Standard Deviation = 7.38

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 70.00 - 129.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Bromodichloromethane					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	2.2	2.0	110.00
04-Mar-88	ND	0.00000	2.3	2.0	115.00
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	2.5	2.0	125.00
06-Apr-88	ND	0.00000	2.4	2.0	120.00

Number of Samples = 4
Mean % Recovery = 117
Standard Deviation = 6.45
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 42.00 - 172.00

Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Bromoform					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	2.3	2.9	79.31
04-Mar-88	ND	0.00000	2.2	2.9	75.86
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	2.8	2.9	96.55

Number of Samples = 3
Mean % Recovery = 83
Standard Deviation = 11.08
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 13.00 - 159.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Carbon Tetrachloride					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	2.5	2.6	96.15
04-Mar-88	ND	0.00000	2.4	2.6	92.31
Number of Samples = 2			Below acceptance = 0		
Mean % Recovery = 94			Above acceptance = 0		
Standard Deviation = 2.71			Acceptance Criteria	43.00 - 143.00	
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Carbon tetrachloride					
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	2.7	2.6	103.85
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 103			Above acceptance = 0		
Standard Deviation =			Acceptance Criteria	43.00 - 143.00	
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Chloroform					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	10.7	12.0	89.17
04-Mar-88	ND	0.00000	9.6	12.0	80.00
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	10.0	12.0	83.33
06-Apr-88	ND	0.00000	11.5	12.0	95.83

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Chloroform					
Type of Spike = Predigestion Matrix Spike. continued					
Number of Samples = 4			Below acceptance = 0		
Mean % Recovery = 87			Above acceptance = 0		
Standard Deviation = 6.95			Acceptance Criteria	49.00 - 133.00	
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Dibromochloromethane					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	2.8	2.6	107.69
04-Mar-88	ND	0.00000	2.6	2.6	100.00
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	3.3	2.6	126.92
06-Apr-88	ND	0.00000	3.3	2.6	126.92
Number of Samples = 4			Below acceptance = 0		
Mean % Recovery = 115			Above acceptance = 0		
Standard Deviation = 13.68			Acceptance Criteria	24.00 - 191.00	
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Tetrachloroethylene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	1.5	1.6	93.75
04-Mar-88	ND	0.00000	1.4	1.6	87.50
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88	ND	0.00000	1.6	1.6	100.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Tetrachloroethylene					
Type of Spike = Predigestion Matrix Spike. continued					
06-Apr-88	ND	0.00000	1.5	1.6	93.75
Number of Samples = 4			Below acceptance = 0		
Mean % Recovery = 93			Above acceptance = 0		
Standard Deviation = 5.10			Acceptance Criteria 31.00 - 156.00		
Method: EPA method 601					
Matrix: Aqueous					
Spiked Analyte = Trichloroethene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	2.2	2.9	75.86
04-Mar-88	ND	0.00000	2.0	2.9	68.97
Type of Spike = Predigestion Matrix Spike.					
06-Apr-88		0.71	2.9	2.9	75.52
06-Apr-88		0.71	2.9	2.9	75.52
Number of Samples = 4			Below acceptance = 0		
Mean % Recovery = 73			Above acceptance = 0		
Standard Deviation = 3.33			Acceptance Criteria 35.00 - 146.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 602 Matrix: Aqueous Spiked Analyte = Benzene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	30.4	30.7	99.02
Number of Samples = 1 Mean % Recovery = 99 Standard Deviation =			Below acceptance = 0 Above acceptance = 0 Acceptance Criteria 39.00 - 150.00		
Method: EPA method 602 Matrix: Aqueous Spiked Analyte = Ethylbenzene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	13.4	11.5	116.52
Number of Samples = 1 Mean % Recovery = 116 Standard Deviation =			Below acceptance = 0 Above acceptance = 0 Acceptance Criteria 32.00 - 160.00		
Method: EPA method 602 Matrix: Aqueous Spiked Analyte = Toluene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	5.3	4.1	129.27
Number of Samples = 1 Mean % Recovery = 129 Standard Deviation =			Below acceptance = 0 Above acceptance = 0 Acceptance Criteria 46.00 - 148.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 602					
Matrix: Aqueous					
Spiked Analyte = a,a,a-Trifluorotoluene					
Type of Spike = Surrogate - Reg. Sample.					
25-Feb-88	ND	0.00000	105.0	100.0	105.00
25-Feb-88	ND	0.00000	109.0	100.0	109.00
25-Feb-88	ND	0.00000	107.0	100.0	107.00
26-Feb-88	ND	0.00000	117.0	100.0	117.00
29-Feb-88	ND	0.00000	110.0	100.0	110.00
01-Mar-88	ND	0.00000	99.0	100.0	99.00
01-Mar-88	ND	0.00000	95.0	100.0	95.00
01-Mar-88	ND	0.00000	108.0	100.0	108.00
01-Mar-88	ND	0.00000	110.0	100.0	110.00
01-Mar-88	ND	0.00000	106.0	100.0	106.00
01-Mar-88	ND	0.00000	104.0	100.0	104.00
01-Mar-88	ND	0.00000	101.0	100.0	101.00
01-Mar-88	ND	0.00000	97.0	100.0	97.00
01-Mar-88	ND	0.00000	105.0	100.0	105.00
02-Mar-88	ND	0.00000	110.0	100.0	110.00
02-Mar-88	ND	0.00000	111.0	100.0	111.00
02-Mar-88	ND	0.00000	108.0	100.0	108.00
02-Mar-88	ND	0.00000	222.0	100.0	222.00
02-Mar-88	ND	0.00000	110.0	100.0	110.00
02-Mar-88	ND	0.00000	109.0	100.0	109.00
02-Mar-88	ND	0.00000	107.0	100.0	107.00
02-Mar-88	ND	0.00000	109.0	100.0	109.00
04-Mar-88	ND	0.00000	173.0	100.0	173.00
04-Mar-88	ND	0.00000	108.0	100.0	108.00
04-Mar-88	ND	0.00000	113.0	100.0	113.00
04-Mar-88	ND	0.00000	164.0	100.0	164.00
04-Mar-88	ND	0.00000	106.0	100.0	106.00
04-Mar-88	ND	0.00000	106.0	100.0	106.00
04-Mar-88	ND	0.00000	172.0	100.0	172.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	152.0	100.0	152.00
05-Mar-88	ND	0.00000	90.0	100.0	90.00
05-Mar-88	ND	0.00000	91.0	100.0	91.00
05-Mar-88	ND	0.00000	91.0	100.0	91.00
05-Mar-88	ND	0.00000	104.0	100.0	104.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 602					
Matrix: Aqueous					
Spiked Analyte = a,a,a-Trifluorotoluene					
Type of Spike = Surrogate - Reg. Sample. continued					
05-Mar-88	ND	0.00000	89.0	100.0	89.00
05-Mar-88	ND	0.00000	123.0	100.0	123.00
10-Mar-88	ND	0.00000	9.0	100.0	9.00
10-Mar-88	ND	0.00000	104.0	100.0	104.00
10-Mar-88	ND	0.00000	99.0	100.0	99.00
10-Mar-88	ND	0.00000	101.0	100.0	101.00
10-Mar-88	ND	0.00000	104.0	100.0	104.00
10-Mar-88	ND	0.00000	104.0	100.0	104.00
10-Mar-88	ND	0.00000	106.0	100.0	106.00
11-Mar-88	ND	0.00000	106.0	100.0	106.00
11-Mar-88	ND	0.00000	112.0	100.0	112.00
11-Mar-88	ND	0.00000	98.0	100.0	98.00
11-Mar-88	ND	0.00000	102.0	100.0	102.00
11-Mar-88	ND	0.00000	103.0	100.0	103.00
11-Mar-88	ND	0.00000	105.0	100.0	105.00
11-Mar-88	ND	0.00000	99.0	100.0	99.00
11-Mar-88	ND	0.00000	102.0	100.0	102.00
11-Mar-88	ND	0.00000	101.0	100.0	101.00
11-Mar-88	ND	0.00000	108.0	100.0	108.00
12-Mar-88	ND	0.00000	105.0	100.0	105.00
12-Mar-88	ND	0.00000	106.0	100.0	106.00
12-Mar-88	ND	0.00000	105.0	100.0	105.00
12-Mar-88	ND	0.00000	107.0	100.0	107.00
06-Apr-88	ND	0.00000	95.0	100.0	95.00
07-Apr-88	ND	0.00000	97.0	100.0	97.00
07-Apr-88	ND	0.00000	92.0	100.0	92.00
07-Apr-88	ND	0.00000	96.0	100.0	96.00
07-Apr-88	ND	0.00000	94.0	100.0	94.00
07-Apr-88	ND	0.00000	95.0	100.0	95.00
07-Apr-88	ND	0.00000	95.0	100.0	95.00
07-Apr-88	ND	0.00000	99.0	100.0	99.00
07-Apr-88	ND	0.00000	98.0	100.0	98.00
07-Apr-88	ND	0.00000	99.0	100.0	99.00
07-Apr-88	ND	0.00000	90.0	100.0	90.00
08-Apr-88	ND	0.00000	98.0	100.0	98.00
08-Apr-88	ND	0.00000	96.0	100.0	96.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 602					
Matrix: Aqueous					
Spiked Analyte = a,a,a-Trifluorotoluene					
Type of Spike = Surrogate - Reg. Sample. continued					
08-Apr-88	ND	0.00000	98.0	100.0	98.00
08-Apr-88	ND	0.00000	93.0	100.0	93.00
08-Apr-88	ND	0.00000	91.0	100.0	91.00
08-Apr-88	ND	0.00000	94.0	100.0	94.00
08-Apr-88	ND	0.00000	88.0	100.0	88.00
08-Apr-88	ND	0.00000	95.0	100.0	95.00
11-Apr-88	ND	0.00000	91.0	100.0	91.00
11-Apr-88	ND	0.00000	116.0	100.0	116.00
11-Apr-88	ND	0.00000	102.0	100.0	102.00
11-Apr-88	ND	0.00000	96.0	100.0	96.00
11-Apr-88	ND	0.00000	98.0	100.0	98.00
11-Apr-88	ND	0.00000	105.0	100.0	105.00
12-Apr-88	ND	0.00000	95.0	100.0	95.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	95.0	100.0	95.00
12-Apr-88	ND	0.00000	93.0	100.0	93.00
12-Apr-88	ND	0.00000	96.0	100.0	96.00
12-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	100.0	100.0	100.00
15-Apr-88	ND	0.00000	107.0	100.0	107.00
15-Apr-88	ND	0.00000	103.0	100.0	103.00
15-Apr-88	ND	0.00000	100.0	100.0	100.00
15-Apr-88	ND	0.00000	102.0	100.0	102.00
15-Apr-88	ND	0.00000	106.0	100.0	106.00
15-Apr-88	ND	0.00000	105.0	100.0	105.00
15-Apr-88	ND	0.00000	103.0	100.0	103.00
15-Apr-88	ND	0.00000	104.0	100.0	104.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
18-Apr-88	ND	0.00000	95.0	100.0	95.00
18-Apr-88	ND	0.00000	99.0	100.0	99.00
18-Apr-88	ND	0.00000	99.0	100.0	99.00
18-Apr-88	ND	0.00000	98.0	100.0	98.00
18-Apr-88	ND	0.00000	95.0	100.0	95.00
18-Apr-88	ND	0.00000	98.0	100.0	98.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 602					
Matrix: Aqueous					
Spiked Analyte = a,a,a-Trifluorotoluene					
Type of Spike = Surrogate - Reg. Sample. continued					
18-Apr-88	ND	0.00000	96.0	100.0	96.00
18-Apr-88	ND	0.00000	101.0	100.0	101.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
18-Apr-88	ND	0.00000	97.0	100.0	97.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	98.0	100.0	98.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	98.0	100.0	98.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	92.0	100.0	92.00
19-Apr-88	ND	0.00000	115.0	100.0	115.00
19-Apr-88	ND	0.00000	99.0	100.0	99.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	135.0	100.0	135.00
19-Apr-88	ND	0.00000	193.0	100.0	193.00
20-Apr-88	ND	0.00000	3000.0	100.0	3000.00
20-Apr-88	ND	0.00000	98.0	100.0	98.00
20-Apr-88	ND	0.00000	158.0	100.0	158.00
20-Apr-88	ND	0.00000	135.0	100.0	135.00
20-Apr-88	ND	0.00000	1180.0	100.0	1180.00
20-Apr-88	ND	0.00000	102.0	100.0	102.00
20-Apr-88	ND	0.00000	110.0	100.0	110.00
20-Apr-88	ND	0.00000	133.0	100.0	133.00
20-Apr-88	ND	0.00000	100.0	100.0	100.00
21-Apr-88	ND	0.00000	97.0	100.0	97.00
21-Apr-88	ND	0.00000	85.0	100.0	85.00
21-Apr-88	ND	0.00000	96.0	100.0	96.00
21-Apr-88	ND	0.00000	101.0	100.0	101.00
21-Apr-88	ND	0.00000	100.0	100.0	100.00

Number of Samples = 138
Mean % Recovery = 133
Standard Deviation = 263.08

Below acceptance = 1
Above acceptance = 12
Acceptance Criteria 68.10 - 129.30

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: EPA method 602					
Matrix: Aqueous					
Spiked Analyte = m-Xylene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	47.5	42.6	111.50
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 111			Above acceptance = 1		
Standard Deviation =			Acceptance Criteria	83.00 - 107.00	
Method: EPA method 602					
Matrix: Aqueous					
Spiked Analyte = o-Xylene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	11.4	10.6	107.55
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 107			Above acceptance = 0		
Standard Deviation =			Acceptance Criteria	93.00 - 126.00	
Method: EPA method 602					
Matrix: Aqueous					
Spiked Analyte = p-Xylene					
Type of Spike = Surrogate - Reg. Sample.					
04-Mar-88	ND	0.00000	24.6	19.1	128.80
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 128			Above acceptance = 1		
Standard Deviation =			Acceptance Criteria	88.00 - 109.00	

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Fluoride, SIE					
Matrix: Aqueous					
Spiked Analyte = F_SIE					
Type of Spike = Analytical.					
03-Mar-88		0.25	0.80	0.50	110.00
16-Apr-88		0.33	0.83	0.51	100.00
Type of Spike = Predigestion Matrix Spike.					
04-Mar-88		0.25	0.64	0.50	78.00
09-Mar-88		0.32	0.80	0.50	96.00
18-Apr-88		0.24	0.66	0.50	84.00
18-Apr-88		0.24	0.72	0.50	96.00
18-Apr-88		0.29	0.74	0.50	90.00
19-Apr-88		0.23	0.72	0.50	98.00

Number of Samples = 8 Below acceptance = 2
Mean % Recovery = 94 Above acceptance = 0
Standard Deviation = 9.91 Acceptance Criteria 90.00 - 110.00

Method: Mercury, cold vapor					
Matrix: Aqueous					
Spiked Analyte = Mercury					
Type of Spike = Predigestion Matrix Spike.					
07-Mar-88		0.00010	0.0018	0.0020	85.00
07-Mar-88		0.00010	0.0015	0.0020	70.00
21-Mar-88		0.00010	0.0022	0.0020	105.00
21-Mar-88		0.00010	0.0023	0.0020	110.00
09-Apr-88		0.00010	0.0018	0.0020	85.00
09-Apr-88		0.00010	0.0019	0.0020	90.00
25-Apr-88	ND	0.00010	0.0020	0.0020	95.00
25-Apr-88	ND	0.00000	0.0019	0.0020	90.00
25-Apr-88	ND	0.00000	0.0019	0.0020	90.00
25-Apr-88	ND	0.00000	0.0019	0.0020	90.00
28-Apr-88	ND	0.00000	0.0019	0.0020	90.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Mercury, cold vapor
Matrix: Aqueous
Spiked Analyte = Mercury
Type of Spike = Predigestion Matrix Spike. continued

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
28-Apr-88	ND	0.00000	0.0019	0.0020	90.00
29-Apr-88	ND	0.0060	0.086	0.10	80.00
29-Apr-88	ND	0.0060	0.080	0.10	92.50
25-May-88	ND	0.00000	0.0020	0.0020	95.00
25-May-88	ND	0.00000	0.0020	0.0020	95.00

Number of Samples = 16
Mean % Recovery = 90
Standard Deviation = 9.11
Below acceptance = 2
Above acceptance = 0
Acceptance Criteria 85.00 - 115.00

Method: Mercury, cold vapor
Matrix: Solid
Spiked Analyte = Mercury

Type of Spike = Predigestion Matrix Spike.

17-Feb-88		0.050	0.43	0.50	76.00
17-Feb-88		0.050	0.48	0.50	86.00
19-Feb-88		0.050	0.46	0.50	82.00
19-Feb-88		0.050	0.50	0.50	90.00
29-Feb-88	ND	0.045	0.50	0.50	91.00
29-Feb-88		0.0045	0.048	0.050	87.00
16-Mar-88	ND	0.00010	0.0021	0.0020	100.00
16-Mar-88		0.00010	0.0019	0.0020	90.00

Number of Samples = 8
Mean % Recovery = 87
Standard Deviation = 7.02
Below acceptance = 2
Above acceptance = 0
Acceptance Criteria 85.00 - 115.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Aluminum					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	9.2	10.0	92.00
16-Jun-88	ND	0.00000	9.3	10.0	92.60
16-Jun-88	ND	0.00000	9.7	10.0	97.00
17-Jun-88	ND	0.00000	8.9	10.0	89.40
22-Jun-88	ND	0.00000	9.3	10.0	93.10
23-Jun-88	ND	0.00000	9.2	10.0	92.10
23-Jun-88	ND	0.00000	9.3	10.0	93.10
23-Jun-88	ND	0.00000	9.2	10.0	92.30
30-Jun-88	ND	0.00000	9.6	10.0	95.90
Number of Samples = 9			Below acceptance = 1		
Mean % Recovery = 93			Above acceptance = 0		
Standard Deviation = 2.23			Acceptance Criteria 90.00 - 110.00		
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Antimony					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.87	1.0	87.00
16-Jun-88	ND	0.00000	0.95	1.0	94.80
16-Jun-88	ND	0.00000	1.00	1.0	99.50
17-Jun-88	ND	0.00000	0.93	1.0	93.00
22-Jun-88	ND	0.00000	0.97	1.0	96.70
23-Jun-88	ND	0.00000	1.1	1.0	108.00
23-Jun-88	ND	0.00000	0.97	1.0	96.70
23-Jun-88	ND	0.00000	0.86	1.0	86.40
30-Jun-88	ND	0.00000	0.84	1.0	84.00
Number of Samples = 9			Below acceptance = 3		
Mean % Recovery = 94			Above acceptance = 0		
Standard Deviation = 7.49			Acceptance Criteria 90.00 - 110.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements						
Matrix: Aqueous						
Spiked Analyte = Arsenic						
Type of Spike = Predigestion Matrix Spike.						
10-Jun-88	ND	0.00000	<5X	0.87	1.0	87.00
16-Jun-88	ND	0.00000	<5X	1.3	1.0	128.00
16-Jun-88	ND	0.00000	<5X	0.99	1.0	99.20
17-Jun-88	ND	0.00000		0.92	1.0	92.30
22-Jun-88	ND	0.00000		0.96	1.0	95.80
22-Jun-88	ND	0.00000		0.84	1.0	84.40
23-Jun-88	ND	0.00000		0.81	1.0	81.00
23-Jun-88	ND	0.00000		0.84	1.0	84.40
23-Jun-88	ND	0.00000		1.9	2.0	93.50

Number of Samples = 9 — Below acceptance = 4
Mean % Recovery = 93 — Above acceptance = 1
Standard Deviation = 14.10 — Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements						
Matrix: Aqueous						
Spiked Analyte = Barium						
Type of Spike = Predigestion Matrix Spike.						
10-Jun-88	ND	0.00000		0.89	1.0	89.00
16-Jun-88	ND	0.00000		0.90	1.0	89.80
16-Jun-88	ND	0.00000		0.95	1.0	94.90
17-Jun-88	ND	0.00000		0.90	1.0	90.30
22-Jun-88	ND	0.00000		0.88	1.0	88.20
23-Jun-88	ND	0.00000		0.88	1.0	87.60
23-Jun-88	ND	0.00000		0.88	1.0	88.20
23-Jun-88	ND	0.00000		1.9	2.0	93.00
30-Jun-88	ND	0.00000		0.88	1.0	88.20

Number of Samples = 9 — Below acceptance = 6
Mean % Recovery = 89 — Above acceptance = 0
Standard Deviation = 2.48 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Beryllium

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
10-Jun-88	ND	0.00000	0.89	1.0	89.00
16-Jun-88	ND	0.00000	0.96	1.0	95.80
17-Jun-88	ND	0.00000	0.90	1.0	90.30
22-Jun-88	ND	0.00000	0.87	1.0	86.90
23-Jun-88	ND	0.00000	0.86	1.0	86.30
23-Jun-88	ND	0.00000	0.87	1.0	86.90
23-Jun-88	ND	0.00000	1.8	2.0	91.00
30-Jun-88	ND	0.00000	0.89	1.0	88.60

Number of Samples = 8
Mean % Recovery = 89
Standard Deviation = 3.09

Below acceptance = 5
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Boron

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
10-Jun-88	ND	0.00000	<5X	0.94	1.0	94.00
16-Jun-88	ND	0.00000		0.95	1.0	95.00
16-Jun-88	ND	0.00000	<5X	1.0	1.0	100.00
17-Jun-88	ND	0.00000		0.95	1.0	95.40
22-Jun-88	ND	0.00000		0.90	1.0	89.80
23-Jun-88	ND	0.00000		0.97	1.0	96.70
23-Jun-88	ND	0.00000		0.90	1.0	89.80
23-Jun-88	ND	0.00000		1.9	2.0	95.00

Number of Samples = 8
Mean % Recovery = 94
Standard Deviation = 3.39

Below acceptance = 2
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Cadmium					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.89	1.0	89.00
16-Jun-88	ND	0.00000	0.94	1.0	93.50
16-Jun-88	ND	0.00000	0.99	1.0	99.20
16-Jun-88	ND	0.00000	0.96	1.0	95.80
17-Jun-88	ND	0.00000	0.90	1.0	89.80
22-Jun-88	ND	0.00000	0.88	1.0	88.40
23-Jun-88	ND	0.00000	0.85	1.0	85.10
23-Jun-88	ND	0.00000	0.88	1.0	88.40
23-Jun-88	ND	0.00000	1.8	2.0	90.50
30-Jun-88	ND	0.00000	0.88	1.0	88.10
Number of Samples = 10			Below acceptance = 6		
Mean % Recovery = 90			Above acceptance = 0		
Standard Deviation = 4.19			Acceptance Criteria 90.00 - 110.00		
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Calcium					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	9.4	10.0	94.00
16-Jun-88	ND	0.00000	9.3	10.0	93.20
16-Jun-88	ND	0.00000	9.8	10.0	98.00
16-Jun-88	ND	0.00000	10.0	10.0	100.00
17-Jun-88	ND	0.00000	9.4	10.0	93.70
22-Jun-88	ND	0.00000	9.4	10.0	94.30
23-Jun-88	ND	0.00000	9.9	10.0	99.10
23-Jun-88	ND	0.00000	9.4	10.0	94.30
23-Jun-88	ND	0.00000	10.3	10.0	103.00
Number of Samples = 9			Below acceptance = 0		
Mean % Recovery = 96			Above acceptance = 0		
Standard Deviation = 3.50			Acceptance Criteria 90.00 - 110.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Calcium
Type of Spike = Predigestion Matrix Spike. continued

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Chromium

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
10-Jun-88	ND	0.00000	0.90	1.0	90.00
16-Jun-88	ND	0.00000	0.90	1.0	90.10
16-Jun-88	ND	0.00000	0.96	1.0	95.80
17-Jun-88	ND	0.00000	0.92	1.0	91.60
22-Jun-88	ND	0.00000	0.89	1.0	89.10
23-Jun-88	ND	0.00000	0.88	1.0	87.90
23-Jun-88	ND	0.00000	0.89	1.0	89.10
23-Jun-88	ND	0.00000	1.8	2.0	89.50
30-Jun-88	ND	0.00000	0.87	1.0	87.40

Number of Samples = 9
Mean % Recovery = 90
Standard Deviation = 2.48

Below acceptance = 5
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Cobalt

Type of Spike = Predigestion Matrix Spike.

10-Jun-88	ND	0.00000	0.86	1.0	86.00
16-Jun-88	ND	0.00000	0.91	1.0	90.50
16-Jun-88	ND	0.00000	0.94	1.0	94.40
17-Jun-88	ND	0.00000	0.90	1.0	89.90
22-Jun-88	ND	0.00000	0.85	1.0	85.30
23-Jun-88	ND	0.00000	0.84	1.0	84.00
23-Jun-88	ND	0.00000	0.85	1.0	85.30

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Cobalt					
Type of Spike = Predigestion Matrix Spike. continued					
23-Jun-88	ND	0.00000	1.8	2.0	89.50
30-Jun-88	ND	0.00000	0.88	1.0	87.50

Number of Samples = 9 — Below acceptance = 7
Mean % Recovery = 88 — Above acceptance = 0
Standard Deviation = 3.31 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Copper					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.92	1.0	92.00
16-Jun-88	ND	0.00000	0.90	1.0	89.80
16-Jun-88	ND	0.00000	0.97	1.0	96.50
17-Jun-88	ND	0.00000	0.93	1.0	92.80
22-Jun-88	ND	0.00000	0.89	1.0	88.50
23-Jun-88	ND	0.00000	0.88	1.0	87.70
23-Jun-88	ND	0.00000	0.89	1.0	88.50
23-Jun-88	ND	0.00000	1.9	2.0	92.50
30-Jun-88	ND	0.00000	0.92	1.0	91.60

Number of Samples = 9 — Below acceptance = 4
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 2.78 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Iron					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	8.7	10.0	87.00
16-Jun-88	ND	0.00000	9.1	10.0	91.10
17-Jun-88	ND	0.00000	8.9	10.0	88.70
22-Jun-88	ND	0.00000	9.0	10.0	89.80
22-Jun-88	ND	0.00000	8.8	10.0	87.80
23-Jun-88	ND	0.00000	8.9	10.0	89.10
23-Jun-88	ND	0.00000	8.8	10.0	87.80
23-Jun-88	ND	0.00000	9.0	10.0	90.20
30-Jun-88	ND	0.00000	9.4	10.0	93.70

Number of Samples = 9
Mean % Recovery = 89
Standard Deviation = 2.04

Below acceptance = 6
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Lead					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.84	1.0	84.00
16-Jun-88	ND	0.00000	0.86	1.0	85.50
16-Jun-88	ND	0.00000	0.90	1.0	89.70
17-Jun-88	ND	0.00000	9.2	10.0	91.60
22-Jun-88	ND	0.00000	0.84	1.0	84.10
23-Jun-88	ND	0.00000	0.84	1.0	84.10
23-Jun-88	ND	0.00000	0.84	1.0	84.10
23-Jun-88	ND	0.00000	0.97	1.0	97.00
30-Jun-88	ND	0.00000	0.92	1.0	91.90

Number of Samples = 9
Mean % Recovery = 88
Standard Deviation = 4.74

Below acceptance = 6
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

e	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
hod: ICPES, EPA 200.7 elements					
trix: Aqueous					
iked Analyte = Magnesium					
oe of Spike = Predigestion Matrix Spike.					
Jun-88	ND	0.00000	9.1	10.0	91.00
Jun-88	ND	0.00000	8.9	10.0	88.50
un-88	ND	0.00000	9.5	10.0	94.80
un-88	ND	0.00000	9.0	10.0	90.40
un-88	ND	0.00000	9.2	10.0	92.10
un-88	ND	0.00000	9.3	10.0	92.50
Jun-88	ND	0.00000	9.2	10.0	92.10
Jun-88	ND	0.00000	9.2	10.0	92.40
Jun-88	ND	0.00000	9.4	10.0	94.50

Number of Samples = 9
Mean % Recovery = 92
Standard Deviation = 1.94

Below acceptance = 1
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

od: ICPES, EPA 200.7 elements					
ix: Aqueous					
ed Analyte = Manganese					
e of Spike = Predigestion Matrix Spike.					
un-88	ND	0.00000	0.89	1.0	89.00
un-88	ND	0.00000	0.90	1.0	90.40
un-88	ND	0.00000	0.96	1.0	95.90
un-88	ND	0.00000	0.91	1.0	90.80
un-88	ND	0.00000	0.88	1.0	88.10
un-88	ND	0.00000	0.87	1.0	87.30
un-88	ND	0.00000	0.88	1.0	88.10
un-88	ND	0.00000	1.8	2.0	89.00
un-88	ND	0.00000	0.90	10.0	8.97

Number of Samples = 9
Mean % Recovery = 80
Standard Deviation = 27.07

Below acceptance = 6
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Molybdenum					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.87	1.0	87.00
16-Jun-88	ND	0.00000	0.88	1.0	87.80
16-Jun-88	ND	0.00000	0.93	1.0	92.50
17-Jun-88	ND	0.00000	0.88	1.0	88.10
22-Jun-88	ND	0.00000	0.88	1.0	88.00
23-Jun-88	ND	0.00000	0.86	1.0	86.10
23-Jun-88	ND	0.00000	0.88	1.0	88.00
23-Jun-88	ND	0.00000	0.88	1.0	88.10
30-Jun-88	ND	0.00000	0.050	1.0	5.00

Number of Samples = 9 — Below acceptance = 8
Mean % Recovery = 78 — Above acceptance = 0
Standard Deviation = 27.78 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Nickel					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.89	1.0	89.00
16-Jun-88	ND	0.00000	0.92	1.0	91.90
16-Jun-88	ND	0.00000	0.96	1.0	95.80
17-Jun-88	ND	0.00000	9.1	10.0	91.30
22-Jun-88	ND	0.00000	0.89	1.0	88.90
23-Jun-88	ND	0.00000	0.87	1.0	87.40
23-Jun-88	ND	0.00000	0.89	1.0	88.90
23-Jun-88	ND	0.00000	1.8	2.0	88.50
30-Jun-88	ND	0.00000	0.91	1.0	90.60

Number of Samples = 9 — Below acceptance = 5
Mean % Recovery = 90 — Above acceptance = 0
Standard Deviation = 2.52 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Potassium

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
10-Jun-88	ND	0.00000		8.3	10.0	83.00
16-Jun-88	ND	0.00000		9.2	10.0	92.10
16-Jun-88	ND	0.00000		8.9	10.0	89.20
17-Jun-88	ND	0.00000		8.4	10.0	84.50
22-Jun-88	ND	0.00000		8.5	10.0	84.90
23-Jun-88	ND	0.00000		8.1	10.0	81.10
23-Jun-88	ND	0.00000		8.5	10.0	84.90
23-Jun-88	ND	0.00000		7.7	10.0	77.40
30-Jun-88	ND	0.00000		9.2	10.0	91.80

Number of Samples = 9
Mean % Recovery = 85
Standard Deviation = 4.87

Below acceptance = 7
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Selenium

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
10-Jun-88	ND	0.00000	<5X	0.86	1.0	86.00
16-Jun-88	ND	0.00000		0.88	1.0	88.30
16-Jun-88	ND	0.00000	<5X	1.1	1.0	111.00
17-Jun-88	ND	0.00000		0.75	1.0	74.80
22-Jun-88	ND	0.00000	ND	0.30	1.0	30.00
22-Jun-88	ND	0.00000		0.77	1.0	77.10
23-Jun-88	ND	0.00000		0.83	1.0	82.70
23-Jun-88	ND	0.00000		0.77	1.0	77.10
23-Jun-88	ND	0.00000		1.8	2.0	90.50
30-Jun-88	ND	0.00000		0.94	1.0	93.90

Number of Samples = 10
Mean % Recovery = 81
Standard Deviation = 20.83

Below acceptance = 7
Above acceptance = 1
Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Selenium
Type of Spike = Predigestion Matrix Spike. continued

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Silicon

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
16-Jun-88	ND	0.00000	<5X	0.87	1.0	86.80
17-Jun-88	ND	0.00000		0.91	1.0	91.20
22-Jun-88	ND	0.00000		0.86	1.0	86.10
23-Jun-88	ND	0.00000		1.0	1.0	103.00
23-Jun-88	ND	0.00000		0.86	1.0	86.10
23-Jun-88	ND	0.00000		0.84	1.0	84.10
30-Jun-88	ND	0.00000		0.30	1.0	30.00

Number of Samples = 7
Mean % Recovery = 81
Standard Deviation = 23.39

Below acceptance = 5
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements
Matrix: Aqueous
Spiked Analyte = Silver

Type of Spike = Predigestion Matrix Spike.

10-Jun-88	ND	0.00000		0.88	1.0	88.00
16-Jun-88	ND	0.00000		0.16	1.0	15.60
16-Jun-88	ND	0.00000		0.84	1.0	84.10
17-Jun-88	ND	0.00000		0.94	1.0	94.30
22-Jun-88	ND	0.00000		0.89	1.0	89.10
23-Jun-88	ND	0.00000		0.89	1.0	88.80
23-Jun-88	ND	0.00000		0.84	1.0	84.10
23-Jun-88	ND	0.00000		0.89	1.0	89.10
23-Jun-88	ND	0.00000		0.97	1.0	96.90

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Silver					
Type of Spike = Predigestion Matrix Spike. continued					
30-Jun-88	ND	0.00000	0.87	1.0	87.00

Number of Samples = 10
Mean % Recovery = 81
Standard Deviation = 23.56

Below acceptance = 8
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Sodium					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	9.4	10.0	94.00
16-Jun-88	ND	0.00000	10.2	10.0	102.00
16-Jun-88	ND	0.00000	8.4	10.0	84.50
17-Jun-88	ND	0.00000	9.6	10.0	95.50
22-Jun-88	ND	0.00000	9.1	10.0	91.10
23-Jun-88	ND	0.00000	9.6	10.0	95.90
23-Jun-88	ND	0.00000	9.1	10.0	91.10
23-Jun-88	ND	0.00000	10.1	10.0	101.00
30-Jun-88	ND	0.00000	9.4	10.0	93.80

Number of Samples = 9
Mean % Recovery = 94
Standard Deviation = 5.30

Below acceptance = 1
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Thallium					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.98	1.0	98.00
16-Jun-88	ND	0.00000	0.92	1.0	91.90
17-Jun-88	ND	0.00000	0.98	1.0	97.90
22-Jun-88	ND	0.00000	1.0	1.0	104.00
22-Jun-88	ND	0.00000	0.79	1.0	79.40
23-Jun-88	ND	0.00000	0.78	1.0	78.40
23-Jun-88	ND	0.00000	0.79	1.0	79.40
23-Jun-88	ND	0.00000	1.9	2.0	96.50
30-Jun-88	ND	0.00000	0.84	1.0	84.40
Number of Samples = 9			Below acceptance = 4		
Mean % Recovery = 89			Above acceptance = 0		
Standard Deviation = 9.73			Acceptance Criteria 90.00 - 110.00		
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Vanadium					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.87	1.0	87.00
16-Jun-88	ND	0.00000	0.90	1.0	89.60
16-Jun-88	ND	0.00000	0.95	1.0	94.60
17-Jun-88	ND	0.00000	0.90	1.0	89.50
22-Jun-88	ND	0.00000	0.88	1.0	87.80
23-Jun-88	ND	0.00000	0.87	1.0	86.60
23-Jun-88	ND	0.00000	0.88	1.0	87.80
23-Jun-88	ND	0.00000	1.8	2.0	88.50
Number of Samples = 8			Below acceptance = 7		
Mean % Recovery = 88			Above acceptance = 0		
Standard Deviation = 2.53			Acceptance Criteria 90.00 - 110.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Aqueous					
Spiked Analyte = Zinc					
Type of Spike = Predigestion Matrix Spike.					
10-Jun-88	ND	0.00000	0.92	1.0	92.00
16-Jun-88	ND	0.00000	0.91	1.0	90.50
16-Jun-88	ND	0.00000	0.96	1.0	96.30
17-Jun-88	ND	0.00000	0.95	1.0	95.00
22-Jun-88	ND	0.00000	0.86	1.0	85.90
23-Jun-88	ND	0.00000	0.88	1.0	88.10
23-Jun-88	ND	0.00000	0.86	1.0	85.90
23-Jun-88	ND	0.00000	1.8	2.0	88.00
30-Jun-88	ND	0.00000	0.92	1.0	91.70

Number of Samples = 9 — Below acceptance = 4
Mean % Recovery = 90 — Above acceptance = 0
Standard Deviation = 3.73 — Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Aluminum					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	8.8	10.0	87.60
12-Apr-88	ND	0.00000	9.4	10.0	93.90
15-Apr-88	ND	0.00000	9.4	10.0	93.90
19-Apr-88	ND	0.00000	8.6	10.0	86.00
28-Apr-88	ND	0.00000	4.6	5.0	92.60
28-Apr-88	ND	0.00000	9.3	10.0	92.70
07-Jun-88	ND	0.00000	9.0	10.0	90.00
18-Jun-88	ND	0.00000	9.4	10.0	94.00
18-Jun-88	ND	0.00000	9.2	10.0	92.00

Number of Samples = 9 — Below acceptance = 2
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 2.92 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements						
Matrix: Solid						
Spiked Analyte = Antimony						
Type of Spike = Predigestion Matrix Spike.						
11-Apr-88	ND	0.00000		0.92	1.0	91.50
12-Apr-88	ND	0.00000		0.94	1.0	94.00
15-Apr-88	ND	0.00000		0.94	1.0	94.00
19-Apr-88	ND	0.00000		1.0	1.0	101.00
28-Apr-88	ND	0.00000		0.94	1.0	93.80
28-Apr-88	ND	0.00000		0.49	0.50	97.20
07-Jun-88	ND	0.00000		1.0	1.0	100.00
18-Jun-88	ND	0.00000		0.92	1.0	92.00
18-Jun-88	ND	0.00000		0.95	1.0	95.00

Number of Samples = 9 — Below acceptance = 0
Mean % Recovery = 95 — Above acceptance = 0
Standard Deviation = 3.33 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements						
Matrix: Solid						
Spiked Analyte = Arsenic						
Type of Spike = Predigestion Matrix Spike.						
11-Apr-88	ND	0.00000		0.81	1.0	80.80
12-Apr-88	ND	0.00000		0.91	1.0	90.70
15-Apr-88	ND	0.00000		0.91	1.0	90.70
19-Apr-88	ND	0.00000		0.83	1.0	83.00
28-Apr-88	ND	0.00000		0.31	0.50	62.20
28-Apr-88	ND	0.00000		0.75	1.0	74.70
07-Jun-88	ND	0.00000		1.2	1.0	120.00
18-Jun-88	ND	0.00000	<5X	1.2	1.0	123.00

Number of Samples = 8 — Below acceptance = 4
Mean % Recovery = 90 — Above acceptance = 2
Standard Deviation = 21.13 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Barium					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.88	1.0	87.90
12-Apr-88	ND	0.00000	0.93	1.0	93.10
15-Apr-88	ND	0.00000	0.93	1.0	93.10
19-Apr-88	ND	0.00000	0.90	1.0	90.00
28-Apr-88	ND	0.00000	0.46	0.50	91.20
28-Apr-88	ND	0.00000	0.91	1.0	90.80
07-Jun-88	ND	0.00000	0.92	1.0	92.00
18-Jun-88	ND	0.00000	0.98	1.0	98.30
18-Jun-88	ND	0.00000	0.87	1.0	87.00

Number of Samples = 9 — Below acceptance = 2
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 3.31 — Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Beryllium					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.90	1.0	90.10
12-Apr-88	ND	0.00000	0.94	1.0	94.20
15-Apr-88	ND	0.00000	0.94	1.0	94.20
19-Apr-88	ND	0.00000	0.91	1.0	91.00
28-Apr-88	ND	0.00000	0.46	0.50	92.00
28-Apr-88	ND	0.00000	0.92	1.0	92.10
07-Jun-88	ND	0.00000	0.92	1.0	92.00
18-Jun-88	ND	0.00000	0.94	1.0	94.20
18-Jun-88	ND	0.00000	0.86	1.0	86.00

Number of Samples = 9 — Below acceptance = 1
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 2.61 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements						
Matrix: Solid						
Spiked Analyte = Boron						
Type of Spike = Predigestion Matrix Spike.						
11-Apr-88	ND	0.00000		1.1	1.0	107.00
12-Apr-88	ND	0.00000		0.98	1.0	97.80
15-Apr-88	ND	0.00000		0.98	1.0	97.80
19-Apr-88	ND	0.00000		0.94	1.0	94.00
28-Apr-88	ND	0.00000		0.98	1.0	97.80
28-Apr-88	ND	0.00000		0.60	0.50	120.00
07-Jun-88	ND	0.00000		1.0	1.0	100.00
18-Jun-88	ND	0.00000	<5X	1.0	1.0	100.00
18-Jun-88	ND	0.00000	<5X	0.95	1.0	95.00

Number of Samples = 9 — Below acceptance = 0
Mean % Recovery = 101 — Above acceptance = 1
Standard Deviation = 8.02 — Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements						
Matrix: Solid						
Spiked Analyte = Cadmium						
Type of Spike = Predigestion Matrix Spike.						
11-Apr-88	ND	0.00000		0.88	1.0	87.60
12-Apr-88	ND	0.00000		0.93	1.0	92.90
15-Apr-88	ND	0.00000		0.93	1.0	92.90
19-Apr-88	ND	0.00000		0.91	1.0	91.00
28-Apr-88	ND	0.00000		0.90	1.0	90.30
28-Apr-88	ND	0.00000		0.45	0.50	89.80
07-Jun-88	ND	0.00000		0.93	1.0	93.00
18-Jun-88	ND	0.00000		0.88	1.0	88.00
18-Jun-88	ND	0.00000		0.92	1.0	92.20

Number of Samples = 9 — Below acceptance = 3
Mean % Recovery = 90 — Above acceptance = 0
Standard Deviation = 2.09 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Calcium					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	9.5	10.0	95.20
12-Apr-88	ND	0.00000	9.7	10.0	97.10
15-Apr-88	ND	0.00000	9.7	10.0	97.10
19-Apr-88	ND	0.00000	9.7	10.0	97.00
28-Apr-88	ND	0.00000	9.6	10.0	96.40
28-Apr-88	ND	0.00000	4.9	5.0	97.60
07-Jun-88	ND	0.00000	9.5	10.0	95.00
18-Jun-88	ND	0.00000	9.4	10.0	94.00
18-Jun-88	ND	0.00000	9.7	10.0	97.00

Number of Samples = 9 — Below acceptance = 0
Mean % Recovery = 96 — Above acceptance = 0
Standard Deviation = 1.23 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Chromium					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.88	1.0	87.90
12-Apr-88	ND	0.00000	0.92	1.0	92.10
15-Apr-88	ND	0.00000	0.92	1.0	92.10
19-Apr-88	ND	0.00000	0.91	1.0	91.00
28-Apr-88	ND	0.00000	0.91	1.0	90.80
28-Apr-88	ND	0.00000	0.45	0.50	90.80
07-Jun-88	ND	0.00000	0.94	1.0	94.00
18-Jun-88	ND	0.00000	0.94	1.0	93.80
18-Jun-88	ND	0.00000	0.90	1.0	90.00

Number of Samples = 9 — Below acceptance = 1
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 1.89 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Cobalt					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.85	1.0	85.30
12-Apr-88	ND	0.00000	0.89	1.0	89.20
15-Apr-88	ND	0.00000	0.89	1.0	89.20
19-Apr-88	ND	0.00000	0.90	1.0	90.00
28-Apr-88	ND	0.00000	0.45	0.50	89.40
28-Apr-88	ND	0.00000	0.89	1.0	88.60
07-Jun-88	ND	0.00000	0.92	1.0	92.00
18-Jun-88	ND	0.00000	0.95	1.0	95.00
18-Jun-88	ND	0.00000	0.99	1.0	99.00

Number of Samples = 9 — Below acceptance = 5
Mean % Recovery = 90 — Above acceptance = 0
Standard Deviation = 4.01 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Copper					
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	0.89	1.0	89.40
15-Apr-88	ND	0.00000	0.89	1.0	89.40
19-Apr-88	ND	0.00000	0.89	1.0	89.00
28-Apr-88	ND	0.00000	0.87	1.0	86.80
28-Apr-88	ND	0.00000	0.42	0.50	84.80
07-Jun-88	ND	0.00000	0.96	1.0	96.00
18-Jun-88	ND	0.00000	0.88	1.0	88.00
18-Jun-88	ND	0.00000	0.94	1.0	93.50

Number of Samples = 8 — Below acceptance = 6
Mean % Recovery = 89 — Above acceptance = 0
Standard Deviation = 3.58 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Iron					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	8.8	10.0	87.60
12-Apr-88	ND	0.00000	9.1	10.0	90.80
15-Apr-88	ND	0.00000	9.1	10.0	90.80
19-Apr-88	ND	0.00000	8.2	10.0	82.00
28-Apr-88	NO	0.00000	4.7	5.0	93.60
28-Apr-88	ND	0.00000	9.1	10.0	91.00
07-Jun-88	ND	0.00000	8.7	10.0	87.00
18-Jun-88	ND	0.00000	8.9	10.0	89.00
18-Jun-88	ND	0.00000	9.1	10.0	91.00

Number of Samples = 9 — Below acceptance = 4
Mean % Recovery = 89 — Above acceptance = 0
Standard Deviation = 3.35 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Lead					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.79	1.0	78.70
12-Apr-88	ND	0.00000	0.88	1.0	87.50
15-Apr-88	ND	0.00000	0.88	1.0	87.50
19-Apr-88	ND	0.00000	0.93	1.0	93.00
28-Apr-88	NO	0.00000	0.94	1.0	94.40
28-Apr-88	ND	0.00000	0.45	0.50	90.20
07-Jun-88	ND	0.00000	1.0	1.0	100.00
18-Jun-88	ND	0.00000	0.93	1.0	93.00
18-Jun-88	ND	0.00000	0.97	1.0	97.00

Number of Samples = 9 — Below acceptance = 3
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 6.24 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Magnesium					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	8.2	10.0	82.30
12-Apr-88	ND	0.00000	8.7	10.0	87.00
15-Apr-88	ND	0.00000	8.7	10.0	87.00
28-Apr-88	ND	0.00000	4.5	5.0	89.60
28-Apr-88	ND	0.00000	8.6	10.0	86.00
07-Jun-88	ND	0.00000	9.0	10.0	90.00
18-Jun-88	ND	0.00000	9.2	10.0	92.00
18-Jun-88	ND	0.00000	9.1	10.0	91.00

Number of Samples = 8 — Below acceptance = 5
Mean % Recovery = 88 — Above acceptance = 0
Standard Deviation = 3.16 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Manganese					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.88	1.0	88.00
12-Apr-88	ND	0.00000	0.93	1.0	92.60
15-Apr-88	ND	0.00000	0.93	1.0	92.60
19-Apr-88	ND	0.00000	0.91	1.0	91.00
28-Apr-88	ND	0.00000	0.91	1.0	90.50
28-Apr-88	ND	0.00000	0.45	0.50	90.80
07-Jun-88	ND	0.00000	0.93	1.0	93.00
18-Jun-88	ND	0.00000	0.94	1.0	93.50
18-Jun-88	ND	0.00000	0.89	1.0	89.00

Number of Samples = 9 — Below acceptance = 2
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 1.87 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements						
Matrix: Solid						
Spiked Analyte = Molybdenum						
Type of Spike = Predigestion Matrix Spike.						
15-Apr-88	ND	0.00000		0.050	1.0	5.00
19-Apr-88	ND	0.00000		0.91	1.0	91.00
28-Apr-88	ND	0.00000		0.89	1.0	88.60

Number of Samples = 3
Mean % Recovery = 61
Standard Deviation = 48.97
Below acceptance = 2
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result		Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements						
Matrix: Solid						
Spiked Analyte = Nickel						
Type of Spike = Predigestion Matrix Spike.						
11-Apr-88	ND	0.00000		0.86	1.0	86.00
12-Apr-88	ND	0.00000		0.92	1.0	91.90
15-Apr-88	ND	0.00000		0.92	1.0	91.90
19-Apr-88	ND	0.00000		0.91	1.0	91.00
28-Apr-88	ND	0.00000		0.44	5.0	8.84
28-Apr-88	ND	0.00000		0.89	1.0	89.40
07-Jun-88	ND	0.00000		0.94	1.0	94.00
18-Jun-88	ND	0.00000	<5X	0.93	1.0	93.00
18-Jun-88	ND	0.00000		0.94	1.0	94.00

Number of Samples = 9
Mean % Recovery = 82
Standard Deviation = 27.63
Below acceptance = 3
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICPES, EPA 200.7 elements
Matrix: Solid
Spiked Analyte = Potassium

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
11-Apr-88	ND	0.00000	8.1	10.0	81.20
12-Apr-88	ND	0.00000	8.4	10.0	84.10
15-Apr-88	ND	0.00000	8.4	10.0	84.10
19-Apr-88	ND	0.00000	8.8	10.0	88.00
28-Apr-88	ND	0.00000	8.2	10.0	82.00
28-Apr-88	ND	0.00000	3.8	5.0	76.20
07-Jun-88	ND	0.00000	8.3	10.0	83.00
18-Jun-88	ND	0.00000	8.0	10.0	80.00
18-Jun-88	ND	0.00000	8.4	10.0	84.00

Number of Samples = 9
Mean % Recovery = 82
Standard Deviation = 3.27

Below acceptance = 9
Above acceptance = 0
Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements
Matrix: Solid
Spiked Analyte = Selenium

Type of Spike = Predigestion Matrix Spike.

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
11-Apr-88	ND	0.00000	0.71	1.0	71.30
12-Apr-88	ND	0.00000	0.96	1.0	96.20
15-Apr-88	ND	0.00000	0.96	1.0	96.20
19-Apr-88	ND	0.00000	1.2	1.0	116.00
28-Apr-88	ND	0.00000	0.91	1.0	91.40
28-Apr-88	ND	0.00000	0.39	0.50	77.40
07-Jun-88	ND	0.00000	1.2	1.0	120.00
18-Jun-88	ND	0.00000	0.91	1.0	91.00
18-Jun-88	ND	0.00000	0.88	1.0	87.70

Number of Samples = 9
Mean % Recovery = 94
Standard Deviation = 15.87

Below acceptance = 3
Above acceptance = 2
Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Silicon					
Type of Spike = Predigestion Matrix Spike.					
15-Apr-88	ND	0.00000	0.30	1.0	30.00
19-Apr-88	ND	0.00000	0.88	1.0	88.00
28-Apr-88	ND	0.00000	0.93	1.0	93.20
18-Jun-88	ND	0.00000	0.91	1.0	91.00

Number of Samples = 4 — Below acceptance = 2
Mean % Recovery = 75 — Above acceptance = 0
Standard Deviation = 30.44 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Silver					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.91	1.0	91.00
12-Apr-88	ND	0.00000	0.91	1.0	91.10
15-Apr-88	ND	0.00000	0.91	1.0	91.10
19-Apr-88	ND	0.00000	0.94	1.0	94.00
28-Apr-88	ND	0.00000	0.94	1.0	94.30
28-Apr-88	ND	0.00000	0.48	0.50	95.20
07-Jun-88	ND	0.00000	0.94	1.0	94.00
18-Jun-88	ND	0.00000	0.91	1.0	91.00
18-Jun-88	ND	0.00000	0.91	1.0	91.00

Number of Samples = 9 — Below acceptance = 0
Mean % Recovery = 92 — Above acceptance = 0
Standard Deviation = 1.79 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Sodium					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	8.9	10.0	89.40
12-Apr-88	ND	0.00000	9.4	10.0	93.50
15-Apr-88	ND	0.00000	9.4	10.0	93.50
19-Apr-88	ND	0.00000	11.3	10.0	113.00
28-Apr-88	ND	0.00000	4.3	5.0	85.80
28-Apr-88	ND	0.00000	11.2	10.0	112.00
07-Jun-88	ND	0.00000	9.1	10.0	91.00
18-Jun-88	ND	0.00000	8.8	10.0	88.00
18-Jun-88	ND	0.00000	8.4	10.0	84.00

Number of Samples = 9 — Below acceptance = 4
Mean % Recovery = 94 — Above acceptance = 2
Standard Deviation = 10.70 — Acceptance Criteria 90.00 - 110.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Thallium					
Type of Spike = Predigestion Matrix Spike.					
12-Apr-88	ND	0.00000	0.84	1.0	83.60
15-Apr-88	ND	0.00000	0.84	1.0	83.60
19-Apr-88	ND	0.00000	1.0	1.0	100.00
28-Apr-88	ND	0.00000	0.54	5.0	10.72
28-Apr-88	ND	0.00000	0.90	1.0	89.90
07-Jun-88	ND	0.00000	0.76	1.0	76.00
18-Jun-88	ND	0.00000	0.87	1.0	87.00
18-Jun-88	ND	0.00000	0.87	1.0	87.00

Number of Samples = 8 — Below acceptance = 7
Mean % Recovery = 77 — Above acceptance = 0
Standard Deviation = 27.71 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Vanadium					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.90	1.0	89.80
12-Apr-88	ND	0.00000	0.98	1.0	97.90
15-Apr-88	ND	0.00000	0.98	1.0	97.90
19-Apr-88	ND	0.00000	0.88	1.0	88.00
28-Apr-88	ND	0.00000	0.92	1.0	92.20
28-Apr-88	ND	0.00000	0.49	0.50	98.20
07-Jun-88	ND	0.00000	0.94	1.0	94.00
18-Jun-88	ND	0.00000	0.94	1.0	93.50

Number of Samples = 8 — Below acceptance = 2
Mean % Recovery = 93 — Above acceptance = 0
Standard Deviation = 3.87 — Acceptance Criteria 90.00 - 110.00

Method: ICPES, EPA 200.7 elements					
Matrix: Solid					
Spiked Analyte = Zinc					
Type of Spike = Predigestion Matrix Spike.					
11-Apr-88	ND	0.00000	0.91	1.0	90.60
12-Apr-88	ND	0.00000	0.95	1.0	94.80
15-Apr-88	ND	0.00000	0.95	1.0	94.80
19-Apr-88	ND	0.00000	0.88	1.0	88.00
28-Apr-88	ND	0.00000	0.91	1.0	90.90
28-Apr-88	ND	0.00000	0.43	0.50	86.20
07-Jun-88	ND	0.00000	0.98	1.0	98.00

Number of Samples = 7 — Below acceptance = 2
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 4.17 — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Nitrate + nitrite					
Matrix: Aqueous					
Spiked Analyte = NO3-NO2-N					
Type of Spike = Analytical.					
02-Mar-88		0.52	0.86	0.40	84.25
07-Mar-88		0.44	0.89	0.40	112.50
Type of Spike = Predigestion Matrix Spike.					
07-Mar-88	ND	0.00000	0.40	0.40	100.00
07-Mar-88		1.3	2.3	0.80	125.00
21-Apr-88	ND	0.020	0.24	0.20	110.00
21-Apr-88	ND	0.020	0.24	0.20	110.00
21-Apr-88	ND	0.10	1.1	1.0	95.00
Number of Samples = 7			Below acceptance = 1		
Mean % Recovery = 105			Above acceptance = 1		
Standard Deviation = 13.30			Acceptance Criteria 85.00 - 115.00		
Method: Nitrate + nitrite					
Matrix: Solid					
Spiked Analyte = NO3-NO2-N					
Type of Spike = Analytical.					
15-Mar-88		1.3	1.9	0.40	132.50
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 132			Above acceptance = 1		
Standard Deviation =			Acceptance Criteria 85.00 - 115.00		

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Nitrate, colorimetric					
Matrix: Aqueous					
Spiked Analyte = NO3					
Type of Spike = Ahalytical.					
08-Mar-88		3.7	5.4	2.0	87.50
Type of Spike = Predigestion Matrix Spike.					
15-Apr-88		0.38	0.98	0.98	61.22
15-Apr-88		0.19	0.45	0.40	65.00
16-Apr-88		0.94	1.1	0.40	45.00
16-Apr-88		1.9	3.2	1.0	130.00

Number of Samples = 5 — Below acceptance = 4
Mean % Recovery = 77 — Above acceptance = 1
Standard Deviation = 32.91 — Acceptance Criteria 99.00 - 101.00

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Orthophosphate					
Matrix: Aqueous					
Spiked Analyte = O-PO4					
Type of Spike = Analytical.					
02-Mar-88	ND	0.00000	0.21	0.20	107.00
09-Apr-88		0.023	0.23	0.21	101.50
Type of Spike = Predigestion Matrix Spike.					
04-Mar-88		0.025	0.24	0.20	107.50
07-Apr-88		0.030	0.23	0.20	100.00
09-Apr-88	ND	0.020	0.21	0.20	96.00
13-Apr-88	ND	0.020	0.20	0.20	89.00
13-Apr-88	<5X	0.046	0.26	0.20	105.50
16-Apr-88		0.020	0.23	0.20	102.50

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 101 — Above acceptance = 0

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Orthophosphate					
Matrix: Aqueous					
Spiked Analyte = O-PO4					
Type of Spike = Predigestion Matrix Spike. continued					
Standard Deviation = 6.22			Acceptance Criteria	85.00 - 115.00	
Method: Orthophosphate					
Matrix: Solid					
Spiked Analyte = O-PO4					
Type of Spike = Analytical.					
02-Mar-88		0.020	0.24	0.20	111.00
Number of Samples = 1			Below acceptance = 0		
Mean % Recovery = 111			Above acceptance = 0		
Standard Deviation =			Acceptance Criteria	85.00 - 115.00	
Method: Lead, graphite AA					
Matrix: Aqueous					
Spiked Analyte = Pb					
Type of Spike = Predigestion Matrix Spike.					
01-Mar-88		0.0020	0.024	0.025	88.00
01-Mar-88		0.0050	0.023	0.020	90.00
01-Mar-88		0.0050	0.016	0.020	55.00
14-Mar-88		0.13	0.14	0.020	40.00
14-Mar-88		0.13	0.14	0.020	80.00
14-Mar-88		0.022	0.037	0.020	75.00
14-Mar-88		0.022	0.037	0.020	75.00
17-Mar-88	ND	0.00000	0.018	0.020	90.00
17-Mar-88		0.0020	0.021	0.020	95.00
17-Mar-88		0.0020	0.021	0.020	95.00
24-Mar-88	ND	0.00000	0.021	0.020	105.00
21-Apr-88	ND	0.00000	0.023	0.020	115.00
21-Apr-88	<5X	0.0080	0.031	0.020	115.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Lead, graphite AA					
Matrix: Aqueous					
Spiked Analyte = Pb					
Type of Spike = Predigestion Matrix Spike. continued					
21-Apr-88	<5X	0.0080	0.028	0.020	100.00
26-Apr-88	ND	0.00000	0.021	0.020	105.00
26-Apr-88	ND	0.020	0.020	0.020	0.00
26-Apr-88	ND	0.020	0.020	0.020	0.00

Number of Samples = 17 Below acceptance = 8
Mean % Recovery = 77 Above acceptance = 2
Standard Deviation = 35.18 Acceptance Criteria 90.00 - 110.00

Method: Lead, graphite AA					
Matrix: Solid					
Spiked Analyte = Pb					
Type of Spike = Analytical.					
15-Feb-88		1.9	3.6	2.5	70.20
15-Feb-88		2.0	10.2	10.0	82.00
25-Feb-88		28.0	51.0	25.0	92.00
Type of Spike = Predigestion Matrix Spike.					
15-Feb-88		2.4	3.9	2.0	77.00
15-Feb-88		2.4	4.3	2.0	96.50
09-Mar-88		0.017	0.034	0.020	85.00
09-Mar-88	ND	0.00000	0.019	0.020	95.00
09-Mar-88		0.017	0.036	0.020	95.00

Number of Samples = 8 Below acceptance = 4
Mean % Recovery = 86 Above acceptance = 0
Standard Deviation = 9.65 Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Selenium, graphite AA					
Matrix: Aqueous					
Spiked Analyte = Se					
Type of Spike = Analytical.					
07-Mar-88		0.0050	0.0057	0.025	2.80
07-Mar-88		0.020	0.011	0.025	36.00
17-Mar-88		0.020	0.034	0.10	14.00
Type of Spike = Predigestion Matrix Spike.					
07-Mar-88		0.0050	0.11	0.20	52.50
07-Mar-88		0.0050	0.0086	0.020	18.00
17-Mar-88		0.0050	0.0050	0.020	0.00
17-Mar-88		0.0050	0.0050	0.020	0.00
17-Mar-88	ND	0.0050	ND 0.050	0.020	225.00
17-Mar-88	ND	0.0050	ND 0.0050	0.020	0.00
21-Mar-88	ND	0.00000	0.017	0.020	85.00
21-Mar-88		0.0050	0.013	0.020	40.00
21-Mar-88		0.0050	0.020	0.025	60.00
21-Mar-88		0.020	0.096	0.10	76.00
21-Mar-88		0.0050	0.012	0.020	35.00
15-Apr-88		0.0030	0.0080	0.020	25.00
15-Apr-88	ND	0.00000	0.023	0.020	115.00
15-Apr-88		0.0030	0.0030	0.020	0.00
15-Apr-88		0.0030	0.0040	0.020	5.00
15-Apr-88		0.0030	0.0030	0.020	0.00
26-Apr-88	ND	0.00000	0.016	0.020	80.00
26-Apr-88	<5X	0.0050	0.022	0.020	85.00
26-Apr-88	<5X	0.0050	0.020	0.020	75.00
27-Apr-88		0.0030	0.023	0.020	100.00
27-Apr-88		0.0030	0.025	0.020	110.00
27-Apr-88	ND	0.00000	0.024	0.020	120.00
27-Apr-88	ND	0.00000	0.024	0.020	120.00
28-Apr-88	ND	0.0030	0.022	0.020	15.00
28-Apr-88	ND	0.00000	0.022	0.020	110.00
28-Apr-88	ND	0.0030	0.022	0.020	95.00

Number of Samples = 29 Below acceptance = 19
Mean % Recovery = 55 Above acceptance = 3

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Selenium, graphite AA					
Matrix: Aqueous					
Spiked Analyte = Se					
Type of Spike = Predigestion Matrix Spike. continued					
Standard Deviation = 57.32			Acceptance Criteria	85.00 - 115.00	
Method: Selenium, graphite AA					
Matrix: Solid					
Spiked Analyte = Se					
Type of Spike = Analytical.					
24-Feb-88		0.29	0.29	2.4	0.00
24-Feb-88		1.2	6.1	9.6	51.04
24-Feb-88		1.2	71.0	98.0	71.22
24-Feb-88		0.29	2.9	24.5	10.65
Type of Spike = Predigestion Matrix Spike.					
24-Feb-88		0.29	0.29	1.9	0.00
24-Feb-88		0.29	0.29	2.0	0.00
24-Feb-88		0.30	2.3	2.0	100.00
24-Feb-88		0.29	0.29	1.9	0.00
24-Feb-88		0.29	0.29	2.0	0.00
24-Feb-88		0.30	0.62	2.0	16.00
24-Feb-88		0.30	0.49	2.0	9.50
09-Mar-88		0.0030	0.0030	0.020	0.00
09-Mar-88		0.0030	0.0030	0.020	0.00
11-Mar-88		0.030	0.030	2.0	0.00
11-Mar-88		0.30	0.30	1.9	0.00
Number of Samples = 15			Below acceptance = 14		
Mean % Recovery = 17			Above acceptance = 0		
Standard Deviation = 31.26			Acceptance Criteria	85.00 - 115.00	

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Sulfate, nephelometry					
Matrix: Aqueous					
Spiked Analyte = SO4					
Type of Spike = Analytical.					
11-Mar-88		8.7	19.9	10.0	111.80
28-Apr-88		13.5	25.0	11.2	115.00
Type of Spike = Predigestion Matrix Spike.					
11-Mar-88		81.0	174.0	100.0	93.00
28-Apr-88		40.0	88.3	40.0	120.70
28-Apr-88	<5X	4.5	14.2	10.0	97.20
02-May-88		62.2	106.0	40.0	109.50

Number of Samples = 6 — Below acceptance = 0
Mean % Recovery = 107 — Above acceptance = 3
Standard Deviation = 10.66 — Acceptance Criteria 90.00 - 110.00

Method: Sulfate, nephelometry					
Matrix: Solid					
Spiked Analyte = SO4					
Type of Spike = Analytical.					
11-Mar-88		39.2	71.2	40.0	80.00

Number of Samples = 1 — Below acceptance = 1
Mean % Recovery = 80 — Above acceptance = 0
Standard Deviation = — Acceptance Criteria 90.00 - 110.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Xylenes, EPA 602					
Matrix: Aqueous					
Spiked Analyte = a,a,a-Trifluorotoluene					
Type of Spike = Surrogate - Reg. Sample.					
25-Feb-88	ND	0.00000	107.0	100.0	107.00
25-Feb-88	ND	0.00000	109.0	100.0	109.00
25-Feb-88	ND	0.00000	105.0	100.0	105.00
26-Feb-88	ND	0.00000	117.0	100.0	117.00
29-Feb-88	ND	0.00000	110.0	100.0	110.00
01-Mar-88	ND	0.00000	99.0	100.0	99.00
01-Mar-88	ND	0.00000	95.0	100.0	95.00
01-Mar-88	ND	0.00000	108.0	100.0	108.00
01-Mar-88	ND	0.00000	105.0	100.0	105.00
01-Mar-88	ND	0.00000	101.0	100.0	101.00
01-Mar-88	ND	0.00000	104.0	100.0	104.00
01-Mar-88	ND	0.00000	110.0	100.0	110.00
01-Mar-88	ND	0.00000	106.0	100.0	106.00
01-Mar-88	ND	0.00000	97.0	100.0	97.00
02-Mar-88	ND	0.00000	110.0	100.0	110.00
02-Mar-88	ND	0.00000	109.0	100.0	109.00
02-Mar-88	ND	0.00000	107.0	100.0	107.00
02-Mar-88	ND	0.00000	109.0	100.0	109.00
02-Mar-88	ND	0.00000	111.0	100.0	111.00
02-Mar-88	ND	0.00000	108.0	100.0	108.00
02-Mar-88	ND	0.00000	222.0	100.0	222.00
02-Mar-88	ND	0.00000	110.0	100.0	110.00
04-Mar-88	ND	0.00000	164.0	100.0	164.00
04-Mar-88	ND	0.00000	113.0	100.0	113.00
04-Mar-88	ND	0.00000	108.0	100.0	108.00
04-Mar-88	ND	0.00000	102.0	100.0	102.00
04-Mar-88	ND	0.00000	106.0	100.0	106.00
04-Mar-88	ND	0.00000	172.0	100.0	172.00
04-Mar-88	ND	0.00000	152.0	100.0	152.00
04-Mar-88	ND	0.00000	173.0	100.0	173.00
04-Mar-88	ND	0.00000	106.0	100.0	106.00
05-Mar-88	ND	0.00000	90.0	100.0	90.00
05-Mar-88	ND	0.00000	140.0	100.0	140.00
05-Mar-88	ND	0.00000	91.0	100.0	91.00
05-Mar-88	ND	0.00000	123.0	100.0	123.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Xylenes, EPA 602					
Matrix: Aqueous					
Spiked Analyte = a,a,a-Trifluorotoluene					
Type of Spike = Surrogate - Reg. Sample. continued					
05-Mar-88	ND	0.00000	91.0	100.0	91.00
05-Mar-88	ND	0.00000	89.0	100.0	89.00
10-Mar-88	ND	0.00000	93.0	100.0	93.00
10-Mar-88	ND	0.00000	104.0	100.0	104.00
10-Mar-88	ND	0.00000	101.0	100.0	101.00
10-Mar-88	ND	0.00000	99.0	100.0	99.00
10-Mar-88	ND	0.00000	106.0	100.0	106.00
10-Mar-88	ND	0.00000	104.0	100.0	104.00
10-Mar-88	ND	0.00000	104.0	100.0	104.00
11-Mar-88	ND	0.00000	101.0	100.0	101.00
11-Mar-88	ND	0.00000	99.0	100.0	99.00
11-Mar-88	ND	0.00000	106.0	100.0	106.00
11-Mar-88	ND	0.00000	102.0	100.0	102.00
11-Mar-88	ND	0.00000	112.0	100.0	112.00
11-Mar-88	ND	0.00000	98.0	100.0	98.00
11-Mar-88	ND	0.00000	103.0	100.0	103.00
11-Mar-88	ND	0.00000	105.0	100.0	105.00
11-Mar-88	ND	0.00000	102.0	100.0	102.00
11-Mar-88	ND	0.00000	108.0	100.0	108.00
12-Mar-88	ND	0.00000	105.0	100.0	105.00
12-Mar-88	ND	0.00000	105.0	100.0	105.00
12-Mar-88	ND	0.00000	107.0	100.0	107.00
12-Mar-88	ND	0.00000	106.0	100.0	106.00
06-Apr-88	ND	0.00000	95.0	100.0	95.00
07-Apr-88	ND	0.00000	95.0	100.0	95.00
07-Apr-88	ND	0.00000	95.0	100.0	95.00
07-Apr-88	ND	0.00000	92.0	100.0	92.00
07-Apr-88	ND	0.00000	90.0	100.0	90.00
07-Apr-88	ND	0.00000	99.0	100.0	99.00
07-Apr-88	ND	0.00000	99.0	100.0	99.00
07-Apr-88	ND	0.00000	97.0	100.0	97.00
07-Apr-88	ND	0.00000	96.0	100.0	96.00
07-Apr-88	ND	0.00000	94.0	100.0	94.00
08-Apr-88	ND	0.00000	91.0	100.0	91.00
08-Apr-88	ND	0.00000	94.0	100.0	94.00
08-Apr-88	ND	0.00000	98.0	100.0	98.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Xylenes, EPA 602
Matrix: Aqueous
Spiked Analyte = a,a,a-Trifluorotoluene
Type of Spike = Surrogate - Reg. Sample. continued

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
08-Apr-88	ND	0.00000	95.0	100.0	95.00
08-Apr-88	ND	0.00000	88.0	100.0	88.00
08-Apr-88	ND	0.00000	93.0	100.0	93.00
08-Apr-88	ND	0.00000	98.0	100.0	98.00
08-Apr-88	ND	0.00000	96.0	100.0	96.00
11-Apr-88	ND	0.00000	98.0	100.0	98.00
11-Apr-88	ND	0.00000	96.0	100.0	96.00
11-Apr-88	ND	0.00000	105.0	100.0	105.00
11-Apr-88	ND	0.00000	116.0	100.0	116.00
11-Apr-88	ND	0.00000	102.0	100.0	102.00
11-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	91.0	100.0	91.00
12-Apr-88	ND	0.00000	100.0	100.0	100.00
12-Apr-88	ND	0.00000	95.0	100.0	95.00
12-Apr-88	ND	0.00000	97.0	100.0	97.00
12-Apr-88	ND	0.00000	94.0	100.0	94.00
12-Apr-88	ND	0.00000	96.0	100.0	96.00
12-Apr-88	ND	0.00000	95.0	100.0	95.00
12-Apr-88	ND	0.00000	93.0	100.0	93.00
13-Apr-88	ND	0.00000	98.0	100.0	98.00
15-Apr-88	ND	0.00000	106.0	100.0	106.00
15-Apr-88	ND	0.00000	100.0	100.0	100.00
15-Apr-88	ND	0.00000	103.0	100.0	103.00
15-Apr-88	ND	0.00000	102.0	100.0	102.00
15-Apr-88	ND	0.00000	103.0	100.0	103.00
15-Apr-88	ND	0.00000	107.0	100.0	107.00
15-Apr-88	ND	0.00000	104.0	100.0	104.00
15-Apr-88	ND	0.00000	105.0	100.0	105.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
18-Apr-88	ND	0.00000	97.0	100.0	97.00
18-Apr-88	ND	0.00000	100.0	100.0	100.00
18-Apr-88	ND	0.00000	101.0	100.0	101.00
18-Apr-88	ND	0.00000	98.0	100.0	98.00
18-Apr-88	ND	0.00000	96.0	100.0	96.00

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Xylenes, EPA 602
Matrix: Aqueous
Spiked Analyte = a,a,a-Trifluorotoluene
Type of Spike = Surrogate - Reg. Sample. continued

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
18-Apr-88	ND	0.00000	99.0	100.0	99.00
18-Apr-88	ND	0.00000	98.0	100.0	98.00
18-Apr-88	ND	0.00000	95.0	100.0	95.00
18-Apr-88	ND	0.00000	99.0	100.0	99.00
18-Apr-88	ND	0.00000	95.0	100.0	95.00
19-Apr-88	ND	0.00000	98.0	100.0	98.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	135.0	100.0	135.00
19-Apr-88	ND	0.00000	98.0	100.0	98.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	102.0	100.0	102.00
19-Apr-88	ND	0.00000	115.0	100.0	115.00
19-Apr-88	ND	0.00000	100.0	100.0	100.00
19-Apr-88	ND	0.00000	99.0	100.0	99.00
19-Apr-88	ND	0.00000	193.0	100.0	193.00
19-Apr-88	ND	0.00000	92.0	100.0	92.00
20-Apr-88	ND	0.00000	98.0	100.0	98.00
20-Apr-88	ND	0.00000	110.0	100.0	110.00
20-Apr-88	ND	0.00000	102.0	100.0	102.00
20-Apr-88	ND	0.00000	158.0	100.0	158.00
20-Apr-88	ND	0.00000	135.0	100.0	135.00
20-Apr-88	ND	0.00000	3000.0	100.0	3000.00
20-Apr-88	ND	0.00000	100.0	100.0	100.00
20-Apr-88	ND	0.00000	1180.0	100.0	1180.00
20-Apr-88	ND	0.00000	133.0	100.0	133.00
21-Apr-88	ND	0.00000	101.0	100.0	101.00
21-Apr-88	ND	0.00000	100.0	100.0	100.00
21-Apr-88	ND	0.00000	97.0	100.0	97.00
21-Apr-88	ND	0.00000	96.0	100.0	96.00
21-Apr-88	ND	0.00000	85.0	100.0	85.00

Number of Samples = 138
Mean % Recovery = 134
Standard Deviation = 262.87

Below acceptance = 0
Above acceptance = 13
Acceptance Criteria 68.10 - 129.30

NC: Not Calculable

TABLE G-6. DETAILED LISTING OF MATRIX SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Xylenes, EPA 602					
Matrix: Aqueous					
Spiked Analyte = a,a,a-Trifluorotoluene					
Type of Spike = Surrogate - Reg. Sample. continued					

NC: Not Calculable

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TABLE G-7. SUMMARY OF SURROGATE SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF SURROGATE SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Chlorinated Phenoxy Herb. 509B Method						
2,4-Dichlorophenyl Acetic Acid Surrogate - Reg. Sample	4	27.5	31.75426	2	0	50.0 - 150.0
2,4-Dichlorophenyl Acetic Acid Predigestion Matrix Spike	24	76.2	37.66197	4	0	50.0 - 150.0
2,4-Dichlorophenyl Acetic Acid	8	95.5	24.62867	0	0	50.0 - 150.0
Phenols (604)						
Surrogate - Reg. Sample						
2-Fluorophenol	22	67.3	23.56992	1	2	21.0 - 100.0
2-fluorophenel	3	89.0	19.31321	0	1	21.0 - 100.0
Predigestion Matrix Spike						
2-Fluorophenol	8	60.8	6.15862	0	0	21.0 - 100.0
Organochlorine Pest & PCB E608						
Surrogate - Reg. Sample						
Dibutylchloroendate	13	54.1	32.02463	1	0	24.0 - 154.0
Predigestion Matrix Spike						
Dibutylchloroendate	3	55.3	4.50925	0	0	24.0 - 154.0
Volatile Halocarbons (8240)						
Surrogate - Reg. Sample						
1,2-dichloroethane-d4	3	89.0	3.00000	0	0	76.0 - 114.0
BFB	3	101.0	3.46410	0	0	86.0 - 115.0
Toluene-d8	3	99.7	.57735	0	0	88.0 - 110.0
Base/Neutrals & Acids (CL625) Method						

- DRAFT -

TABLE G-7. SUMMARY OF SURROGATE SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF SURROGATE SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
2,4,6-tribromophenol	2	100.0	.00000	0	0	10.0 - 123.0
2-Fluorophenol	1	84.0		0	0	21.0 - 100.0
2-fluorobiphenyl	2	94.0	.00000	0	0	43.0 - 116.0
2-fluorophenol	1	84.0		0	0	21.0 - 100.0
d14-terphenyl	2	102.0	.00000	0	0	33.0 - 141.0
d5-nitrobenzene	2	98.0	.00000	0	2	10.0 - 94.0
d5-phenol	2	87.0	.00000	0	0	10.0 - 94.0
Surrogate - Reg. Sample						
2,4,6-tribromophenol	31	67.8	27.18521	2	0	10.0 - 123.0
2-Fluorophenol	16	71.6	19.47980	1	0	21.0 - 100.0
2-fluorobiphenyl	31	77.1	11.64576	0	0	43.0 - 116.0
2-fluorophenol	15	67.1	19.55895	1	0	21.0 - 100.0
d14-terphenyl	31	88.6	22.78823	0	0	33.0 - 141.0
d5-nitrobenzene	31	87.3	13.70880	0	12	10.0 - 94.0
d5-phenol	31	70.1	15.82770	0	0	10.0 - 94.0
Predigestion Matrix Spike						
2,4,6-tribromophenol	4	90.5	7.50555	0	0	10.0 - 123.0
2-Fluorophenol	2	76.0	1.41421	0	0	21.0 - 100.0
2-fluorobiphenyl	4	82.5	2.88675	0	0	43.0 - 116.0
2-fluorophenol	2	76.0	1.41421	0	0	21.0 - 100.0
d14-terphenyl	4	79.0	.00000	0	0	33.0 - 141.0
d5-nitrobenzene	4	88.5	1.73205	0	0	10.0 - 94.0
d5-phenol	4	83.0	6.92820	0	0	10.0 - 94.0
EPA method 601						
Surrogate - Reg. Sample						
1-Bromo-4-fluorobenzene	137	102.0	8.14290	0	1	76.0 - 124.0
Bromochloromethane	137	102.4	7.38664	0	0	70.0 - 129.0
Predigestion Matrix Spike						
Carbon tetrachloride	1	103.8		0	0	43.0 - 143.0

- DRAFT -

TABLE G-7. SUMMARY OF SURROGATE SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF SURROGATE SPIKE RESULTS FOR MATRIX = AQUEOUS

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
EPA method 602						
Surrogate - Reg. Sample						
a,a,a-Trifluorotoluene	138	133.6	263.08417	1	12	68.1 - 129.3
Xylenes, EPA 602						
Surrogate - Reg. Sample						
a,a,a-Trifluorotoluene	138	134.4	262.87862	0	13	68.1 - 129.3

- DRAFT -

TABLE G-7. SUMMARY OF SURROGATE SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF SURROGATE SPIKE RESULTS FOR MATRIX = SOLID

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
Organochlorine Pest & PCB 8080						
Surrogate - Reg. Sample						
Dibutylchloroendate	16	113.6	16.22742	0	0	20.0 - 150.0
Predigestion Matrix Spike						
Dibutylchloroendate	4	114.8	9.81071	0	0	20.0 - 150.0
Chlorinated Herbicides (8150)						
Surrogate - Reg. Sample						
2,4-Dichlorophenyl Acetic Acid	10	147.3	67.69384	0	2	50.0 - 150.0
2,4-Dichlorophenyl acetic	10	147.3	67.69384	0	2	50.0 - 150.0
Predigestion Matrix Spike						
2,4-Dichlorophenyl Acetic Acid	4	116.5	105.50671	2	2	50.0 - 150.0
2,4-Dichlorophenyl acetic	4	116.5	105.50671	2	2	50.0 - 150.0
Volatile Halocarbons (8240)						
Surrogate - Reg. Sample						
1,2-dichloroethane-d4	84	92.8	8.96064	1	0	70.0 - 121.0
BFB	84	102.5	6.76539	0	0	74.0 - 121.0
Toluene-d8	84	102.2	5.66881	1	7	88.0 - 110.0
Predigestion Matrix Spike						
1,2-dichloroethane-d4	11	93.6	3.66804	0	0	70.0 - 121.0
BFB	11	100.7	4.33799	0	0	74.0 - 121.0
Toluene-d8	11	101.3	3.82337	0	0	88.0 - 110.0
Semivolatile Organics (8270)						
Surrogate - Reg. Sample						
2,4,6-tribromophenol	71	76.9	13.37668	0	0	19.0 - 122.0
2-fluorobiphenyl	71	78.8	10.77457	0	0	30.0 - 115.0
2-fluorophenol	71	76.7	13.28473	0	0	25.0 - 121.0

- D R A F T -

TABLE G-7. SUMMARY OF SURROGATE SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF SURROGATE SPIKE RESULTS FOR MATRIX = SOLID

Parameter	Number of Samples	Mean % Recovery	Standard Deviation	Number Below Acceptance Limits	Number Above Acceptance Limits	(Matrix) Acceptance Criteria
d14-terphenyl	71	98.9	24.20055	0	2	18.0 - 137.0
d5-nitrobenzene	71	80.9	14.34548	0	2	23.0 - 120.0
d5-phenol	71	77.0	10.32884	0	0	24.0 - 118.0
Predigestion Matrix Spike						
2,4,6-tribromophenol	8	72.3	15.19163	0	0	19.0 - 122.0
2-fluorobiphenyl	8	74.8	12.34909	0	0	30.0 - 115.0
2-fluorophenol	8	73.5	16.42298	0	0	25.0 - 121.0
d14-terphenyl	8	91.9	15.10381	0	0	18.0 - 137.0
d5-nitrobenzene	8	74.6	11.43850	0	0	23.0 - 120.0
d5-phenol	8	74.3	13.90529	0	0	24.0 - 118.0

- D R A F T -

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TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Chlorinated Phenoxy Herb. 509B				
Field Duplicate				
2,4,5-T	1	ND - ND	NC	NC
2,4,5-TP (Silvex)	1	ND - ND	NC	NC
2,4-D	1	ND - ND	NC	NC
Predigestion Matrix Spike				
2,4,5-T	2	42.0 - 72.0	5.00	10.4
2,4,5-TP (Silvex)	2	48.5 - 79.5	4.74	6.5
2,4-D	2	41.5 - 76.5	10.12	15.0
2,4-Dichlorophenyl Acetic Acid	2	73.0 - 118.0	7.00	5.9
Phenols (604)				
Field Duplicate				
2,4,6-Trichlorophenol	1	ND - ND	NC	NC
2,4-Dichlorophenol	1	ND - ND	NC	NC
2,4-Dimethylphenol	1	ND - ND	NC	NC
2,4-Dinitrophenol	1	ND - ND	NC	NC
2-Chlorophenol	1	ND - ND	NC	NC
2-Methyl-4,6-Dinitrophenol	1	ND - ND	NC	NC
2-Nitrophenol	1	ND - ND	NC	NC
4-Chloro-3-Methylphenol	1	ND - ND	NC	NC
4-Nitrophenol	1	ND - ND	NC	NC
Pentachlorophenol	1	ND - ND	NC	NC
Phenol	1	ND - ND	NC	NC
Predigestion Matrix Spike				
2,4,6-Trichlorophenol	2	72.0 - 119.5	11.54	15.6
2,4-Dichlorophenol	1	70.5 - 70.5	4.95	7.0
2,4-Dimethylphenol	2	64.0 - 67.0	8.25	12.3
2-Chlorophenol	2	61.5 - 68.0	9.34	13.8
2-Fluorophenol	2	59.0 - 62.5	7.76	12.5
2-Methyl-4,6-Dinitrophenol	2	93.0 - 102.5	7.57	7.4
4-Nitrophenol	2	76.0 - 99.0	10.05	13.2
Organochlorine Pest & PCB E608				
Field Duplicate				
4,4'-DDD	1	ND - ND	NC	NC
4,4'-DDE	1	ND - ND	NC	NC
4,4'-DDT	1	ND - ND	NC	NC
Aldrin	1	ND - ND	NC	NC
Chlordane	1	ND - ND	NC	NC
Dieldrin	1	ND - ND	NC	NC

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Endosulfan I	1	ND - ND	NC	NC
Endosulfan II	1	ND - ND	NC	NC
Endosulfan Sulphate	1	ND - ND	NC	NC
Endrin	1	ND - ND	NC	NC
Endrin Aldehyde	1	ND - ND	NC	NC
Endrin Ketone	1	ND - ND	NC	NC
Heptachlor	1	ND - ND	NC	NC
Heptachlor Epoxide	1	ND - ND	NC	NC
Methoxychlor	1	ND - ND	NC	NC
PCB-1016	1	ND - ND	NC	NC
PCB-1221	1	ND - ND	NC	NC
PCB-1232	1	ND - ND	NC	NC
PCB-1242	1	ND - ND	NC	NC
PCB-1248	1	ND - ND	NC	NC
PCB-1254	1	ND - ND	NC	NC
PCB-1260	1	ND - ND	NC	NC
Toxaphene	1	ND - ND	NC	NC
alpha-BHC	1	ND - ND	NC	NC
beta-BHC	1	ND - ND	NC	NC
delta-BHC	1	ND - ND	NC	NC
gamma-BHC (lindane)	1	ND - ND	NC	NC
Predigestion Matrix Spike				
4,4'-DDT	1	55.0 - 55.0	9.90	18.0
Aldrin	1	67.0 - 67.0	33.94	50.7
Dibutylchloroendate	1	57.5 - 57.5	3.54	6.1
Dieldrin	1	106.5 - 106.5	12.02	11.3
Endrin	1	109.0 - 109.0	4.24	3.9
Heptachlor	1	126.0 - 126.0	26.87	21.3
gamma-BHC (lindane)	1	115.0 - 115.0	14.14	12.3
Arsenic, graphite AA				
Predigestion Matrix Spike				
As	17	ND - 0.092	0.00	10.8
Laboratory Duplicate Analysis				
As	2	0.019 - 0.020	0.00	8.5
Base/Neutrals & Acids (CL625)				
Predigestion Matrix Spike				
1,2,4-trichlorobenzene	1	84.0 - 84.0	1.41	1.7
1,4-dichlorobenzene	1	77.5 - 77.5	3.54	4.6
2,4,6-tribromophenol	1	90.5 - 90.5	9.19	10.2
2,4-dinitrotoluene	1	85.5 - 85.5	3.54	4.1

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
2-Fluorophenol	1	76.0 - 76.0	1.41	1.9
2-chlorophenol	1	79.0 - 79.0	7.07	9.0
2-fluorobiphenyl	1	82.5 - 82.5	3.54	4.3
2-fluorophenol	1	76.0 - 76.0	1.41	1.9
4-chloro-3-methylphenol	1	93.5 - 93.5	3.54	3.8
4-nitrophenol	1	87.0 - 87.0	1.41	1.6
acenaphthene	1	95.0 - 95.0	2.83	3.0
d14-terphenyl	1	79.0 - 79.0	0.00	0.0
d5-nitrobenzene	1	88.5 - 88.5	2.12	2.4
d5-phenol	1	83.0 - 83.0	8.49	10.2
n-nitroso-di-n-propylamine	1	91.0 - 91.0	0.00	0.0
pentachlorophenol	1	92.0 - 92.0	11.31	12.3
phenol	1	77.0 - 77.0	1.41	1.8
pyrene	1	72.5 - 72.5	2.12	2.9
Chloride				
Analytical Dup (At Instrument)				
Cl	3	9.9 - 34.5	0.91	3.0
Predigestion Matrix Spike				
Cl	1	23.0 - 23.0	0.00	0.0
Laboratory Duplicate Analysis				
Cl	7	4.4 - 31.0	0.74	2.7
EPA method 601				
Field Duplicate				
1,1,1-Trichloroethane	9	ND - ND	NC	NC
1,1,2,2-Tetrachloroethane	9	ND - ND	NC	NC
1,1,2-Trichloroethane	9	ND - ND	NC	NC
1,1-Dichloroethane	9	ND - ND	NC	NC
1,1-Dichloroethene	9	ND - ND	NC	NC
1,2-Dichlorobenzene	9	ND - ND	NC	NC
1,2-Dichloroethane	9	ND - 3.5	1.70	48.5
1,2-Dichloropropane	9	ND - ND	NC	NC
1,3-Dichlorobenzene	9	ND - ND	NC	NC
1,4-Dichlorobenzene	9	ND - ND	NC	NC
2-Chloroethylvinyl ether	9	ND - ND	NC	NC
Bromodichloromethane	9	ND - ND	NC	NC
Bromoform	9	ND - ND	NC	NC
Bromomethane	9	ND - ND	NC	NC
Carbon tetrachloride	9	ND - ND	NC	NC
Chlorobenzene	9	ND - ND	NC	NC
Chloroethane	9	ND - ND	NC	NC

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means		Pooled SD	Pooled CV
Chloroform	9	ND -	ND	NC	NC
Chloromethane	9	ND -	ND	NC	NC
Dibromochloromethane	9	ND -	ND	NC	NC
Methylene chloride	9	ND -	ND	NC	NC
Tetrachloroethene	9	ND -	42.5	0.42	11.7
Trichloroethene	9	ND -	4200.0	111.80	4.3
Trichlorofluoromethane	9	ND -	ND	NC	NC
Vinyl chloride	9	ND -	ND	NC	NC
trans-1,2-Dichloroethene	9	ND -	900.0	14.14	1.6
trans-1,3-Dichloropropene	9	ND -	ND	NC	NC
Predigestion Matrix Spike					
1,1,1-Trichloroethane	9	1.0 -	1.7	0.06	4.5
1,1,2,2-Tetrachloroethane	1	ND -	ND	NC	NC
1,1,2-Trichloroethane	2	ND -	1.4	0.07	5.2
1,1-Dichloroethane	1	ND -	ND	NC	NC
1,1-Dichloroethene	1	ND -	ND	NC	NC
1,2-Dichlorobenzene	1	ND -	ND	NC	NC
1,2-Dichloroethane	9	1.1 -	1.6	0.07	5.4
1,2-Dichloropropane	1	ND -	ND	NC	NC
1,3-Dichlorobenzene	1	ND -	ND	NC	NC
1,4-Dichlorobenzene	1	ND -	ND	NC	NC
2-Chloroethylvinyl ether	1	ND -	ND	NC	NC
Bromodichloromethane	9	1.9 -	2.5	0.14	6.3
Bromoform	9	2.0 -	3.5	0.19	8.7
Bromomethane	1	ND -	ND	NC	NC
Carbon tetrachloride	9	2.3 -	2.9	0.08	2.9
Chlorobenzene	1	ND -	ND	NC	NC
Chloroethane	1	ND -	ND	NC	NC
Chloroform	9	10.7 -	12.8	0.92	8.0
Chloromethane	1	ND -	ND	NC	NC
Dibromochloromethane	9	0.70 -	4.3	0.38	47.6
Methylene chloride	1	ND -	ND	NC	NC
Tetrachloroethylene	9	1.4 -	2.6	0.05	3.1
Trichloroethene	9	2.0 -	5.3	0.10	2.9
Trichlorofluoromethane	1	ND -	ND	NC	NC
Vinyl chloride	1	ND -	ND	NC	NC
trans-1,2-Dichloroethene	1	ND -	ND	NC	NC
trans-1,3-Dichloropropene	1	ND -	ND	NC	NC

EPA method 602

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
EPA method 602				
Field Duplicate				
1,2-Dichlorobenzene	9	ND - ND	NC	NC
1,3-Dichlorobenzene	9	ND - ND	NC	NC
1,4-Dichlorobenzene	9	ND - ND	NC	NC
Benzene	10	ND - 1850.0	265.27	67.5
Chlorobenzene	9	ND - ND	NC	NC
Ethylbenzene	10	ND - 645.0	72.82	26.2
Toluene	10	ND - 5000.0	569.39	72.4
m-Xylene	1	43.8 - 43.8	2.47	5.7
o-Xylene	1	11.7 - 11.7	0.57	4.8
p-Xylene	1	22.8 - 22.8	1.20	5.3
Predigestion Matrix Spike				
1,2-Dichlorobenzene	1	ND - ND	NC	NC
1,3-Dichlorobenzene	1	ND - ND	NC	NC
1,4-Dichlorobenzene	1	ND - ND	NC	NC
Benzene	10	28.1 - 331.0	5.41	2.9
Chlorobenzene	1	ND - ND	NC	NC
Ethylbenzene	9	9.9 - 11.8	0.23	2.2
Toluene	9	4.7 - 11.5	0.24	2.7
m-Xylene	9	40.1 - 48.0	1.08	2.6
o-Xylene	9	10.4 - 13.3	0.36	3.3
p-Xylene	9	20.1 - 23.9	0.48	2.3
Fluoride, SIE				
Analytical Dup (At Instrument)				
F_SIE	1	0.33 - 0.33	0.00	0.0
Predigestion Matrix Spike				
F_SIE	1	0.25 - 0.25	0.00	0.0
Laboratory Duplicate Analysis				
F_SIE	5	0.23 - 0.32	0.00	1.7
Hydrocarbons, Total				
Laboratory Duplicate Analysis				
HC_IR	3	136.5 - 488.0	86.09	23.4
Mercury, cold vapor				
Field Duplicate				
Mercury	9	ND - 0.00013	0.00	59.4

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Mercury, cold vapor				
Predigestion Matrix Spike				
Mercury	10	ND - 0.0020	0.00	17.4
Laboratory Duplicate Analysis				
Mercury	4	ND - 0.00008	0.00	47.1
ICPES, EPA 200.7 elements				
ICP Serial Dilution				
Aluminum	4	163.0 - 11013.0	285.40	7.0
Antimony	4	0.60 - 19.9	13.46	105.5
Arsenic	4	ND - 0.92	0.40	43.8
Barium	4	1.0 - 50.7	2.83	12.8
Beryllium	4	0.048 - 0.71	0.30	60.4
Boron	4	ND - 1.2	0.30	60.4
Cadmium	4	ND - 1.1	0.81	84.0
Calcium	4	846.0 - 107867.5	1435.99	10.1
Chromium	4	0.50 - 13.9	2.28	32.1
Cobalt	4	0.36 - 6.5	1.81	87.6
Copper	4	0.40 - 5.3	1.95	99.7
Iron	4	792.0 - 15284.0	669.28	7.4
Lead	4	0.67 - 22.4	9.81	82.8
Magnesium	4	45.8 - 2606.5	91.02	10.1
Manganese	4	8.9 - 236.5	3.81	4.5
Molybdenum	4	ND - ND	NC	NC
Nickel	4	0.62 - 12.6	1.66	24.6
Potassium	4	21.1 - 2390.0	31.06	15.8
Selenium	4	ND - 0.85	0.35	41.6
Silicon	4	112.0 - 411.5	6.30	3.5
Silver	4	0.023 - 7.9	6.01	111.8
Sodium	4	ND - 77.5	69.16	130.8
Thallium	4	ND - 23.6	19.62	83.1
Vanadium	4	ND - 30.0	11.58	54.8
Zinc	4	1.8 - 26.4	1.40	15.4
Predigestion Matrix Spike				
Aluminum	18	ND - 12000.0	524.81	7.9
Antimony	19	ND - 104.0	2.03	10.3
Arsenic	16	ND - 145.0	1.41	4.1
Barium	19	ND - 473.5	121.44	26.6
Beryllium	19	ND - 90.1	1.29	1.7
Boron	20	ND - 77.8	2.86	19.8
Cadmium	20	ND - 81.5	1.38	1.9

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Calcium	17	ND - 109400.0	4600.88	30.6
Chromium	19	ND - 125.0	5.70	8.0
Cobalt	19	ND - 93.4	1.44	23.7
Copper	19	ND - 93.3	1.41	19.7
Iron	17	0.024 - 8625.0	126.89	22.6
Lead	19	ND - 217.5	26.48	12.6
Magnesium	19	ND - 3105.0	68.99	5.3
Manganese	19	ND - 345.5	46.01	24.9
Molybdenum	17	ND - 79.5	1.58	2.4
Nickel	19	ND - 87.3	1.30	16.9
Potassium	18	ND - 2145.0	72.04	6.4
Selenium	19	ND - 120.5	9.48	9.1
Silicon	15	ND - 1590.0	22.80	37.5
Silver	22	ND - 91.6	1.32	2.8
Sodium	18	ND - 1050.0	5.58	6.6
Thallium	18	ND - 99.1	1.47	18.8
Vanadium	19	ND - 118.5	1.10	25.6
Zinc	19	ND - 120.0	0.78	40.8
Nitrate + nitrite				
Analytical Dup (At Instrument)				
NO3-NO2-N	2	0.44 - 0.52	0.00	0.0
Laboratory Duplicate Analysis				
NO3-NO2-N	5	ND - 3.8	0.07	61.9
Nitrate, colorimetric				
Laboratory Duplicate Analysis				
NO3	5	0.18 - 4.3	0.02	4.0
Orthophosphate				
Analytical Dup (At Instrument)				
O-PO4	2	0.020 - 0.023	0.00	0.0
Predigestion Matrix Spike				
O-PO4	1	0.030 - 0.030	0.00	0.0
Laboratory Duplicate Analysis				
O-PO4	7	ND - 0.072	0.00	21.1
Lead, graphite AA				
Analytical Dup (At Instrument)				
Pb	1	3.1 - 3.1	0.00	0.0

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = AQUEOUS

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Lead, graphite AA				
Predigestion Matrix Spike				
Pb	8	0.0020 - 0.20	0.02	11.8
Laboratory Duplicate Analysis				
Pb	4	0.015 - 0.57	0.02	6.6
Selenium, graphite AA				
Predigestion Matrix Spike				
Se	17	ND - 0.31	0.04	40.3
Laboratory Duplicate Analysis				
Se	2	ND - 0.0023	0.00	47.1
Sulfate, nephelometry				
Analytical Dup (At Instrument)				
SO4	1	16.9 - 16.9	0.42	2.5
Predigestion Matrix Spike				
SO4	1	13.3 - 13.3	0.28	2.1
Laboratory Duplicate Analysis				
SO4	7	4.5 - 81.0	0.74	3.4
Total dissolved solids				
Analytical Dup (At Instrument)				
TDS	3	442.0 - 1280.0	34.33	3.5
Laboratory Duplicate Analysis				
TDS	8	0.50 - 759.0	14.24	2.2
Xylenes, EPA 602				
Field Duplicate				
m-Xylene	9	ND - 2000.0	424.26	21.2
o-Xylene	9	ND - 1300.0	282.84	21.8
p-Xylene	9	ND - 975.0	176.78	18.1

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = MIXUP

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
ICPES, EPA 200.7 elements				
ICP Serial Dilution				
Aluminum	2	787.0 - 10186.0	49.00	6.2
Antimony	2	ND - 38.3	21.78	56.9
Arsenic	2	ND - 70.1	98.89	141.1
Barium	2	53.3 - 294.5	285.53	97.0
Beryllium	2	ND - 0.30	0.27	89.8
Boron	2	ND - ND	NC	NC
Cadmium	2	ND - 0.89	0.80	89.9
Calcium	2	45328.0 - 93915.0	4237.00	5.6
Chromium	2	6.3 - 15.6	4.82	57.4
Cobalt	2	ND - 0.97	1.36	140.7
Copper	2	3.1 - 4.4	1.92	60.5
Iron	2	2558.0 - 9521.5	324.50	3.4
Lead	2	ND - 12.9	18.23	141.1
Magnesium	2	384.5 - 2360.0	69.91	10.1
Manganese	2	43.7 - 274.5	6.93	6.0
Molybdenum	2	ND - ND	NC	NC
Nickel	2	ND - 3.8	5.42	141.1
Potassium	2	137.8 - 1257.5	85.46	41.8
Selenium	2	ND - 14.6	20.47	140.0
Silicon	2	156.5 - 2433.5	1949.55	126.5
Silver	2	6.1 - 6.3	7.57	121.7
Sodium	2	72.0 - 602.5	606.76	141.4
Thallium	1	ND - ND	NC	NC
Vanadium	2	16.5 - 31.3	13.30	65.9
Zinc	2	4.2 - 18.3	0.99	22.4

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Organochlorine Pest & PCB 8080				
Field Duplicate				
4,4'-DDD	2	ND - ND	NC	NC
4,4'-DDE	2	ND - ND	NC	NC
4,4'-DDT	2	ND - ND	NC	NC
Aldrin	2	ND - ND	NC	NC
Chlordane	2	ND - ND	NC	NC
Dieldrin	2	ND - ND	NC	NC
Endosulfan I	2	ND - ND	NC	NC
Endosulfan II	2	ND - ND	NC	NC
Endosulfan Sulphate	2	ND - ND	NC	NC
Endrin	2	ND - ND	NC	NC
Endrin Aldehyde	2	ND - ND	NC	NC
Endrin Ketone	2	ND - ND	NC	NC
Heptachlor	2	ND - ND	NC	NC
Heptachlor Epoxide	2	ND - ND	NC	NC
Methoxychlor	2	ND - ND	NC	NC
PCB-1016	2	ND - ND	NC	NC
PCB-1221	2	ND - ND	NC	NC
PCB-1232	2	ND - ND	NC	NC
PCB-1242	2	ND - ND	NC	NC
PCB-1248	2	ND - ND	NC	NC
PCB-1254	2	ND - ND	NC	NC
PCB-1260	2	ND - ND	NC	NC
Toxaphene	2	ND - ND	NC	NC
alpha-BHC	2	ND - ND	NC	NC
beta-BHC	2	ND - ND	NC	NC
delta-BHC	2	ND - ND	NC	NC
gamma-BHC (lindane)	2	ND - ND	NC	NC
Predigestion Matrix Spike				
4,4'-DDT	2	84.5 - 133.5	8.51	10.1
Aldrin	2	88.0 - 89.5	5.22	5.9
Dibutylchloroendate	2	114.5 - 115.0	12.01	10.4
Dieldrin	2	90.0 - 113.5	5.41	5.2
Endrin	2	103.0 - 115.5	2.06	2.0
Heptachlor	2	88.0 - 89.0	2.00	2.2
aldrin	2	88.0 - 89.5	5.22	5.9
dieldrin	2	90.0 - 113.5	5.41	5.2
endrin	2	103.0 - 115.5	2.06	2.0
gamma-BHC (lindane)	2	89.5 - 98.0	3.91	4.1
heptachlor epoxide	2	88.0 - 89.0	2.00	2.2

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means		Pooled SD	Pooled CV
Chlorinated Herbicides (8150)					
Field Duplicate					
2,4,5-T	1	ND -	ND	NC	NC
2,4,5-TP (Silvex)	1	ND -	ND	NC	NC
2,4-D	1	ND -	ND	NC	NC
Predigestion Matrix Spike					
2,4,5-T	2	22.0 -	68.0	33.30	106.5
2,4,5-TP (Silvex)	2	50.5 -	60.5	26.50	52.5
2,4-D	1	59.0 -	59.0	21.21	36.0
2,4-Dichlorophenyl Acetic Acid	2	29.0 -	204.0	37.22	22.8
2,4-Dichlorophenyl acetic	2	29.0 -	204.0	37.22	22.8
Arsenic, graphite AA					
Analytical Dup (At Instrument)					
As	4	0.056 -	0.52	0.01	3.6
Predigestion Matrix Spike					
As	18	0.0065 -	9.4	0.24	10.9
Volatile Halocarbons (8240)					
Field Duplicate					
1,1,1-trichloroethane	7	ND -	ND	NC	NC
1,1,2,2-tetrachloroethane	7	ND -	ND	NC	NC
1,1,2-trichloroethane	7	ND -	ND	NC	NC
1,1-dichloroethane	7	ND -	ND	NC	NC
1,1-dichloroethene	7	ND -	ND	NC	NC
1,2-dichloroethane	7	ND -	ND	NC	NC
1,2-dichloroethene (total)	7	ND -	ND	NC	NC
1,2-dichloropropane	7	ND -	ND	NC	NC
2-butanone	7	ND -	5900.0	565.69	10.9
2-chloroethylvinyl ether	5	ND -	ND	NC	NC
2-hexanone	7	ND -	ND	NC	NC
4-methyl-2-pentanone	7	ND -	2180.0	1970.00	90.6
Benzene	7	ND -	ND	NC	NC
Ethylbenzene	7	ND -	4200.0	848.53	20.2
Toluene	7	ND -	8150.0	491.60	41.8
Trichloroethene	7	ND -	ND	NC	NC
acetone	7	ND -	3300.0	405.33	68.1
bromodichloromethane	7	ND -	ND	NC	NC
bromoform	7	ND -	ND	NC	NC
bromomethane	7	ND -	ND	NC	NC
carbon disulfide	7	ND -	ND	NC	NC

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means		Pooled SD	Pooled CV
carbon tetrachloride	7	ND -	ND	NC	NC
chlorobenzene	7	ND -	ND	NC	NC
chloroethane	7	ND -	ND	NC	NC
chloroform	7	ND -	ND	NC	NC
chloromethane	7	ND -	ND	NC	NC
cis-1,3-dichloropropene	7	ND -	ND	NC	NC
dibromochloromethane	7	ND -	ND	NC	NC
methylene chloride	7	ND -	69.0	41.97	102.7
styrene	7	ND -	ND	NC	NC
tetrachloroethene	7	ND -	ND	NC	NC
total xylenes	7	ND -	27000.0	5656.85	21.0
trans-1,2-Dichloroethene	5	ND -	ND	NC	NC
trans-1,3-Dichloropropene	7	ND -	ND	NC	NC
trichlorofluoromethane	5	ND -	ND	NC	NC
vinyl acetate	7	ND -	ND	NC	NC
vinyl chloride	7	ND -	ND	NC	NC
Predigestion Matrix Spike					
1,1-dichloroethene	5	74.0 -	115.0	4.62	4.3
1,2-dichloroethane-d4	5	90.5 -	96.0	3.02	3.2
BFB	5	97.0 -	107.5	1.58	1.5
Toluene-d8	5	98.0 -	108.5	1.18	1.1
benzene	5	79.0 -	115.0	3.77	3.6
chlorobenzene	5	87.5 -	115.0	4.82	4.9
toluene	5	53.0 -	105.0	6.65	7.4
trichloroethene	5	85.5 -	91.5	3.52	4.0
Semivolatile Organics (8270)					
Field Duplicate					
1,2,4-trichlorobenzene	5	ND -	ND	NC	NC
1,2-dichlorobenzene	5	ND -	ND	NC	NC
1,3-dichlorobenzene	5	ND -	ND	NC	NC
1,4-dichlorobenzene	5	ND -	ND	NC	NC
2,4,5-trichlorophenol	5	ND -	ND	NC	NC
2,4,6-Trichlorophenol	5	ND -	ND	NC	NC
2,4-Dichlorophenol	5	ND -	ND	NC	NC
2,4-Dimethylphenol	5	ND -	ND	NC	NC
2,4-Dinitrophenol	5	ND -	ND	NC	NC
2,4-dinitrotoluene	5	ND -	ND	NC	NC
2,6-dinitrotoluene	5	ND -	ND	NC	NC
2-Chlorophenol	5	ND -	ND	NC	NC
2-Nitrophenol	5	ND -	ND	NC	NC
2-chloronaphthalene	5	ND -	ND	NC	NC

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
2-methylnaphthalene	5	ND - 4400.0	400.00	9.1
2-methylphenol	5	ND - ND	NC	NC
2-nitroaniline	5	ND - ND	NC	NC
3,3'-dichlorobenzidine	5	ND - ND	NC	NC
3-nitroaniline	5	ND - ND	NC	NC
4,6-dinitro-2-methylphenol	5	ND - ND	NC	NC
4-Chloro-3-Methylphenol	5	ND - ND	NC	NC
4-Nitrophenol	5	ND - ND	NC	NC
4-bromophenyl-phenylether	5	ND - ND	NC	NC
4-chloroaniline	5	ND - ND	NC	NC
4-chlorophenyl-phenylether	5	ND - ND	NC	NC
4-methylphenol	5	ND - 1180.0	338.38	32.0
4-nitroaniline	5	ND - ND	NC	NC
Pentachlorophenol	5	ND - ND	NC	NC
Phenol	5	ND - 345.0	47.43	29.4
acenaphthene	5	ND - ND	NC	NC
acenaphthylene	5	ND - ND	NC	NC
aniline	3	ND - ND	NC	NC
anthracene	5	ND - 99.5	14.85	14.9
benzidine	3	ND - ND	NC	NC
benzo(a)anthracene	5	ND - 370.0	56.57	15.3
benzo(a)pyrene	5	ND - 700.0	56.57	8.1
benzo(b)fluoranthene	5	ND - 615.0	63.64	10.3
benzo(g,h,i)perylene	5	ND - 400.0	113.14	28.3
benzo(k)fluoranthene	5	ND - 330.0	311.13	94.3
benzoic acid	5	ND - 215.0	49.50	23.0
benzyl alcohol	5	ND - ND	NC	NC
bis(2-chloroethoxy)methane	5	ND - ND	NC	NC
bis(2-chloroethyl)ether	5	ND - ND	NC	NC
bis(2-chloroisopropyl)ether	5	ND - ND	NC	NC
bis(2-ethylhexyl)phthalate	5	ND - 1450.0	79.21	21.6
butylbenzylphthalate	5	ND - 260.0	212.13	81.6
chrysene	5	ND - 555.0	21.21	3.8
di-n-butylphthalate	5	ND - 445.0	146.23	44.2
di-n-octyl phthalate	5	ND - 160.0	73.53	50.2
dibenz(a,h)anthracene	5	ND - ND	NC	NC
dibenzofuran	5	ND - ND	NC	NC
diethylphthalate	5	ND - ND	NC	NC
dimethyl phthalate	5	ND - ND	NC	NC
fluoranthene	5	ND - 1065.0	190.92	17.9
fluorene	5	ND - ND	NC	NC
hexachlorobenzene	5	ND - ND	NC	NC

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
hexachlorobutadiene	5	ND - ND	NC	NC
hexachlorocyclopentadiene	5	ND - ND	NC	NC
hexachloroethane	5	ND - ND	NC	NC
indeno(1,2,3-cd)pyrene	5	ND - 370.0	113.14	30.6
isophorone	5	ND - ND	NC	NC
n-nitroso-di-n-propylamine	5	ND - ND	NC	NC
n-nitrosodimethylamine	3	ND - ND	NC	NC
n-nitrosodiphenylamine (1)	5	ND - ND	NC	NC
naphthalene	5	ND - 2400.0	424.26	17.7
nitrobenzene	5	ND - ND	NC	NC
phenanthrene	5	ND - 325.0	63.64	19.6
pyrene	5	ND - 760.0	113.14	14.9
Predigestion Matrix Spike				
1,2,4-trichlorobenzene	3	69.5 - 88.0	2.77	3.3
1,4-dichlorobenzene	3	47.5 - 84.5	11.24	23.4
2,4,6-tribromophenol	3	59.5 - 93.0	1.68	2.6
2,4-dinitrotoluene	3	73.0 - 93.0	4.40	5.9
2-chlorophenol	3	65.0 - 93.0	23.28	25.4
2-fluorobiphenyl	3	63.5 - 90.5	2.42	3.0
2-fluorophenol	3	60.0 - 97.0	2.74	3.2
4-chloro-3-methylphenol	3	73.5 - 89.0	2.24	3.0
4-nitrophenol	3	81.0 - 100.5	9.18	11.2
acenaphthene	3	75.5 - 94.0	2.61	3.3
d14-terphenyl	3	97.0 - 101.5	3.85	3.9
d5-nitrobenzene	3	64.0 - 89.0	2.58	3.0
d5-phenol	3	63.0 - 95.0	1.68	2.5
n-nitroso-di-n-propylamine	3	63.5 - 105.5	3.14	3.4
pentachlorophenol	3	55.5 - 85.5	4.80	7.6
phenol	3	54.5 - 93.0	11.02	20.2
pyrene	3	40.0 - 47.0	2.61	6.1
Chloride				
Analytical Dup (At Instrument)				
Cl	2	0.24 - 18.3	0.95	6.7
Predigestion Matrix Spike				
Cl	2	27.0 - 47.0	0.00	0.0
Fluoride, SIE				
Analytical Dup (At Instrument)				
F_SIE	2	0.33 - 0.40	0.02	5.8

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Hydrocarbons, Total				
Analytical Dup (At Instrument)				
HC	3	666.0 - 3365.0	159.27	6.7
HC_IR	2	0.20 - 4.0	0.00	0.0
Mercury, cold vapor				
Field Duplicate				
Mercury	2	ND - ND	NC	NC
Predigestion Matrix Spike				
Mercury	9	0.00010 - 0.49	0.01	3.4
ICPES, EPA 200.7 elements				
ICP Serial Dilution				
Aluminum	3	982.0 - 5390.0	1760.64	70.5
Antimony	3	ND - 19.9	10.42	110.9
Arsenic	3	ND - ND	NC	NC
Barium	3	3.6 - 50.7	1.61	19.8
Beryllium	3	ND - 0.54	0.42	84.9
Boron	3	ND - ND	NC	NC
Cadmium	2	ND - 1.1	1.14	101.1
Calcium	3	36.2 - 27850.0	618.91	74.1
Chromium	3	ND - 10.5	3.07	43.6
Cobalt	3	ND - 6.5	2.41	73.5
Copper	3	ND - 2.6	2.76	140.9
Iron	3	2337.5 - 11800.0	268.80	4.0
Lead	3	ND - 22.4	13.13	61.6
Magnesium	3	90.8 - 966.0	32.33	10.6
Manganese	3	22.4 - 236.5	3.77	2.9
Molybdenum	3	ND - ND	NC	NC
Nickel	3	ND - 9.0	1.96	33.1
Potassium	3	96.5 - 691.5	38.77	28.0
Selenium	3	ND - ND	NC	NC
Silicon	3	271.5 - 1472.0	980.62	66.6
Silver	3	2.2 - 7.9	6.68	119.4
Sodium	3	ND - 33.9	39.19	141.2
Thallium	3	ND - 23.6	19.62	83.1
Vanadium	3	ND - 30.0	12.25	59.2
Zinc	3	1.3 - 18.2	1.89	83.1
Predigestion Matrix Spike				
Aluminum	30	0.20 - 14300.0	581.63	9.5
Antimony	30	0.063 - 106.4	3.57	21.7

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Arsenic	29	ND - 103.0	9.47	20.9
Barium	28	0.042 - 257.5	37.71	15.9
Beryllium	29	0.0010 - 93.9	1.12	12.2
Boron	31	ND - 79.6	3.25	4.6
Cadmium	29	0.0030 - 91.7	1.11	19.7
Calcium	31	0.92 - 257500.0	16516.96	23.4
Chromium	29	0.0090 - 109.0	1.46	7.2
Cobalt	29	0.010 - 90.5	1.16	29.4
Copper	29	0.010 - 95.4	1.15	10.6
Iron	29	0.68 - 14700.0	804.00	7.7
Lead	29	0.055 - 101.5	7.44	29.4
Magnesium	29	5.1 - 2757.0	67.85	4.4
Manganese	27	0.015 - 377.0	19.88	10.8
Molybdenum	27	ND - 87.5	1.30	11.7
Nickel	28	0.020 - 96.2	1.51	12.6
Potassium	29	3.2 - 5403.0	1167.39	25.6
Selenium	29	0.26 - 109.0	4.18	13.7
Silicon	28	6.7 - 2041.0	51.32	15.3
Silver	29	ND - 93.7	1.38	15.8
Sodium	29	ND - 1160.0	25.03	28.4
Thallium	27	ND - 865.0	2.46	9.9
Vanadium	28	0.053 - 125.0	1.87	6.7
Zinc	29	0.018 - 14300.0	55.13	24.9
Nitrate + nitrite				
Analytical Dup (At Instrument)				
NO3-NO2-N	1	1.3 - 1.3	0.01	1.1
Nitrate, colorimetric				
Analytical Dup (At Instrument)				
NO3	1	3.6 - 3.6	0.06	1.8
Oil and grease, infrared				
Analytical Dup (At Instrument)				
ONG	2	5.0 - 48.5	3.50	7.2
Orthophosphate				
Analytical Dup (At Instrument)				
O-PO4	3	0.020 - 0.050	0.00	0.0

NC: Not Calculable

TABLE G-8. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = SOLID

Parameter	# of Pairs	Range of Means		Pooled SD	Pooled CV
Lead, graphite AA					
Analytical Dup (At Instrument)					
Pb	2	1.5 -	4.1	0.22	8.2
Predigestion Matrix Spike					
Pb	6	0.035 -	1.5	0.09	16.9
Selenium, graphite AA					
Predigestion Matrix Spike					
Se	14	0.0030 -	0.56	0.09	57.0
Sulfate, nephelometry					
Analytical Dup (At Instrument)					
SO4	3	39.6 -	137.5	6.13	4.5
Total dissolved solids					
Analytical Dup (At Instrument)					
TDS	2	570.5 -	722.0	24.01	3.9

NC: Not Calculable

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TABLE G-9. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR AQUEOUS SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Chlorinated Phenoxy Herb. 509B				
2,4,5-T	3	ND - 72.0	5.0000	10.4
2,4,5-TP (Silvex)	3	ND - 79.5	4.7434	6.5
2,4-D	3	ND - 76.5	10.1242	15.0
2,4-Dichlorophenyl Acetic Acid	2	73.0 - 118.0	7.0000	5.9
Phenols (604)				
2,4,6-Trichlorophenol	3	ND - 119.5	11.5434	15.6
2,4-Dichlorophenol	2	ND - 70.5	4.9497	7.0
2,4-Dimethylphenol	3	ND - 67.0	8.2462	12.3
2,4-Dinitrophenol	1	ND - ND	NC	NC
2-Chlorophenol	3	ND - 68.0	9.3408	13.8
2-Fluorophenol	2	59.0 - 62.5	7.7621	12.5
2-Methyl-4,6-Dinitrophenol	3	ND - 102.5	7.5664	7.4
2-Nitrophenol	1	ND - ND	NC	NC
4-Chloro-3-Methylphenol	1	ND - ND	NC	NC
4-Nitrophenol	3	ND - 99.0	10.0499	13.2
Pentachlorophenol	1	ND - ND	NC	NC
Phenol	1	ND - ND	NC	NC
Organochlorine Pest & PCB E608				
4,4'-DDD	1	ND - ND	NC	NC
4,4'-DDE	1	ND - ND	NC	NC
4,4'-DDT	2	ND - 55.0	9.8995	18.0
Aldrin	2	ND - 67.0	33.9411	50.7
Chlordane	1	ND - ND	NC	NC
Dibutylchloroendate	1	57.5 - 57.5	3.5355	6.1
Dieldrin	2	ND - 106.5	12.0208	11.3
Endosulfan I	1	ND - ND	NC	NC
Endosulfan II	1	ND - ND	NC	NC

NC: Not Calculable

- D R A F T -

TABLE G-9. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR AQUEOUS SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Endosulfan Sulphate	1	ND - ND	NC	NC
Endrin	2	ND - 109.0	4.2426	3.9
Endrin Aldehyde	1	ND - ND	NC	NC
Endrin Ketone	1	ND - ND	NC	NC
Heptachlor	2	ND - 126.0	26.8701	21.3
Heptachlor Epoxide	1	ND - ND	NC	NC
Methoxychlor	1	ND - ND	NC	NC
PCB-1016	1	ND - ND	NC	NC
PCB-1221	1	ND - ND	NC	NC
PCB-1232	1	ND - ND	NC	NC
PCB-1242	1	ND - ND	NC	NC
PCB-1248	1	ND - ND	NC	NC
PCB-1254	1	ND - ND	NC	NC
PCB-1260	1	ND - ND	NC	NC
Toxaphene	1	ND - ND	NC	NC
alpha-BHC	1	ND - ND	NC	NC
beta-BHC	1	ND - ND	NC	NC
delta-BHC	1	ND - ND	NC	NC
gamma-BHC (lindane)	2	ND - 115.0	14.1421	12.3
Arsenic, graphite AA				
As	19	ND - 0.092	0.0042	10.5
Base/Neutrals & Acids (CL625)				
1,2,4-trichlorobenzene	1	84.0 - 84.0	1.4142	1.7
1,4-dichlorobenzene	1	77.5 - 77.5	3.5355	4.6
2,4,6-tribromophenol	1	90.5 - 90.5	9.1924	10.2
2,4-dinitrotoluene	1	85.5 - 85.5	3.5355	4.1
2-Fluorophenol	1	76.0 - 76.0	1.4142	1.9
2-chlorophenol	1	79.0 - 79.0	7.0711	9.0

NC: Not Calculable

- D R A F T -

TABLE G-9. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR AQUEOUS SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
2-fluorobiphenyl	1	82.5 - 82.5	3.5355	4.3
2-fluorophenol	1	76.0 - 76.0	1.4142	1.9
4-chloro-3-methylphenol	1	93.5 - 93.5	3.5355	3.8
4-nitrophenol	1	87.0 - 87.0	1.4142	1.6
acenaphthene	1	95.0 - 95.0	2.8284	3.0
d14-terphenyl	1	79.0 - 79.0	0.0000	0.0
d5-nitrobenzene	1	88.5 - 88.5	2.1213	2.4
d5-phenol	1	83.0 - 83.0	8.4853	10.2
n-nitroso-di-n-propylamine	1	91.0 - 91.0	0.0000	0.0
pentachlorophenol	1	92.0 - 92.0	11.3137	12.3
phenol	1	77.0 - 77.0	1.4142	1.8
pyrene	1	72.5 - 72.5	2.1213	2.9
Chloride				
Cl	11	4.4 - 34.5	0.7598	2.7
EPA method 601				
1,1,1-Trichloroethane	18	ND - 1.7	0.0624	4.5
1,1,2,2-Tetrachloroethane	10	ND - ND	NC	NC
1,1,2-Trichloroethane	11	ND - 1.4	0.0707	5.2
1,1-Dichloroethane	10	ND - ND	NC	NC
1,1-Dichloroethene	10	ND - ND	NC	NC
1,2-Dichlorobenzene	10	ND - ND	NC	NC
1,2-Dichloroethane	18	ND - 3.5	0.5413	16.2
1,2-Dichloropropane	10	ND - ND	NC	NC
1,3-Dichlorobenzene	10	ND - ND	NC	NC
1,4-Dichlorobenzene	10	ND - ND	NC	NC
2-Chloroethylvinyl ether	10	ND - ND	NC	NC
Bromodichloromethane	18	ND - 2.5	0.1374	6.3
Bromoform	18	ND - 3.5	0.1944	8.7
Bromomethane	10	ND - ND	NC	NC

NC: Not Calculable

- D R A F T -

TABLE G-9. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR AQUEOUS SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Carbon tetrachloride	18	ND - 2.9	0.0782	2.9
Chlorobenzene	10	ND - ND	NC	NC
Chloroethane	10	ND - ND	NC	NC
Chloroform	18	ND - 12.8	0.9205	8.0
Chloromethane	10	ND - ND	NC	NC
Dibromochloromethane	18	ND - 4.3	0.3771	47.6
Methylene chloride	10	ND - ND	NC	NC
Tetrachloroethene	9	ND - 42.5	0.4163	11.7
Tetrachloroethylene	9	1.4 - 2.6	0.0471	3.1
Trichloroethene	18	ND - 4200.0	70.7107	3.5
Trichlorofluoromethane	10	ND - ND	NC	NC
Vinyl chloride	10	ND - ND	NC	NC
trans-1,2-Dichloroethene	10	ND - 900.0	14.1421	1.6
trans-1,3-Dichloropropene	10	ND - ND	NC	NC
EPA method 602				
1,2-Dichlorobenzene	10	ND - ND	NC	NC
1,3-Dichlorobenzene	10	ND - ND	NC	NC
1,4-Dichlorobenzene	10	ND - ND	NC	NC
Benzene	20	ND - 1850.0	141.8678	36.2
Chlorobenzene	10	ND - ND	NC	NC
Ethylbenzene	19	ND - 645.0	36.4107	13.2
Toluene	19	ND - 5000.0	340.2756	43.3
m-Xylene	10	40.1 - 48.0	1.2927	3.0
o-Xylene	10	10.4 - 13.3	0.3873	3.5
p-Xylene	10	20.1 - 23.9	0.5954	2.7
Fluoride, SIE				
F_SIE	7	0.23 - 0.33	0.0038	1.4

NC: Not Calculable

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TABLE G-9. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR AQUEOUS SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Hydrocarbons, Total				
HC_IR	3	136.5 - 488.0	86.0949	23.4
Mercury, cold vapor				
Mercury	23	ND - 0.0020	0.0001	32.6
ICPES, EPA 200.7 elements				
Aluminum	24	ND - 12000.0	460.9524	7.6
Antimony	25	ND - 104.0	8.3425	52.3
Arsenic	22	ND - 145.0	28.5762	42.8
Barium	25	ND - 473.5	134.6792	37.4
Beryllium	25	ND - 90.1	1.1259	33.7
Boron	26	ND - 77.8	2.7453	19.0
Cadmium	26	ND - 81.5	1.2947	37.3
Calcium	23	ND - 109400.0	4150.0110	26.3
Chromium	25	ND - 125.0	5.1630	23.1
Cobalt	25	ND - 93.4	1.5159	53.2
Copper	25	ND - 93.3	1.5714	49.2
Iron	23	0.024 - 15284.0	314.5769	19.7
Lead	25	ND - 217.5	23.3749	52.4
Magnesium	25	ND - 3105.0	73.5667	7.0
Manganese	25	ND - 345.5	39.6388	21.6
Molybdenum	23	ND - 79.5	1.5777	2.4
Nickel	25	ND - 87.3	1.8119	36.5
Potassium	24	ND - 2390.0	67.7252	15.6
Selenium	25	ND - 120.5	10.2911	38.6
Silicon	21	ND - 2433.5	616.8040	50.9
Silver	28	ND - 91.6	3.6103	60.2
Sodium	24	ND - 1050.0	193.7967	67.8
Thallium	23	ND - 99.1	5.2626	28.1
Vanadium	25	ND - 118.5	6.0781	36.6

NC: Not Calculable

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TABLE G-9. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR AQUEOUS SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Zinc	25	ND - 120.0	0.9386	36.3
Nitrate + nitrite				
NO3-NO2-N	7	ND - 3.8	0.0575	50.6
Nitrate, colorimetric				
NO3	5	0.18 - 4.3	0.0214	4.0
Orthophosphate				
O-PO4	10	ND - 0.072	0.0025	16.7
Lead, graphite AA				
Pb	13	0.0020 - 3.1	0.0154	9.9
Selenium, graphite AA				
Se	19	ND - 0.31	0.0364	40.8
Sulfate, nephelometry				
SO4	9	4.5 - 81.0	0.6756	3.2
Total dissolved solids				
TDS	11	0.50 - 1280.0	21.6543	2.6
Xylenes, EPA 602				
m-Xylene	9	ND - 2000.0	424.2641	21.2
o-Xylene	9	ND - 1300.0	282.8427	21.8
p-Xylene	9	ND - 975.0	176.7767	18.1

NC: Not Calculable

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TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Organochlorine Pest & PCB 8080				
4,4'-DDD	2	ND - ND	NC	NC
4,4'-DDE	2	ND - ND	NC	NC
4,4'-DDT	4	ND - 133.5	8.5147	10.1
Aldrin	4	ND - 89.5	5.2202	5.9
Chlordane	2	ND - ND	NC	NC
Dibutylchloroendate	2	114.5 - 115.0	12.0104	10.4
Dieldrin	4	ND - 113.5	5.4083	5.2
Endosulfan I	2	ND - ND	NC	NC
Endosulfan II	2	ND - ND	NC	NC
Endosulfan Sulphate	2	ND - ND	NC	NC
Endrin	4	ND - 115.5	2.0616	2.0
Endrin Aldehyde	2	ND - ND	NC	NC
Endrin Ketone	2	ND - ND	NC	NC
Heptachlor	4	ND - 89.0	2.0000	2.2
Heptachlor Epoxide	2	ND - ND	NC	NC
Methoxychlor	2	ND - ND	NC	NC
PCB-1016	2	ND - ND	NC	NC
PCB-1221	2	ND - ND	NC	NC
PCB-1232	2	ND - ND	NC	NC
PCB-1242	2	ND - ND	NC	NC
PCB-1248	2	ND - ND	NC	NC
PCB-1254	2	ND - ND	NC	NC
PCB-1260	2	ND - ND	NC	NC
Toxaphene	2	ND - ND	NC	NC
aldrin	2	88.0 - 89.5	5.2202	5.9
alpha-BHC	2	ND - ND	NC	NC
beta-BHC	2	ND - ND	NC	NC
delta-BHC	2	ND - ND	NC	NC
dieldrin	2	90.0 - 113.5	5.4083	5.2

NC: Not Calculable

- D R A F T -

TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
endrin	2	103.0 - 115.5	2.0616	2.0
gamma-BHC (lindane)	4	ND - 98.0	3.9051	4.1
heptachlor epoxide	2	88.0 - 89.0	2.0000	2.2
Chlorinated Herbicides (8150)				
2,4,5-T	3	ND - 68.0	33.3017	106.5
2,4,5-TP (Silvex)	3	ND - 60.5	26.5047	52.5
2,4-D	2	ND - 59.0	21.2132	36.0
2,4-Dichlorophenyl Acetic Acid	2	29.0 - 204.0	37.2156	22.8
2,4-Dichlorophenyl acetic	2	29.0 - 204.0	37.2156	22.8
Arsenic, graphite AA				
As	22	0.0065 - 9.4	0.2205	10.0
Volatile Halocarbons (8240)				
1,1,1-trichloroethane	7	ND - ND	NC	NC
1,1,2,2-tetrachloroethane	7	ND - ND	NC	NC
1,1,2-trichloroethane	7	ND - ND	NC	NC
1,1-dichloroethane	7	ND - ND	NC	NC
1,1-dichloroethene	12	ND - 115.0	4.6152	4.3
1,2-dichloroethane	7	ND - ND	NC	NC
1,2-dichloroethane-d4	5	90.5 - 96.0	3.0166	3.2
1,2-dichloroethene (total)	7	ND - ND	NC	NC
1,2-dichloropropane	7	ND - ND	NC	NC
2-butanone	7	ND - 5900.0	565.6854	10.9
2-chloroethylvinyl ether	5	ND - ND	NC	NC
2-hexanone	7	ND - ND	NC	NC
4-methyl-2-pentanone	7	ND - 2180.0	1970.0008	90.6
BFB	5	97.0 - 107.5	1.5811	1.5
Benzene	7	ND - ND	NC	NC
Ethylbenzene	7	ND - 4200.0	848.5281	20.2

NC: Not Calculable

- D R A F T -

TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Toluene	7	ND - 8150.0	491.6034	41.8
Toluene-d8	5	98.0 - 108.5	1.1832	1.1
Trichloroethene	7	ND - ND	NC	NC
acetone	7	ND - 3300.0	405.3271	68.1
benzene	5	79.0 - 115.0	3.7683	3.6
bromodichloromethane	7	ND - ND	NC	NC
bromoform	7	ND - ND	NC	NC
bromomethane	7	ND - ND	NC	NC
carbon disulfide	7	ND - ND	NC	NC
carbon tetrachloride	7	ND - ND	NC	NC
chlorobenzene	12	ND - 115.0	4.8166	4.9
chloroethane	7	ND - ND	NC	NC
chloroform	7	ND - ND	NC	NC
chloromethane	7	ND - ND	NC	NC
cis-1,3-dichloropropene	7	ND - ND	NC	NC
dibromochloromethane	7	ND - ND	NC	NC
methylene chloride	7	ND - 69.0	41.9723	102.7
styrene	7	ND - ND	NC	NC
tetrachloroethene	7	ND - ND	NC	NC
toluene	5	53.0 - 105.0	6.6483	7.4
total xylenes	7	ND - 27000.0	5656.8542	21.0
trans-1,2-Dichloroethene	5	ND - ND	NC	NC
trans-1,3-Dichloropropene	7	ND - ND	NC	NC
trichloroethene	5	85.5 - 91.5	3.5214	4.0
trichlorofluoromethane	5	ND - ND	NC	NC
vinyl acetate	7	ND - ND	NC	NC
vinyl chloride	7	ND - ND	NC	NC
Semivolatile Organics (8270)				
1,2,4-trichlorobenzene	8	ND - 88.0	2.7689	3.3
1,2-dichlorobenzene	5	ND - ND	NC	NC

NC: Not Calculable

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TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
1,3-dichlorobenzene	5	ND - ND	NC	NC
1,4-dichlorobenzene	8	ND - 84.5	11.2398	23.4
2,4,5-trichlorophenol	5	ND - ND	NC	NC
2,4,6-Trichlorophenol	5	ND - ND	NC	NC
2,4,6-tribromophenol	3	59.5 - 93.0	1.6833	2.6
2,4-Dichlorophenol	5	ND - ND	NC	NC
2,4-Dimethylphenol	5	ND - ND	NC	NC
2,4-Dinitrophenol	5	ND - ND	NC	NC
2,4-dinitrotoluene	8	ND - 93.0	4.3970	5.9
2,6-dinitrotoluene	5	ND - ND	NC	NC
2-Chlorophenol	5	ND - ND	NC	NC
2-Nitrophenol	5	ND - ND	NC	NC
2-chloronaphthalene	5	ND - ND	NC	NC
2-chlorophenol	3	65.0 - 93.0	23.2845	25.4
2-fluorobiphenyl	3	63.5 - 90.5	2.4152	3.0
2-fluorophenol	3	60.0 - 97.0	2.7386	3.2
2-methylnaphthalene	5	ND - 4400.0	400.0000	9.1
2-methylphenol	5	ND - ND	NC	NC
2-nitroaniline	5	ND - ND	NC	NC
3,3'-dichlorobenzidine	5	ND - ND	NC	NC
3-nitroaniline	5	ND - ND	NC	NC
4,6-dinitro-2-methylphenol	5	ND - ND	NC	NC
4-Chloro-3-Methylphenol	5	ND - ND	NC	NC
4-Nitrophenol	5	ND - ND	NC	NC
4-bromophenyl-phenylether	5	ND - ND	NC	NC
4-chloro-3-methylphenol	3	73.5 - 89.0	2.2361	3.0
4-chloroaniline	5	ND - ND	NC	NC
4-chlorophenyl-phenylether	5	ND - ND	NC	NC
4-methylphenol	5	ND - 1180.0	338.3785	32.0
4-nitroaniline	5	ND - ND	NC	NC
4-nitrophenol	3	81.0 - 100.5	9.1833	11.2

NC: Not Calculable

- DRAFT -

TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Pentachlorophenol	5	ND - ND	NC	NC
Phenol	5	ND - 345.0	47.4342	29.4
acenaphthene	8	ND - 94.0	2.6141	3.3
acenaphthylene	5	ND - ND	NC	NC
aniline	3	ND - ND	NC	NC
anthracene	5	ND - 99.5	14.8492	14.9
benzidine	3	ND - ND	NC	NC
benzo(a)anthracene	5	ND - 370.0	56.5685	15.3
benzo(a)pyrene	5	ND - 700.0	56.5685	8.1
benzo(b)fluoranthene	5	ND - 615.0	63.6396	10.3
benzo(g,h,i)perylene	5	ND - 400.0	113.1371	28.3
benzo(k)fluoranthene	5	ND - 330.0	311.1270	94.3
benzoic acid	5	ND - 215.0	49.4975	23.0
benzyl alcohol	5	ND - ND	NC	NC
bis(2-chloroethoxy)methane	5	ND - ND	NC	NC
bis(2-chloroethyl)ether	5	ND - ND	NC	NC
bis(2-chloroisopropyl)ether	5	ND - ND	NC	NC
bis(2-ethylhexyl)phthalate	5	ND - 1450.0	79.2149	21.6
butylbenzylphthalate	5	ND - 260.0	212.1320	81.6
chrysene	5	ND - 555.0	21.2132	3.8
d14-terphenyl	3	97.0 - 101.5	3.8514	3.9
d5-nitrobenzene	3	64.0 - 89.0	2.5820	3.0
d5-phenol	3	63.0 - 95.0	1.6833	2.5
di-n-butylphthalate	5	ND - 445.0	146.2281	44.2
di-n-octyl phthalate	5	ND - 160.0	73.5272	50.2
dibenz(a,h)anthracene	5	ND - ND	NC	NC
dibenzofuran	5	ND - ND	NC	NC
diethylphthalate	5	ND - ND	NC	NC
dimethyl phthalate	5	ND - ND	NC	NC
fluoranthene	5	ND - 1065.0	190.9188	17.9
fluorene	5	ND - ND	NC	NC

NC: Not Calculable

- D R A F T -

TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
hexachlorobenzene	5	ND - ND	NC	NC
hexachlorobutadiene	5	ND - ND	NC	NC
hexachlorocyclopentadiene	5	ND - ND	NC	NC
hexachloroethane	5	ND - ND	NC	NC
indeno(1,2,3-cd)pyrene	5	ND - 370.0	113.1371	30.6
isophorone	5	ND - ND	NC	NC
n-nitroso-di-n-propylamine	8	ND - 105.5	3.1358	3.4
n-nitrosodimethylamine	3	ND - ND	NC	NC
n-nitrosodiphenylamine (1)	5	ND - ND	NC	NC
naphthalene	5	ND - 2400.0	424.2641	17.7
nitrobenzene	5	ND - ND	NC	NC
pentachlorophenol	3	55.5 - 85.5	4.7958	7.6
phenanthrene	5	ND - 325.0	63.6396	19.6
phenol	3	54.5 - 93.0	11.0227	20.2
pyrene	8	ND - 760.0	56.6138	9.1
Chloride				
Cl	4	0.24 - 47.0	0.6718	4.7
Fluoride, SIE				
F_SIE	2	0.33 - 0.40	0.0224	5.8
Hydrocarbons, Total				
HC	3	666.0 - 3365.0	159.2692	6.7
HC_IR	2	0.20 - 4.0	0.0000	0.0
Mercury, cold vapor				
Mercury	11	ND - 0.49	0.0105	3.4

NC: Not Calculable

- D R A F T -

TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
ICPES, EPA 200.7 elements				
Aluminum	33	0.20 - 14300.0	767.6910	23.1
Antimony	33	ND - 106.4	4.3314	34.8
Arsenic	32	ND - 103.0	9.4653	20.9
Barium	31	0.042 - 257.5	35.8379	16.4
Beryllium	32	ND - 93.9	1.0861	24.6
Boron	34	ND - 79.6	3.2543	4.6
Cadmium	31	ND - 91.7	1.1153	26.7
Calcium	34	0.92 - 257500.0	5772.5172	31.4
Chromium	32	ND - 109.0	1.6145	13.1
Cobalt	32	ND - 90.5	1.2740	34.0
Copper	32	ND - 95.4	1.3108	37.2
Iron	32	0.68 - 14700.0	769.7942	7.4
Lead	32	ND - 101.5	7.9276	32.5
Magnesium	32	5.1 - 2757.0	65.3441	5.3
Manganese	30	0.015 - 377.0	18.8990	10.3
Molybdenum	30	ND - 87.5	1.3049	11.7
Nickel	31	ND - 96.2	1.5459	14.8
Potassium	32	3.2 - 5403.0	1111.3820	25.8
Selenium	32	ND - 109.0	4.1850	13.7
Silicon	31	6.7 - 2041.0	308.9328	25.3
Silver	32	ND - 93.7	2.4878	40.6
Sodium	32	ND - 1160.0	26.2146	45.6
Thallium	30	ND - 865.0	4.6059	19.2
Vanadium	31	ND - 125.0	3.6424	16.6
Zinc	32	0.018 - 14300.0	52.4856	34.8
Nitrate + nitrite				
NO3-NO2-N	1	1.3 - 1.3	0.0141	1.1

NC: Not Calculable

- D R A F T -

TABLE G-10. PRECISION ESTIMATES (TOTAL VARIABILITY) FOR SOIL SAMPLES, CARSWELL AFB IRP - RI/FS STAGE 2

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV
Nitrate, colorimetric NO3	1	3.6 - 3.6	0.0636	1.8
Oil and grease, infrared ONG	2	5.0 - 48.5	3.5000	7.2
Orthophosphate O-PO4	3	0.020 - 0.050	0.0000	0.0
Lead, graphite AA Pb	8	0.035 - 4.1	0.1331	15.2
Selenium, graphite AA Se	14	0.0030 - 0.56	0.0908	57.0
Sulfate, nephelometry SO4	3	39.6 - 137.5	6.1304	4.5
Total dissolved solids TDS	2	570.5 - 722.0	24.0052	3.9

NC: Not Calculable

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