

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-191-FALCONLANE

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RE

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-12

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-191-FALCONLANE

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	42.9		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	69900		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	20.1		ug/L	B	YES	J								J							12
Iron	141		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	6680		ug/L		YES																
Manganese	289		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	2430		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11700		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	26.3		ug/L		YES																
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	0.84		ug/L	B	YES	UJ			U					J							12,6
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
4,4'-DDD	0.022		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.022		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.022		ug/L	U	YES	UJ				UJ											11
Aldrin	0.022		ug/L	U	YES	UJ				UJ											11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-191-FALCONLANE

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

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Sample Matrix : AQ

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Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>																
alpha-BHC	0.022		ug/L	U	YES	UJ																11
alpha-Chlordane	0.022		ug/L	U	YES	UJ																11
beta-BHC	0.022		ug/L	U	YES	UJ																11
delta-BHC	0.022		ug/L	U	YES	UJ																11
Dieldrin	0.022		ug/L	U	YES	UJ																11
Endosulfan I	0.022		ug/L	U	YES	UJ																11
Endosulfan II	0.022		ug/L	U	YES	UJ																11
Endosulfan sulfate	0.022		ug/L	U	YES	UJ																11
Endrin	0.022		ug/L	U	YES	UJ																11
Endrin aldehyde	0.022		ug/L	U	YES	UJ																11
Endrin ketone	0.056		ug/L	U	YES	UJ																11
gamma-BHC	0.022		ug/L	U	YES	UJ																11
gamma-Chlordane	0.022		ug/L	U	YES	UJ																11
Heptachlor	0.022		ug/L	U	YES	UJ																11
Heptachlor epoxide	0.022		ug/L	U	YES	UJ																11
Methoxychlor	0.056		ug/L	U	YES	UJ																11
Toxaphene	0.28		ug/L	U	YES																	
<b>Analysis Method : 8082</b>						<b>Dilution: 1.00</b>																
Aroclor 1016	0.56		ug/L	U	YES																	
Aroclor 1221	0.56		ug/L	U	YES																	
Aroclor 1232	0.56		ug/L	U	YES																	
Aroclor 1242	0.56		ug/L	U	YES																	
Aroclor 1248	0.56		ug/L	U	YES																	
Aroclor 1254	0.56		ug/L	U	YES																	
Aroclor 1260	0.56		ug/L	U	YES																	
Aroclor 1262	0.56		ug/L	U	YES																	
Aroclor 1268	0.56		ug/L	U	YES																	
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>																
2,4,5-T	0.24		ug/L	U	YES																	

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-191-FALCONLANE

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-TP (Silvex)	0.18		ug/L	U	YES																
2,4-D	0.61		ug/L	U	YES																
Pentachlorophenol	0.18		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

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# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-191-FALCONLANE

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-12

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES																

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# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-191-FALCONLANE

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,4-Dioxane	2.1		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES																
2,4,5-Trichlorophenol	5.3		ug/L	U	YES																
2,4,6-Trichlorophenol	5.3		ug/L	U	YES																
2,4-Dichlorophenol	5.3		ug/L	U	YES																
2,4-Dimethylphenol	5.3		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.3		ug/L	U	YES																
2-Chlorophenol	5.3		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.3		ug/L	U	YES																
2-Nitroaniline	5.3		ug/L	U	YES																
2-Nitrophenol	5.3		ug/L	U	YES																
3&4-Methylphenol	5.3		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES																
3-Nitroaniline	5.3		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.3		ug/L	U	YES																
4-Chloroaniline	5.3		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.3		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.3		ug/L	U	YES																
Anthracene	2.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-191-FALCONLANE

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-12

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Atrazine	5.3		ug/L	U	YES																
Benzaldehyde	5.3		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.3		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.3		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-191-FALCONLANE

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-12

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>																
Isophorone	2.1		ug/L	U	YES																	
Naphthalene	2.1		ug/L	U	YES																	
Nitrobenzene	2.1		ug/L	U	YES																	
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																	
N-Nitrosodiphenylamine	5.3		ug/L	U	YES																	
Phenanthrene	2.1		ug/L	U	YES																	
Phenol	5.3		ug/L	U	YES																	
Pyrene	2.1		ug/L	U	YES																	
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>																
Cyanide	0.01		mg/l	U	YES																	

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-191-FALCONLANE

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RE/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-12F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-191-FALCONLANE

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74646-12F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	44		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	72000		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	6840		ug/L		YES																
Manganese	291		ug/L		YES																
Nickel	3.3		ug/L	B	YES	J								J							12
Potassium	2540		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11700		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	16.7		ug/L	B	YES	J								J							12
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	0.8		ug/L	B	YES	UJ			U					J							12,6
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4051-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RE

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-9

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4051-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	39.6		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	25000		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	619		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	3720		ug/L	B	YES	J								J							12
Manganese	366		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	12200		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	270		ug/L		YES																
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
4,4'-DDD	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.021		ug/L	U	YES	UJ				UJ											11
Aldrin	0.021		ug/L	U	YES	UJ				UJ											11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4051-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
alpha-BHC	0.021		ug/L	U	YES	UJ				UJ											11
alpha-Chlordane	0.021		ug/L	U	YES	UJ				UJ											11
beta-BHC	0.021		ug/L	U	YES	UJ				UJ											11
delta-BHC	0.021		ug/L	U	YES	UJ				UJ											11
Dieldrin	0.021		ug/L	U	YES	UJ				UJ											11
Endosulfan I	0.021		ug/L	U	YES	UJ				UJ											11
Endosulfan II	0.021		ug/L	U	YES	UJ				UJ											11
Endosulfan sulfate	0.021		ug/L	U	YES	UJ				UJ											11
Endrin	0.021		ug/L	U	YES	UJ				UJ											11
Endrin aldehyde	0.021		ug/L	U	YES	UJ				UJ											11
Endrin ketone	0.053		ug/L	U	YES	UJ				UJ											11
gamma-BHC	0.021		ug/L	U	YES	UJ				UJ											11
gamma-Chlordane	0.021		ug/L	U	YES	UJ				UJ											11
Heptachlor	0.021		ug/L	U	YES	UJ				UJ											11
Heptachlor epoxide	0.021		ug/L	U	YES	UJ				UJ											11
Methoxychlor	0.053		ug/L	U	YES	UJ				UJ											11
Toxaphene	0.27		ug/L	U	YES																
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.53		ug/L	U	YES																
Aroclor 1221	0.53		ug/L	U	YES																
Aroclor 1232	0.53		ug/L	U	YES																
Aroclor 1242	0.53		ug/L	U	YES																
Aroclor 1248	0.53		ug/L	U	YES																
Aroclor 1254	0.53		ug/L	U	YES																
Aroclor 1260	0.53		ug/L	U	YES																
Aroclor 1262	0.53		ug/L	U	YES																
Aroclor 1268	0.53		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					
2,4,5-T	0.21		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4051-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>																
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																	
2,4-D	0.53		ug/L	U	YES																	
Pentachlorophenol	0.16		ug/L	U	YES																	
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>																
1,1,1-Trichloroethane	1		ug/L	U	YES																	
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																	
1,1,2-Trichloroethane	1		ug/L	U	YES																	
1,1-Dichloroethane	1		ug/L	U	YES																	
1,1-Dichloroethene	1		ug/L	U	YES																	
1,2,3-Trichlorobenzene	5		ug/L	U	YES																	
1,2,4-Trichlorobenzene	5		ug/L	U	YES																	
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																	
1,2-Dibromoethane	2		ug/L	U	YES																	
1,2-Dichlorobenzene	1		ug/L	U	YES																	
1,2-Dichloroethane	1		ug/L	U	YES																	
1,2-Dichloropropane	1		ug/L	U	YES																	
1,3-Dichlorobenzene	1		ug/L	U	YES																	
1,4-Dichlorobenzene	1		ug/L	U	YES																	
2-Butanone	10		ug/L	U	YES																	
2-Hexanone	5		ug/L	U	YES																	
4-METHYL-2-PENTANONE	5		ug/L	U	YES																	
Acetone	10		ug/L	U	YES																	
Benzene	1		ug/L	U	YES																	
Bromochloromethane	5		ug/L	U	YES																	
Bromodichloromethane	1		ug/L	U	YES																	
Bromoform	4		ug/L	U	YES																	
Bromomethane	2		ug/L	U	YES																	
Carbon disulfide	2		ug/L	U	YES																	
Carbon tetrachloride	1		ug/L	U	YES																	

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4051-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4051-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-9

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8270C</b>		<b>Dilution: 1.00</b>																				
1,4-Dioxane	2		ug/L	U	YES	UJ																11
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES																	
2,4,5-Trichlorophenol	5.1		ug/L	U	YES																	
2,4,6-Trichlorophenol	5.1		ug/L	U	YES																	
2,4-Dichlorophenol	5.1		ug/L	U	YES																	
2,4-Dimethylphenol	5.1		ug/L	U	YES																	
2,4-Dinitrophenol	20		ug/L	U	YES																	
2,4-Dinitrotoluene	2		ug/L	U	YES																	
2,6-Dinitrotoluene	2		ug/L	U	YES																	
2-Chloronaphthalene	5.1		ug/L	U	YES																	
2-Chlorophenol	5.1		ug/L	U	YES																	
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																	
2-Methylnaphthalene	2		ug/L	U	YES																	
2-Methylphenol	5.1		ug/L	U	YES																	
2-Nitroaniline	5.1		ug/L	U	YES																	
2-Nitrophenol	5.1		ug/L	U	YES																	
3&4-Methylphenol	5.1		ug/L	U	YES																	
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES																	
3-Nitroaniline	5.1		ug/L	U	YES																	
4-Bromophenyl phenyl ether	2		ug/L	U	YES																	
4-Chloro-3-methylphenol	5.1		ug/L	U	YES																	
4-Chloroaniline	5.1		ug/L	U	YES																	
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																	
4-Nitroaniline	5.1		ug/L	U	YES																	
4-Nitrophenol	20		ug/L	U	YES																	
Acenaphthene	2		ug/L	U	YES																	
Acenaphthylene	2		ug/L	U	YES																	
Acetophenone	5.1		ug/L	U	YES																	
Anthracene	2		ug/L	U	YES																	

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4051-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-9

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Atrazine	5.1		ug/L	U	YES																
Benzaldehyde	5.1		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5.1		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5.1		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4051-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-9

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Isophorone	2		ug/L	U	YES																
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5.1		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4051-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-9F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	37.1		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	23900		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	3560		ug/L	B	YES	J								J							12
Manganese	346		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11700		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	226		ug/L		YES																
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>															
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4149-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RE

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-13

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4149-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	18.1		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	36600		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	11.4		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	3780		ug/L	B	YES	J								J							12
Manganese	372		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	10500		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	1010		ug/L		YES																
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	1.1		ug/L		YES	U			U												6
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
4,4'-DDD	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.021		ug/L	U	YES	UJ				UJ											11
Aldrin	0.021		ug/L	U	YES	UJ				UJ											11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4149-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
alpha-BHC	0.021		ug/L	U	YES	UJ															11
alpha-Chlordane	0.021		ug/L	U	YES	UJ															11
beta-BHC	0.021		ug/L	U	YES	UJ															11
delta-BHC	0.021		ug/L	U	YES	UJ															11
Dieldrin	0.021		ug/L	U	YES	UJ															11
Endosulfan I	0.021		ug/L	U	YES	UJ															11
Endosulfan II	0.021		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.021		ug/L	U	YES	UJ															11
Endrin	0.021		ug/L	U	YES	UJ															11
Endrin aldehyde	0.021		ug/L	U	YES	UJ															11
Endrin ketone	0.053		ug/L	U	YES	UJ															11
gamma-BHC	0.021		ug/L	U	YES	UJ															11
gamma-Chlordane	0.021		ug/L	U	YES	UJ															11
Heptachlor	0.021		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.021		ug/L	U	YES	UJ															11
Methoxychlor	0.053		ug/L	U	YES	UJ															11
Toxaphene	0.27		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.53		ug/L	U	YES																
Aroclor 1221	0.53		ug/L	U	YES																
Aroclor 1232	0.53		ug/L	U	YES																
Aroclor 1242	0.53		ug/L	U	YES																
Aroclor 1248	0.53		ug/L	U	YES																
Aroclor 1254	0.53		ug/L	U	YES																
Aroclor 1260	0.53		ug/L	U	YES																
Aroclor 1262	0.53		ug/L	U	YES																
Aroclor 1268	0.53		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					
2,4,5-T	0.22		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4149-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																
2,4-D	0.55		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4149-RANGERD

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5.6		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4149-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-13

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,4-Dioxane	2.2		ug/L	U	YES	UJ															11
2,3,4,6-Tetrachlorophenol	5.6		ug/L	U	YES																
2,4,5-Trichlorophenol	5.6		ug/L	U	YES																
2,4,6-Trichlorophenol	5.6		ug/L	U	YES																
2,4-Dichlorophenol	5.6		ug/L	U	YES																
2,4-Dimethylphenol	5.6		ug/L	U	YES																
2,4-Dinitrophenol	22		ug/L	U	YES																
2,4-Dinitrotoluene	2.2		ug/L	U	YES																
2,6-Dinitrotoluene	2.2		ug/L	U	YES																
2-Chloronaphthalene	5.6		ug/L	U	YES																
2-Chlorophenol	5.6		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES																
2-Methylnaphthalene	2.2		ug/L	U	YES																
2-Methylphenol	5.6		ug/L	U	YES																
2-Nitroaniline	5.6		ug/L	U	YES																
2-Nitrophenol	5.6		ug/L	U	YES																
3&4-Methylphenol	5.6		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.6		ug/L	U	YES																
3-Nitroaniline	5.6		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.6		ug/L	U	YES																
4-Chloroaniline	5.6		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES																
4-Nitroaniline	5.6		ug/L	U	YES																
4-Nitrophenol	22		ug/L	U	YES																
Acenaphthene	2.2		ug/L	U	YES																
Acenaphthylene	2.2		ug/L	U	YES																
Acetophenone	5.6		ug/L	U	YES																
Anthracene	2.2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4149-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-13

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>		<b>Dilution: 1.00</b>																			
Atrazine	5.6		ug/L	U	YES																
Benzaldehyde	5.6		ug/L	U	YES																
Benzo(a)anthracene	2.2		ug/L	U	YES																
Benzo(a)pyrene	2.2		ug/L	U	YES																
Benzo(b)fluoranthene	2.2		ug/L	U	YES																
Benzo(g,h,i)perylene	2.2		ug/L	U	YES																
Benzo(k)fluoranthene	2.2		ug/L	U	YES																
BIPHENYL	2.2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES																
Butylbenzyl phthalate	2.2		ug/L	U	YES																
Caprolactam	2.2		ug/L	U	YES																
Carbazole	2.2		ug/L	U	YES																
Chrysene	2.2		ug/L	U	YES																
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.6		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES																
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES																
Fluorene	2.2		ug/L	U	YES																
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	2.2		ug/L	U	YES																
Hexachloroethane	5.6		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4149-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-13

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>																
Isophorone	2.2		ug/L	U	YES																	
Naphthalene	2.2		ug/L	U	YES																	
Nitrobenzene	2.2		ug/L	U	YES																	
N-Nitroso-di-n-propylamine	2.2		ug/L	U	YES																	
N-Nitrosodiphenylamine	5.6		ug/L	U	YES																	
Phenanthrene	2.2		ug/L	U	YES																	
Phenol	5.6		ug/L	U	YES																	
Pyrene	2.2		ug/L	U	YES																	
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>																
Cyanide	0.01		mg/l	U	YES																	

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4149-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RE/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-13F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4149-RANGERD

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-13F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>																
Antimony	5		ug/L	U	YES																	
Arsenic	5		ug/L	U	YES																	
Barium	19.1		ug/L	B	YES	J								J								12
Cadmium	4		ug/L	U	YES																	
Calcium	38100		ug/L		YES																	
Chromium	10		ug/L	U	YES																	
Cobalt	50		ug/L	U	YES																	
Copper	25		ug/L	U	YES																	
Iron	100		ug/L	U	YES																	
Lead	3		ug/L	U	YES																	
Magnesium	3920		ug/L	B	YES	J								J								12
Manganese	386		ug/L		YES																	
Nickel	40		ug/L	U	YES																	
Potassium	5000		ug/L	U	YES																	
Selenium	5		ug/L	U	YES																	
Silver	10		ug/L	U	YES																	
Sodium	10900		ug/L		YES																	
Vanadium	50		ug/L	U	YES																	
Zinc	1040		ug/L		YES																	
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>																
Beryllium	2		ug/L	U	YES																	
Thallium	1		ug/L	U	YES																	
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>																
Mercury	0.2		ug/L	U	YES																	

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-652-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	18.9		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	6430		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	9		ug/L	B	YES	J								J							12
Iron	844		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	1440		ug/L	B	YES	J								J							12
Manganese	533		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1050		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	7560		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	958		ug/L		YES																
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
4,4'-DDD	0.021		ug/L	U	YES	UJ					UJ										11
4,4'-DDE	0.021		ug/L	U	YES	UJ					UJ										11
4,4'-DDT	0.021		ug/L	U	YES	UJ					UJ										11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-652-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
Aldrin	0.021		ug/L	U	YES	UJ															11
alpha-BHC	0.021		ug/L	U	YES	UJ															11
alpha-Chlordane	0.021		ug/L	U	YES	UJ															11
beta-BHC	0.021		ug/L	U	YES	UJ															11
delta-BHC	0.021		ug/L	U	YES	UJ															11
Dieldrin	0.021		ug/L	U	YES	UJ															11
Endosulfan I	0.021		ug/L	U	YES	UJ															11
Endosulfan II	0.021		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.021		ug/L	U	YES	UJ															11
Endrin	0.021		ug/L	U	YES	UJ															11
Endrin aldehyde	0.021		ug/L	U	YES	UJ															11
Endrin ketone	0.053		ug/L	U	YES	UJ															11
gamma-BHC	0.021		ug/L	U	YES	UJ															11
gamma-Chlordane	0.021		ug/L	U	YES	UJ															11
Heptachlor	0.021		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.021		ug/L	U	YES	UJ															11
Methoxychlor	0.053		ug/L	U	YES	UJ															11
Toxaphene	0.27		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.53		ug/L	U	YES																
Aroclor 1221	0.53		ug/L	U	YES																
Aroclor 1232	0.53		ug/L	U	YES																
Aroclor 1242	0.53		ug/L	U	YES																
Aroclor 1248	0.53		ug/L	U	YES																
Aroclor 1254	0.53		ug/L	U	YES																
Aroclor 1260	0.53		ug/L	U	YES																
Aroclor 1262	0.53		ug/L	U	YES																
Aroclor 1268	0.53		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-652-LAKEVIEWDR

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-3

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-T	0.22		ug/L	U	YES																
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																
2,4-D	0.54		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-652-LAKEVIEWWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-652-LAKEVIEWWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	6.3		ug/L	U	YES																
1,4-Dioxane	2.5		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	6.3		ug/L	U	YES																
2,4,5-Trichlorophenol	6.3		ug/L	U	YES																
2,4,6-Trichlorophenol	6.3		ug/L	U	YES																
2,4-Dichlorophenol	6.3		ug/L	U	YES																
2,4-Dimethylphenol	6.3		ug/L	U	YES																
2,4-Dinitrophenol	25		ug/L	U	YES																
2,4-Dinitrotoluene	2.5		ug/L	U	YES																
2,6-Dinitrotoluene	2.5		ug/L	U	YES																
2-Chloronaphthalene	6.3		ug/L	U	YES																
2-Chlorophenol	6.3		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	25		ug/L	U	YES																
2-Methylnaphthalene	2.5		ug/L	U	YES																
2-Methylphenol	6.3		ug/L	U	YES																
2-Nitroaniline	6.3		ug/L	U	YES																
2-Nitrophenol	6.3		ug/L	U	YES																
3&4-Methylphenol	6.3		ug/L	U	YES																
3,3'-Dichlorobenzidine	6.3		ug/L	U	YES																
3-Nitroaniline	6.3		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.5		ug/L	U	YES																
4-Chloro-3-methylphenol	6.3		ug/L	U	YES																
4-Chloroaniline	6.3		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.5		ug/L	U	YES																
4-Nitroaniline	6.3		ug/L	U	YES																
4-Nitrophenol	25		ug/L	U	YES																
Acenaphthene	2.5		ug/L	U	YES																
Acenaphthylene	2.5		ug/L	U	YES																
Acetophenone	6.3		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-652-LAKEVIEWDR

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-3

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>		<b>Dilution: 1.00</b>																			
Anthracene	2.5		ug/L	U	YES																
Atrazine	6.3		ug/L	U	YES																
Benzaldehyde	6.3		ug/L	U	YES																
Benzo(a)anthracene	2.5		ug/L	U	YES																
Benzo(a)pyrene	2.5		ug/L	U	YES																
Benzo(b)fluoranthene	2.5		ug/L	U	YES																
Benzo(g,h,i)perylene	2.5		ug/L	U	YES																
Benzo(k)fluoranthene	2.5		ug/L	U	YES																
BIPHENYL	2.5		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.5		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.5		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.5		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.5		ug/L	U	YES																
Butylbenzyl phthalate	2.5		ug/L	U	YES																
Caprolactam	2.5		ug/L	U	YES																
Carbazole	2.5		ug/L	U	YES																
Chrysene	2.5		ug/L	U	YES																
Dibenz(a,h)anthracene	2.5		ug/L	U	YES																
Dibenzofuran	6.3		ug/L	U	YES																
Diethyl phthalate	2.5		ug/L	U	YES																
Dimethyl phthalate	2.5		ug/L	U	YES																
Di-n-butyl phthalate	2.5		ug/L	U	YES																
Di-n-octyl phthalate	2.5		ug/L	U	YES																
Fluoranthene	2.5		ug/L	U	YES																
Fluorene	2.5		ug/L	U	YES																
Hexachlorobenzene	2.5		ug/L	U	YES																
Hexachlorobutadiene	2.5		ug/L	U	YES																
Hexachlorocyclopentadiene	25		ug/L	U	YES																
Hexachloroethane	6.3		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-652-LAKEVIEWWDR

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-3

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Indeno(1,2,3-cd)pyrene	2.5		ug/L	U	YES																
Isophorone	2.5		ug/L	U	YES																
Naphthalene	2.5		ug/L	U	YES																
Nitrobenzene	2.5		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.5		ug/L	U	YES																
N-Nitrosodiphenylamine	6.3		ug/L	U	YES																
Phenanthrene	2.5		ug/L	U	YES																
Phenol	6.3		ug/L	U	YES																
Pyrene	2.5		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-652-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74646-3F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	18		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	6340		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	5		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	1440		ug/L	B	YES	J								J							12
Manganese	516		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1060		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	7510		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	925		ug/L		YES																
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>															
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-653-LAKEVIEWWDR

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RE

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-2

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-653-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	11800		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	11.1		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	8.2		ug/L		YES																
Magnesium	3420		ug/L	B	YES	J								J							12
Manganese	8.2		ug/L	B	YES	UJ			U					J							12,6
Nickel	3.7		ug/L	B	YES	J								J							12
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11000		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	10.5		ug/L	B	YES	J								J							12
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
4,4'-DDD	0.023		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.023		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.023		ug/L	U	YES	UJ				UJ											11
Aldrin	0.023		ug/L	U	YES	UJ				UJ											11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-653-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>															
alpha-BHC	0.023		ug/L	U	YES	UJ															11
alpha-Chlordane	0.023		ug/L	U	YES	UJ															11
beta-BHC	0.023		ug/L	U	YES	UJ															11
delta-BHC	0.023		ug/L	U	YES	UJ															11
Dieldrin	0.023		ug/L	U	YES	UJ															11
Endosulfan I	0.023		ug/L	U	YES	UJ															11
Endosulfan II	0.023		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.023		ug/L	U	YES	UJ															11
Endrin	0.023		ug/L	U	YES	UJ															11
Endrin aldehyde	0.023		ug/L	U	YES	UJ															11
Endrin ketone	0.058		ug/L	U	YES	UJ															11
gamma-BHC	0.023		ug/L	U	YES	UJ															11
gamma-Chlordane	0.023		ug/L	U	YES	UJ															11
Heptachlor	0.023		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.023		ug/L	U	YES	UJ															11
Methoxychlor	0.058		ug/L	U	YES	UJ															11
Toxaphene	0.29		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>						<b>Dilution: 1.00</b>															
Aroclor 1016	0.58		ug/L	U	YES																
Aroclor 1221	0.58		ug/L	U	YES																
Aroclor 1232	0.58		ug/L	U	YES																
Aroclor 1242	0.58		ug/L	U	YES																
Aroclor 1248	0.58		ug/L	U	YES																
Aroclor 1254	0.58		ug/L	U	YES																
Aroclor 1260	0.58		ug/L	U	YES																
Aroclor 1262	0.58		ug/L	U	YES																
Aroclor 1268	0.58		ug/L	U	YES																
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-T	0.22		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-653-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.56		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-653-LAKEVIEWWDR

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-2

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
1,2,4,5-Tetrachlorobenzene	6.1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-653-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,4-Dioxane	2.4		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	6.1		ug/L	U	YES																
2,4,5-Trichlorophenol	6.1		ug/L	U	YES																
2,4,6-Trichlorophenol	6.1		ug/L	U	YES																
2,4-Dichlorophenol	6.1		ug/L	U	YES																
2,4-Dimethylphenol	6.1		ug/L	U	YES																
2,4-Dinitrophenol	24		ug/L	U	YES																
2,4-Dinitrotoluene	2.4		ug/L	U	YES																
2,6-Dinitrotoluene	2.4		ug/L	U	YES																
2-Chloronaphthalene	6.1		ug/L	U	YES																
2-Chlorophenol	6.1		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	24		ug/L	U	YES																
2-Methylnaphthalene	2.4		ug/L	U	YES																
2-Methylphenol	6.1		ug/L	U	YES																
2-Nitroaniline	6.1		ug/L	U	YES																
2-Nitrophenol	6.1		ug/L	U	YES																
3&4-Methylphenol	6.1		ug/L	U	YES																
3,3'-Dichlorobenzidine	6.1		ug/L	U	YES																
3-Nitroaniline	6.1		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.4		ug/L	U	YES																
4-Chloro-3-methylphenol	6.1		ug/L	U	YES																
4-Chloroaniline	6.1		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.4		ug/L	U	YES																
4-Nitroaniline	6.1		ug/L	U	YES																
4-Nitrophenol	24		ug/L	U	YES																
Acenaphthene	2.4		ug/L	U	YES																
Acenaphthylene	2.4		ug/L	U	YES																
Acetophenone	6.1		ug/L	U	YES																
Anthracene	2.4		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-653-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Atrazine	6.1		ug/L	U	YES																
Benzaldehyde	6.1		ug/L	U	YES																
Benzo(a)anthracene	2.4		ug/L	U	YES																
Benzo(a)pyrene	2.4		ug/L	U	YES																
Benzo(b)fluoranthene	2.4		ug/L	U	YES																
Benzo(g,h,i)perylene	2.4		ug/L	U	YES																
Benzo(k)fluoranthene	2.4		ug/L	U	YES																
BIPHENYL	2.4		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.4		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.4		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.4		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.4		ug/L	U	YES																
Butylbenzyl phthalate	2.4		ug/L	U	YES																
Caprolactam	2.4		ug/L	U	YES																
Carbazole	2.4		ug/L	U	YES																
Chrysene	2.4		ug/L	U	YES																
Dibenz(a,h)anthracene	2.4		ug/L	U	YES																
Dibenzofuran	6.1		ug/L	U	YES																
Diethyl phthalate	2.4		ug/L	U	YES																
Dimethyl phthalate	2.4		ug/L	U	YES																
Di-n-butyl phthalate	2.4		ug/L	U	YES																
Di-n-octyl phthalate	2.4		ug/L	U	YES																
Fluoranthene	2.4		ug/L	U	YES																
Fluorene	2.4		ug/L	U	YES																
Hexachlorobenzene	2.4		ug/L	U	YES																
Hexachlorobutadiene	2.4		ug/L	U	YES																
Hexachlorocyclopentadiene	2.4		ug/L	U	YES																
Hexachloroethane	6.1		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.4		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-653-LAKEVIEWDR

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-2

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Isophorone	2.4		ug/L	U	YES																
Naphthalene	2.4		ug/L	U	YES																
Nitrobenzene	2.4		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.4		ug/L	U	YES																
N-Nitrosodiphenylamine	6.1		ug/L	U	YES																
Phenanthrene	2.4		ug/L	U	YES																
Phenol	6.1		ug/L	U	YES																
Pyrene	2.4		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-653-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74646-2F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>																
Aluminum	200		ug/L	U	YES																	
Antimony	5		ug/L	U	YES																	
Arsenic	5		ug/L	U	YES																	
Barium	200		ug/L	U	YES																	
Cadmium	4		ug/L	U	YES																	
Calcium	11100		ug/L		YES																	
Chromium	10		ug/L	U	YES																	
Cobalt	50		ug/L	U	YES																	
Copper	5.2		ug/L	B	YES	J								J								12
Iron	100		ug/L	U	YES																	
Lead	3		ug/L	U	YES																	
Magnesium	3250		ug/L	B	YES	J								J								12
Manganese	5.2		ug/L	B	YES	UJ			U					J								12,6
Nickel	4.4		ug/L	B	YES	J								J								12
Potassium	5000		ug/L	U	YES																	
Selenium	5		ug/L	U	YES																	
Silver	10		ug/L	U	YES																	
Sodium	10600		ug/L		YES																	
Vanadium	50		ug/L	U	YES																	
Zinc	11.1		ug/L	B	YES	J								J								12
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>																
Beryllium	2		ug/L	U	YES																	
Thallium	1		ug/L	U	YES																	
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>																
Mercury	0.092		ug/L	B	YES	J								J								12

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-658-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	5.2		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	35000		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	179		ug/L		YES	U			U												6
Lead	3		ug/L	U	YES																
Magnesium	5600		ug/L		YES																
Manganese	19		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	849		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	9880		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	19.5		ug/L	B	YES	J								J							12
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>															
Beryllium	2		ug/L	U	YES																
Thallium	0.97		ug/L	B	YES	J								J							12
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>															
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>															
4,4'-DDD	0.022		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.022		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.022		ug/L	U	YES	UJ				UJ											11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-658-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
Aldrin	0.022		ug/L	U	YES	UJ															11
alpha-BHC	0.022		ug/L	U	YES	UJ															11
alpha-Chlordane	0.022		ug/L	U	YES	UJ															11
beta-BHC	0.022		ug/L	U	YES	UJ															11
delta-BHC	0.022		ug/L	U	YES	UJ															11
Dieldrin	0.022		ug/L	U	YES	UJ															11
Endosulfan I	0.022		ug/L	U	YES	UJ															11
Endosulfan II	0.022		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.022		ug/L	U	YES	UJ															11
Endrin	0.022		ug/L	U	YES	UJ															11
Endrin aldehyde	0.022		ug/L	U	YES	UJ															11
Endrin ketone	0.056		ug/L	U	YES	UJ															11
gamma-BHC	0.022		ug/L	U	YES	UJ															11
gamma-Chlordane	0.022		ug/L	U	YES	UJ															11
Heptachlor	0.022		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.022		ug/L	U	YES	UJ															11
Methoxychlor	0.056		ug/L	U	YES	UJ															11
Toxaphene	0.28		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.56		ug/L	U	YES																
Aroclor 1221	0.56		ug/L	U	YES																
Aroclor 1232	0.56		ug/L	U	YES																
Aroclor 1242	0.56		ug/L	U	YES																
Aroclor 1248	0.56		ug/L	U	YES																
Aroclor 1254	0.56		ug/L	U	YES																
Aroclor 1260	0.56		ug/L	U	YES																
Aroclor 1262	0.56		ug/L	U	YES																
Aroclor 1268	0.56		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-658-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-T	0.23		ug/L	U	YES																
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.57		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES	UJ					UJ										9
Carbon disulfide	2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-658-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES	UJ					UJ										9
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-658-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5		ug/L	U	YES																
1,4-Dioxane	2		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	5		ug/L	U	YES																
2,4,5-Trichlorophenol	5		ug/L	U	YES																
2,4,6-Trichlorophenol	5		ug/L	U	YES																
2,4-Dichlorophenol	5		ug/L	U	YES																
2,4-Dimethylphenol	5		ug/L	U	YES																
2,4-Dinitrophenol	20		ug/L	U	YES																
2,4-Dinitrotoluene	2		ug/L	U	YES																
2,6-Dinitrotoluene	2		ug/L	U	YES																
2-Chloronaphthalene	5		ug/L	U	YES																
2-Chlorophenol	5		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																
2-Methylnaphthalene	2		ug/L	U	YES																
2-Methylphenol	5		ug/L	U	YES																
2-Nitroaniline	5		ug/L	U	YES																
2-Nitrophenol	5		ug/L	U	YES																
3&4-Methylphenol	5		ug/L	U	YES																
3,3'-Dichlorobenzidine	5		ug/L	U	YES																
3-Nitroaniline	5		ug/L	U	YES																
4-Bromophenyl phenyl ether	2		ug/L	U	YES																
4-Chloro-3-methylphenol	5		ug/L	U	YES																
4-Chloroaniline	5		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																
4-Nitroaniline	5		ug/L	U	YES																
4-Nitrophenol	20		ug/L	U	YES																
Acenaphthene	2		ug/L	U	YES																
Acenaphthylene	2		ug/L	U	YES																
Acetophenone	5		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:20

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-658-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Anthracene	2		ug/L	U	YES																
Atrazine	5		ug/L	U	YES																
Benzaldehyde	5		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-658-LAKEVIEWDR

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-1

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																
Isophorone	2		ug/L	U	YES																
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-658-LAKEVIEWDR

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74646-1F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>																
Aluminum	200		ug/L	U	YES																	
Antimony	5		ug/L	U	YES																	
Arsenic	5		ug/L	U	YES																	
Barium	5.5		ug/L	B	YES	J								J								12
Cadmium	4		ug/L	U	YES																	
Calcium	35500		ug/L		YES																	
Chromium	10		ug/L	U	YES																	
Cobalt	50		ug/L	U	YES																	
Copper	2.7		ug/L	B	YES	J								J								12
Iron	100		ug/L	U	YES																	
Lead	3		ug/L	U	YES																	
Magnesium	5710		ug/L		YES																	
Manganese	18.5		ug/L		YES																	
Nickel	2.4		ug/L	B	YES	UJ			U					J								12,6
Potassium	950		ug/L	B	YES	J								J								12
Selenium	5		ug/L	U	YES																	
Silver	10		ug/L	U	YES																	
Sodium	9940		ug/L		YES																	
Vanadium	50		ug/L	U	YES																	
Zinc	18.5		ug/L	B	YES	J								J								12
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>																
Beryllium	2		ug/L	U	YES																	
Thallium	1		ug/L	U	YES																	
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>																
Mercury	0.2		ug/L	U	YES																	

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RE

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>			<b>Dilution: 1.00</b>																		
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	50.8		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	72200		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	97.7		ug/L	B	YES	UJ			U					J							12,6
Lead	3		ug/L	U	YES																
Magnesium	8000		ug/L		YES																
Manganese	177		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1200		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	15000		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	16.2		ug/L	B	YES	J								J							12
<b>Analysis Method : 6020</b>			<b>Dilution: 2.00</b>																		
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>			<b>Dilution: 1.00</b>																		
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>			<b>Dilution: 1.00</b>																		
4,4'-DDD	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.021		ug/L	U	YES	UJ				UJ											11
Aldrin	0.021		ug/L	U	YES	UJ				UJ											11

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**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-750-LITTLEMOUNTAIN

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>															
alpha-BHC	0.021		ug/L	U	YES	UJ															11
alpha-Chlordane	0.021		ug/L	U	YES	UJ															11
beta-BHC	0.021		ug/L	U	YES	UJ															11
delta-BHC	0.021		ug/L	U	YES	UJ															11
Dieldrin	0.021		ug/L	U	YES	UJ															11
Endosulfan I	0.021		ug/L	U	YES	UJ															11
Endosulfan II	0.021		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.021		ug/L	U	YES	UJ															11
Endrin	0.021		ug/L	U	YES	UJ															11
Endrin aldehyde	0.021		ug/L	U	YES	UJ															11
Endrin ketone	0.053		ug/L	U	YES	UJ															11
gamma-BHC	0.021		ug/L	U	YES	UJ															11
gamma-Chlordane	0.021		ug/L	U	YES	UJ															11
Heptachlor	0.021		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.021		ug/L	U	YES	UJ															11
Methoxychlor	0.053		ug/L	U	YES	UJ															11
Toxaphene	0.26		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>						<b>Dilution: 1.00</b>															
Aroclor 1016	0.53		ug/L	U	YES																
Aroclor 1221	0.53		ug/L	U	YES																
Aroclor 1232	0.53		ug/L	U	YES																
Aroclor 1242	0.53		ug/L	U	YES																
Aroclor 1248	0.53		ug/L	U	YES																
Aroclor 1254	0.53		ug/L	U	YES																
Aroclor 1260	0.53		ug/L	U	YES																
Aroclor 1262	0.53		ug/L	U	YES																
Aroclor 1268	0.53		ug/L	U	YES																
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-T	0.25		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-TP (Silvex)	0.19		ug/L	U	YES																
2,4-D	0.63		ug/L	U	YES																
Pentachlorophenol	0.19		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
1,2,4,5-Tetrachlorobenzene	5.5		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-750-LITTLEMOUNTAIN

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,4-Dioxane	2.2		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	5.5		ug/L	U	YES																
2,4,5-Trichlorophenol	5.5		ug/L	U	YES																
2,4,6-Trichlorophenol	5.5		ug/L	U	YES																
2,4-Dichlorophenol	5.5		ug/L	U	YES																
2,4-Dimethylphenol	5.5		ug/L	U	YES																
2,4-Dinitrophenol	22		ug/L	U	YES																
2,4-Dinitrotoluene	2.2		ug/L	U	YES																
2,6-Dinitrotoluene	2.2		ug/L	U	YES																
2-Chloronaphthalene	5.5		ug/L	U	YES																
2-Chlorophenol	5.5		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES																
2-Methylnaphthalene	2.2		ug/L	U	YES																
2-Methylphenol	5.5		ug/L	U	YES																
2-Nitroaniline	5.5		ug/L	U	YES																
2-Nitrophenol	5.5		ug/L	U	YES																
3&4-Methylphenol	5.5		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.5		ug/L	U	YES																
3-Nitroaniline	5.5		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.5		ug/L	U	YES																
4-Chloroaniline	5.5		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES																
4-Nitroaniline	5.5		ug/L	U	YES																
4-Nitrophenol	22		ug/L	U	YES																
Acenaphthene	2.2		ug/L	U	YES																
Acenaphthylene	2.2		ug/L	U	YES																
Acetophenone	5.5		ug/L	U	YES																
Anthracene	2.2		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Atrazine	5.5		ug/L	U	YES																
Benzaldehyde	5.5		ug/L	U	YES																
Benzo(a)anthracene	2.2		ug/L	U	YES																
Benzo(a)pyrene	2.2		ug/L	U	YES																
Benzo(b)fluoranthene	2.2		ug/L	U	YES																
Benzo(g,h,i)perylene	2.2		ug/L	U	YES																
Benzo(k)fluoranthene	2.2		ug/L	U	YES																
BIPHENYL	2.2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES																
Butylbenzyl phthalate	2.2		ug/L	U	YES																
Caprolactam	2.2		ug/L	U	YES																
Carbazole	2.2		ug/L	U	YES																
Chrysene	2.2		ug/L	U	YES																
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.5		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES																
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES																
Fluorene	2.2		ug/L	U	YES																
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	22		ug/L	U	YES																
Hexachloroethane	5.5		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Isophorone	2.2		ug/L	U	YES																
Naphthalene	2.2		ug/L	U	YES																
Nitrobenzene	2.2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.5		ug/L	U	YES																
Phenanthrene	2.2		ug/L	U	YES																
Phenol	5.5		ug/L	U	YES																
Pyrene	2.2		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RE/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-750-LITTLEMOUNTAIN

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-11F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	51.3		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	71500		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	7980		ug/L		YES																
Manganese	176		ug/L		YES																
Nickel	2.8		ug/L	B	YES	UJ			U					J							12,6
Potassium	1200		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	14900		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	22.3		ug/L		YES																
<b>Analysis Method : 6020</b>		<b>Dilution: 2.00</b>																			
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>		<b>Dilution: 1.00</b>																			
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPBARHAM

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-8

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																				
Aluminum	200		ug/L	U	YES																	
Antimony	5		ug/L	U	YES																	
Arsenic	5		ug/L	U	YES																	
Barium	200		ug/L	U	YES																	
Cadmium	4		ug/L	U	YES																	
Calcium	23500		ug/L		YES																	
Chromium	10		ug/L	U	YES																	
Cobalt	50		ug/L	U	YES																	
Copper	16.5		ug/L	B	YES	J								J							12	
Iron	100		ug/L	U	YES																	
Lead	8.2		ug/L		YES																	
Magnesium	5310		ug/L		YES																	
Manganese	15		ug/L	U	YES																	
Nickel	40		ug/L	U	YES																	
Potassium	5000		ug/L	U	YES																	
Selenium	5		ug/L	U	YES																	
Silver	10		ug/L	U	YES																	
Sodium	10300		ug/L		YES																	
Vanadium	50		ug/L	U	YES																	
Zinc	57		ug/L		YES																	
<b>Analysis Method : 6020</b>		<b>Dilution: 2.00</b>																				
Beryllium	2		ug/L	U	YES																	
Thallium	1		ug/L	U	YES																	
<b>Analysis Method : 7470A</b>		<b>Dilution: 1.00</b>																				
Mercury	0.2		ug/L	U	YES																	
<b>Analysis Method : 8081A</b>		<b>Dilution: 1.00</b>																				
4,4'-DDD	0.022		ug/L	U	YES	UJ				UJ											11	
4,4'-DDE	0.022		ug/L	U	YES	UJ				UJ												11
4,4'-DDT	0.022		ug/L	U	YES	UJ				UJ												11

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPBARHAM

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-8

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
Aldrin	0.022		ug/L	U	YES	UJ															11
alpha-BHC	0.022		ug/L	U	YES	UJ															11
alpha-Chlordane	0.022		ug/L	U	YES	UJ															11
beta-BHC	0.022		ug/L	U	YES	UJ															11
delta-BHC	0.022		ug/L	U	YES	UJ															11
Dieldrin	0.022		ug/L	U	YES	UJ															11
Endosulfan I	0.022		ug/L	U	YES	UJ															11
Endosulfan II	0.022		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.022		ug/L	U	YES	UJ															11
Endrin	0.022		ug/L	U	YES	UJ															11
Endrin aldehyde	0.022		ug/L	U	YES	UJ															11
Endrin ketone	0.055		ug/L	U	YES	UJ															11
gamma-BHC	0.022		ug/L	U	YES	UJ															11
gamma-Chlordane	0.022		ug/L	U	YES	UJ															11
Heptachlor	0.022		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.022		ug/L	U	YES	UJ															11
Methoxychlor	0.055		ug/L	U	YES	UJ															11
Toxaphene	0.27		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.55		ug/L	U	YES																
Aroclor 1221	0.55		ug/L	U	YES																
Aroclor 1232	0.55		ug/L	U	YES																
Aroclor 1242	0.55		ug/L	U	YES																
Aroclor 1248	0.55		ug/L	U	YES																
Aroclor 1254	0.55		ug/L	U	YES																
Aroclor 1260	0.55		ug/L	U	YES																
Aroclor 1262	0.55		ug/L	U	YES																
Aroclor 1268	0.55		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPBARHAM

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-8

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-T	0.23		ug/L	U	YES																
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.57		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPBARHAM

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-8

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPBARHAM

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-8

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES																
1,4-Dioxane	2.1		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES																
2,4,5-Trichlorophenol	5.3		ug/L	U	YES																
2,4,6-Trichlorophenol	5.3		ug/L	U	YES																
2,4-Dichlorophenol	5.3		ug/L	U	YES																
2,4-Dimethylphenol	5.3		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.3		ug/L	U	YES																
2-Chlorophenol	5.3		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.3		ug/L	U	YES																
2-Nitroaniline	5.3		ug/L	U	YES																
2-Nitrophenol	5.3		ug/L	U	YES																
3&4-Methylphenol	5.3		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES																
3-Nitroaniline	5.3		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.3		ug/L	U	YES																
4-Chloroaniline	5.3		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.3		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.3		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-CAMPBARHAM

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-8

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Anthracene	2.1		ug/L	U	YES																
Atrazine	5.3		ug/L	U	YES																
Benzaldehyde	5.3		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.3		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.3		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-CAMPBARHAM

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-8

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																
Isophorone	2.1		ug/L	U	YES																
Naphthalene	2.1		ug/L	U	YES																
Nitrobenzene	2.1		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.3		ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.3		ug/L	U	YES																
Pyrene	2.1		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPBARHAM

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74646-8F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	22900		ug/L		YES																
Chromium	2.6		ug/L	B	YES	UJ			U					J							12,6
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	100		ug/L	U	YES																
Lead	35.7		ug/L		YES																
Magnesium	5260		ug/L		YES																
Manganese	15		ug/L	U	YES																
Nickel	2.2		ug/L	B	YES	UJ			U					J							12,6
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	10300		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	69.9		ug/L		YES																
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>															
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPEASON

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	10200		ug/L		YES																
Chromium	0.92		ug/L	B	YES	UJ			U					J							12,6
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L		YES																
Iron	100		ug/L	U	YES																
Lead	12.1		ug/L		YES																
Magnesium	4060		ug/L	B	YES	J								J							12
Manganese	2.8		ug/L	B	YES	UJ			U					J							12,6
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	10400		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	26.9		ug/L		YES																
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>															
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>															
4,4'-DDD	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.021		ug/L	U	YES	UJ				UJ											11

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPEASON

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
Aldrin	0.021		ug/L	U	YES	UJ															11
alpha-BHC	0.021		ug/L	U	YES	UJ															11
alpha-Chlordane	0.021		ug/L	U	YES	UJ															11
beta-BHC	0.021		ug/L	U	YES	UJ															11
delta-BHC	0.021		ug/L	U	YES	UJ															11
Dieldrin	0.021		ug/L	U	YES	UJ															11
Endosulfan I	0.021		ug/L	U	YES	UJ															11
Endosulfan II	0.021		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.021		ug/L	U	YES	UJ															11
Endrin	0.021		ug/L	U	YES	UJ															11
Endrin aldehyde	0.021		ug/L	U	YES	UJ															11
Endrin ketone	0.053		ug/L	U	YES	UJ															11
gamma-BHC	0.021		ug/L	U	YES	UJ															11
gamma-Chlordane	0.021		ug/L	U	YES	UJ															11
Heptachlor	0.021		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.021		ug/L	U	YES	UJ															11
Methoxychlor	0.053		ug/L	U	YES	UJ															11
Toxaphene	0.27		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.53		ug/L	U	YES																
Aroclor 1221	0.53		ug/L	U	YES																
Aroclor 1232	0.53		ug/L	U	YES																
Aroclor 1242	0.53		ug/L	U	YES																
Aroclor 1248	0.53		ug/L	U	YES																
Aroclor 1254	0.53		ug/L	U	YES																
Aroclor 1260	0.53		ug/L	U	YES																
Aroclor 1262	0.53		ug/L	U	YES																
Aroclor 1268	0.53		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-CAMPEASON

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-10

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>																
2,4,5-T	0.23		ug/L	U	YES																	
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																	
2,4-D	0.57		ug/L	U	YES																	
Pentachlorophenol	0.17		ug/L	U	YES																	
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>																
1,1,1-Trichloroethane	1		ug/L	U	YES																	
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																	
1,1,2-Trichloroethane	1		ug/L	U	YES																	
1,1-Dichloroethane	1		ug/L	U	YES																	
1,1-Dichloroethene	1		ug/L	U	YES																	
1,2,3-Trichlorobenzene	5		ug/L	U	YES																	
1,2,4-Trichlorobenzene	5		ug/L	U	YES																	
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																	
1,2-Dibromoethane	2		ug/L	U	YES																	
1,2-Dichlorobenzene	1		ug/L	U	YES																	
1,2-Dichloroethane	1		ug/L	U	YES																	
1,2-Dichloropropane	1		ug/L	U	YES																	
1,3-Dichlorobenzene	1		ug/L	U	YES																	
1,4-Dichlorobenzene	1		ug/L	U	YES																	
2-Butanone	10		ug/L	U	YES																	
2-Hexanone	5		ug/L	U	YES																	
4-METHYL-2-PENTANONE	5		ug/L	U	YES																	
Acetone	10		ug/L	U	YES																	
Benzene	1		ug/L	U	YES																	
Bromochloromethane	5		ug/L	U	YES																	
Bromodichloromethane	1		ug/L	U	YES																	
Bromoform	4		ug/L	U	YES																	
Bromomethane	2		ug/L	U	YES																	
Carbon disulfide	2		ug/L	U	YES																	

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPEASON

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	0.23		ug/L	J	YES	J								J							12
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-CAMPEASON

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/10/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5.5		ug/L	U	YES																
1,4-Dioxane	2.2		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	5.5		ug/L	U	YES																
2,4,5-Trichlorophenol	5.5		ug/L	U	YES																
2,4,6-Trichlorophenol	5.5		ug/L	U	YES																
2,4-Dichlorophenol	5.5		ug/L	U	YES																
2,4-Dimethylphenol	5.5		ug/L	U	YES																
2,4-Dinitrophenol	22		ug/L	U	YES																
2,4-Dinitrotoluene	2.2		ug/L	U	YES																
2,6-Dinitrotoluene	2.2		ug/L	U	YES																
2-Chloronaphthalene	5.5		ug/L	U	YES																
2-Chlorophenol	5.5		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES																
2-Methylnaphthalene	2.2		ug/L	U	YES																
2-Methylphenol	5.5		ug/L	U	YES																
2-Nitroaniline	5.5		ug/L	U	YES																
2-Nitrophenol	5.5		ug/L	U	YES																
3&4-Methylphenol	5.5		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.5		ug/L	U	YES																
3-Nitroaniline	5.5		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.5		ug/L	U	YES																
4-Chloroaniline	5.5		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES																
4-Nitroaniline	5.5		ug/L	U	YES																
4-Nitrophenol	22		ug/L	U	YES																
Acenaphthene	2.2		ug/L	U	YES																
Acenaphthylene	2.2		ug/L	U	YES																
Acetophenone	5.5		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-CAMPEASON

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-10

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Anthracene	2.2		ug/L	U	YES																
Atrazine	5.5		ug/L	U	YES																
Benzaldehyde	5.5		ug/L	U	YES																
Benzo(a)anthracene	2.2		ug/L	U	YES																
Benzo(a)pyrene	2.2		ug/L	U	YES																
Benzo(b)fluoranthene	2.2		ug/L	U	YES																
Benzo(g,h,i)perylene	2.2		ug/L	U	YES																
Benzo(k)fluoranthene	2.2		ug/L	U	YES																
BIPHENYL	2.2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	9.3		ug/L		YES																
Butylbenzyl phthalate	2.2		ug/L	U	YES																
Caprolactam	2.2		ug/L	U	YES																
Carbazole	2.2		ug/L	U	YES																
Chrysene	2.2		ug/L	U	YES																
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.5		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES																
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES																
Fluorene	2.2		ug/L	U	YES																
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	22		ug/L	U	YES																
Hexachloroethane	5.5		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-CAMPEASON

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-10

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES																
Isophorone	2.2		ug/L	U	YES																
Naphthalene	2.2		ug/L	U	YES																
Nitrobenzene	2.2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.5		ug/L	U	YES																
Phenanthrene	2.2		ug/L	U	YES																
Phenol	5.5		ug/L	U	YES																
Pyrene	2.2		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-CAMPEASON

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/10/2004

**Analysis Type:** RES/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-10F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>																
Aluminum	200		ug/L	U	YES																	
Antimony	5		ug/L	U	YES																	
Arsenic	5.2		ug/L		YES	U			U													6
Barium	200		ug/L	U	YES																	
Cadmium	4		ug/L	U	YES																	
Calcium	10400		ug/L		YES																	
Chromium	1.3		ug/L	B	YES	UJ			U					J								12,6
Cobalt	50		ug/L	U	YES																	
Copper	10.1		ug/L	B	YES	J								J								12
Iron	100		ug/L	U	YES																	
Lead	3		ug/L	U	YES																	
Magnesium	4170		ug/L	B	YES	J								J								12
Manganese	2.8		ug/L	B	YES	UJ			U					J								12,6
Nickel	40		ug/L	U	YES																	
Potassium	5000		ug/L	U	YES																	
Selenium	5		ug/L	U	YES																	
Silver	10		ug/L	U	YES																	
Sodium	10200		ug/L		YES																	
Vanadium	50		ug/L	U	YES																	
Zinc	22.2		ug/L		YES																	
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>																
Beryllium	2		ug/L	U	YES																	
Thallium	1		ug/L	U	YES																	
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>																
Mercury	0.2		ug/L	U	YES																	

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDDUP1

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RE

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-6

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP1

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	11700		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	10.2		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	7.1		ug/L		YES																
Magnesium	3380		ug/L	B	YES	J								J							12
Manganese	8		ug/L	B	YES	UJ			U					J							12,6
Nickel	2.1		ug/L	B	YES	UJ			U					J							12,6
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11200		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	10.5		ug/L	B	YES	J								J							12
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.15		ug/L	B	YES	J								J							12
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
4,4'-DDD	0.024		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.024		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.024		ug/L	U	YES	UJ				UJ											11
Aldrin	0.024		ug/L	U	YES	UJ				UJ											11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDUP1

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
alpha-BHC	0.024		ug/L	U	YES	UJ				UJ											11
alpha-Chlordane	0.024		ug/L	U	YES	UJ				UJ											11
beta-BHC	0.024		ug/L	U	YES	UJ				UJ											11
delta-BHC	0.024		ug/L	U	YES	UJ				UJ											11
Dieldrin	0.024		ug/L	U	YES	UJ				UJ											11
Endosulfan I	0.024		ug/L	U	YES	UJ				UJ											11
Endosulfan II	0.024		ug/L	U	YES	UJ				UJ											11
Endosulfan sulfate	0.024		ug/L	U	YES	UJ				UJ											11
Endrin	0.024		ug/L	U	YES	UJ				UJ											11
Endrin aldehyde	0.024		ug/L	U	YES	UJ				UJ											11
Endrin ketone	0.06		ug/L	U	YES	UJ				UJ											11
gamma-BHC	0.024		ug/L	U	YES	UJ				UJ											11
gamma-Chlordane	0.024		ug/L	U	YES	UJ				UJ											11
Heptachlor	0.024		ug/L	U	YES	UJ				UJ											11
Heptachlor epoxide	0.024		ug/L	U	YES	UJ				UJ											11
Methoxychlor	0.06		ug/L	U	YES	UJ				UJ											11
Toxaphene	0.3		ug/L	U	YES																
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.6		ug/L	U	YES																
Aroclor 1221	0.6		ug/L	U	YES																
Aroclor 1232	0.6		ug/L	U	YES																
Aroclor 1242	0.6		ug/L	U	YES																
Aroclor 1248	0.6		ug/L	U	YES																
Aroclor 1254	0.6		ug/L	U	YES																
Aroclor 1260	0.6		ug/L	U	YES																
Aroclor 1262	0.6		ug/L	U	YES																
Aroclor 1268	0.6		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					
2,4,5-T	0.23		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDDUP1

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-6

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.57		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDDUP1

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-6

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDUP1

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-6

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,4-Dioxane	2.1		ug/L	U	YES	UJ															11
2,3,4,6-Tetrachlorophenol	5.2		ug/L	U	YES																
2,4,5-Trichlorophenol	5.2		ug/L	U	YES																
2,4,6-Trichlorophenol	5.2		ug/L	U	YES																
2,4-Dichlorophenol	5.2		ug/L	U	YES																
2,4-Dimethylphenol	5.2		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.2		ug/L	U	YES																
2-Chlorophenol	5.2		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.2		ug/L	U	YES																
2-Nitroaniline	5.2		ug/L	U	YES																
2-Nitrophenol	5.2		ug/L	U	YES																
3&4-Methylphenol	5.2		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.2		ug/L	U	YES																
3-Nitroaniline	5.2		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.2		ug/L	U	YES																
4-Chloroaniline	5.2		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.2		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.2		ug/L	U	YES																
Anthracene	2.1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP1

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C																					
Dilution: 1.00																					
Atrazine	5.2		ug/L	U	YES																
Benzaldehyde	5.2		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.2		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.2		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDDUP1

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-6

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>																
Isophorone	2.1		ug/L	U	YES																	
Naphthalene	2.1		ug/L	U	YES																	
Nitrobenzene	2.1		ug/L	U	YES																	
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																	
N-Nitrosodiphenylamine	5.2		ug/L	U	YES																	
Phenanthrene	2.1		ug/L	U	YES																	
Phenol	5.2		ug/L	U	YES																	
Pyrene	2.1		ug/L	U	YES																	
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>																
Cyanide	0.01		mg/l	U	YES																	

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP1

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74646-6F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	11400		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	4.6		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	2.9		ug/L	B	YES	J								J							12
Magnesium	3350		ug/L	B	YES	J								J							12
Manganese	5.4		ug/L	B	YES	UJ			U					J							12,6
Nickel	3		ug/L	B	YES	UJ			U					J							12,6
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	10900		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	10.6		ug/L	B	YES	J								J							12
<b>Analysis Method : 6020</b>		<b>Dilution: 2.00</b>																			
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>		<b>Dilution: 1.00</b>																			
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-NCNG

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	34500		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	131		ug/L		YES																
Iron	100		ug/L	U	YES																
Lead	14.8		ug/L		YES																
Magnesium	9100		ug/L		YES																
Manganese	4.7		ug/L	B	YES	UJ			U					J							12,6
Nickel	40		ug/L	U	YES																
Potassium	595		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	10900		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	364		ug/L		YES																
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>															
Mercury	0.2		ug/L	U	YES																
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>															
4,4'-DDD	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDE	0.021		ug/L	U	YES	UJ				UJ											11
4,4'-DDT	0.021		ug/L	U	YES	UJ				UJ											11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-NCNG

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
Aldrin	0.021		ug/L	U	YES	UJ															11
alpha-BHC	0.021		ug/L	U	YES	UJ															11
alpha-Chlordane	0.021		ug/L	U	YES	UJ															11
beta-BHC	0.021		ug/L	U	YES	UJ															11
delta-BHC	0.021		ug/L	U	YES	UJ															11
Dieldrin	0.021		ug/L	U	YES	UJ															11
Endosulfan I	0.021		ug/L	U	YES	UJ															11
Endosulfan II	0.021		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.021		ug/L	U	YES	UJ															11
Endrin	0.021		ug/L	U	YES	UJ															11
Endrin aldehyde	0.021		ug/L	U	YES	UJ															11
Endrin ketone	0.053		ug/L	U	YES	UJ															11
gamma-BHC	0.021		ug/L	U	YES	UJ															11
gamma-Chlordane	0.021		ug/L	U	YES	UJ															11
Heptachlor	0.021		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.021		ug/L	U	YES	UJ															11
Methoxychlor	0.053		ug/L	U	YES	UJ															11
Toxaphene	0.26		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.53		ug/L	U	YES																
Aroclor 1221	0.53		ug/L	U	YES																
Aroclor 1232	0.53		ug/L	U	YES																
Aroclor 1242	0.53		ug/L	U	YES																
Aroclor 1248	0.53		ug/L	U	YES																
Aroclor 1254	0.53		ug/L	U	YES																
Aroclor 1260	0.53		ug/L	U	YES																
Aroclor 1262	0.53		ug/L	U	YES																
Aroclor 1268	0.53		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-NCNG

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					
2,4,5-T	0.23		ug/L	U	YES																
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.57		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-NCNG

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-NCNG

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5.6		ug/L	U	YES																
1,4-Dioxane	2.2		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	5.6		ug/L	U	YES																
2,4,5-Trichlorophenol	5.6		ug/L	U	YES																
2,4,6-Trichlorophenol	5.6		ug/L	U	YES																
2,4-Dichlorophenol	5.6		ug/L	U	YES																
2,4-Dimethylphenol	5.6		ug/L	U	YES																
2,4-Dinitrophenol	22		ug/L	U	YES																
2,4-Dinitrotoluene	2.2		ug/L	U	YES																
2,6-Dinitrotoluene	2.2		ug/L	U	YES																
2-Chloronaphthalene	5.6		ug/L	U	YES																
2-Chlorophenol	5.6		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES																
2-Methylnaphthalene	2.2		ug/L	U	YES																
2-Methylphenol	5.6		ug/L	U	YES																
2-Nitroaniline	5.6		ug/L	U	YES																
2-Nitrophenol	5.6		ug/L	U	YES																
3&4-Methylphenol	5.6		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.6		ug/L	U	YES																
3-Nitroaniline	5.6		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.6		ug/L	U	YES																
4-Chloroaniline	5.6		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES																
4-Nitroaniline	5.6		ug/L	U	YES																
4-Nitrophenol	22		ug/L	U	YES																
Acenaphthene	2.2		ug/L	U	YES																
Acenaphthylene	2.2		ug/L	U	YES																
Acetophenone	5.6		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-NCNG

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
Anthracene	2.2		ug/L	U	YES																
Atrazine	5.6		ug/L	U	YES																
Benzaldehyde	5.6		ug/L	U	YES																
Benzo(a)anthracene	2.2		ug/L	U	YES																
Benzo(a)pyrene	2.2		ug/L	U	YES																
Benzo(b)fluoranthene	2.2		ug/L	U	YES																
Benzo(g,h,i)perylene	2.2		ug/L	U	YES																
Benzo(k)fluoranthene	2.2		ug/L	U	YES																
BIPHENYL	2.2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES																
Butylbenzyl phthalate	2.2		ug/L	U	YES																
Caprolactam	2.2		ug/L	U	YES																
Carbazole	2.2		ug/L	U	YES																
Chrysene	2.2		ug/L	U	YES																
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.6		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES																
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES																
Fluorene	2.2		ug/L	U	YES																
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	2.2		ug/L	U	YES																
Hexachloroethane	5.6		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-NCNG

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES																
Isophorone	2.2		ug/L	U	YES																
Naphthalene	2.2		ug/L	U	YES																
Nitrobenzene	2.2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.6		ug/L	U	YES																
Phenanthrene	2.2		ug/L	U	YES																
Phenol	5.6		ug/L	U	YES																
Pyrene	2.2		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-NCNG

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-5F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	4.4		ug/L	B	YES	UJ			U					J							12,6
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	34600		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	100		ug/L	U	YES																
Lead	2.8		ug/L	B	YES	J								J							12
Magnesium	9220		ug/L		YES																
Manganese	4.1		ug/L	B	YES	UJ			U					J							12,6
Nickel	40		ug/L	U	YES																
Potassium	623		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11200		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	275		ug/L		YES																
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>															
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RWB0804-3536-FLETCHERSWAY

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 6010B</b>						<b>Dilution: 1.00</b>																
Aluminum	200		ug/L	U	YES																	
Antimony	5		ug/L	U	YES																	
Arsenic	5		ug/L	U	YES																	
Barium	8.5		ug/L	B	YES	J								J								12
Cadmium	4		ug/L	U	YES																	
Calcium	5780		ug/L		YES																	
Chromium	10		ug/L	U	YES																	
Cobalt	50		ug/L	U	YES																	
Copper	6.3		ug/L	B	YES	J								J								12
Iron	385		ug/L		YES																	
Lead	3		ug/L	U	YES																	
Magnesium	3560		ug/L	B	YES	J								J								12
Manganese	93.4		ug/L		YES																	
Nickel	2.2		ug/L	B	YES	UJ			U					J								12,6
Potassium	1190		ug/L	B	YES	J								J								12
Selenium	5		ug/L	U	YES																	
Silver	10		ug/L	U	YES																	
Sodium	8240		ug/L		YES																	
Vanadium	50		ug/L	U	YES																	
Zinc	16.3		ug/L	B	YES	J								J								12
<b>Analysis Method : 6020</b>						<b>Dilution: 2.00</b>																
Beryllium	2		ug/L	U	YES																	
Thallium	1		ug/L	U	YES																	
<b>Analysis Method : 7470A</b>						<b>Dilution: 1.00</b>																
Mercury	0.2		ug/L	U	YES																	
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>																
4,4'-DDD	0.022		ug/L	U	YES	UJ				UJ												11
4,4'-DDE	0.022		ug/L	U	YES	UJ				UJ												11
4,4'-DDT	0.022		ug/L	U	YES	UJ				UJ												11

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RWB0804-3536-FLETCHERSWAY

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>																					
<b>Dilution: 1.00</b>																					
Aldrin	0.022		ug/L	U	YES	UJ															11
alpha-BHC	0.022		ug/L	U	YES	UJ															11
alpha-Chlordane	0.022		ug/L	U	YES	UJ															11
beta-BHC	0.022		ug/L	U	YES	UJ															11
delta-BHC	0.022		ug/L	U	YES	UJ															11
Dieldrin	0.022		ug/L	U	YES	UJ															11
Endosulfan I	0.022		ug/L	U	YES	UJ															11
Endosulfan II	0.022		ug/L	U	YES	UJ															11
Endosulfan sulfate	0.022		ug/L	U	YES	UJ															11
Endrin	0.022		ug/L	U	YES	UJ															11
Endrin aldehyde	0.022		ug/L	U	YES	UJ															11
Endrin ketone	0.054		ug/L	U	YES	UJ															11
gamma-BHC	0.022		ug/L	U	YES	UJ															11
gamma-Chlordane	0.022		ug/L	U	YES	UJ															11
Heptachlor	0.022		ug/L	U	YES	UJ															11
Heptachlor epoxide	0.022		ug/L	U	YES	UJ															11
Methoxychlor	0.054		ug/L	U	YES	UJ															11
Toxaphene	0.27		ug/L	U	YES	UJ															11
<b>Analysis Method : 8082</b>																					
<b>Dilution: 1.00</b>																					
Aroclor 1016	0.54		ug/L	U	YES																
Aroclor 1221	0.54		ug/L	U	YES																
Aroclor 1232	0.54		ug/L	U	YES																
Aroclor 1242	0.54		ug/L	U	YES																
Aroclor 1248	0.54		ug/L	U	YES																
Aroclor 1254	0.54		ug/L	U	YES																
Aroclor 1260	0.54		ug/L	U	YES																
Aroclor 1262	0.54		ug/L	U	YES																
Aroclor 1268	0.54		ug/L	U	YES																
<b>Analysis Method : 8151A</b>																					
<b>Dilution: 1.00</b>																					

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RWB0804-3536-FLETCHERSWAY

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-T	0.23		ug/L	U	YES																
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.57		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RWB0804-3536-FLETCHERSWAY

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8260B</b>																						
<b>Dilution: 1.00</b>																						
Carbon tetrachloride	1		ug/L	U	YES																	
Chlorobenzene	1		ug/L	U	YES																	
Chloroethane	1		ug/L	U	YES																	
Chloroform	1		ug/L	U	YES																	
Chloromethane	1		ug/L	U	YES																	
cis-1,2-Dichloroethene	1		ug/L	U	YES																	
cis-1,3-Dichloropropene	1		ug/L	U	YES																	
Cyclohexane	5		ug/L	U	YES																	
Dibromochloromethane	1		ug/L	U	YES																	
Dichlorodifluoromethane	5		ug/L	U	YES																	
Ethylbenzene	1		ug/L	U	YES																	
Freon 113	5		ug/L	U	YES																	
Isopropylbenzene	2		ug/L	U	YES																	
M,P-XYLENE	1		ug/L	U	YES																	
Methyl Acetate	5		ug/L	U	YES																	
Methyl tert-butyl ether	1		ug/L	U	YES																	
Methylcyclohexane	5		ug/L	U	YES																	
Methylene chloride	2		ug/L	U	YES																	
o-Xylene	1		ug/L	U	YES																	
Styrene	5		ug/L	U	YES																	
Tetrachloroethene	1		ug/L	U	YES																	
Toluene	1		ug/L	U	YES																	
Total Xylenes	1		ug/L	U	YES																	
trans-1,2-Dichloroethene	1		ug/L	U	YES																	
trans-1,3-Dichloropropene	1		ug/L	U	YES																	
Trichloroethene	1		ug/L	U	YES																	
Trichlorofluoromethane	5		ug/L	U	YES																	
Vinyl chloride	1		ug/L	U	YES																	
<b>Analysis Method : 8270C</b>																						
<b>Dilution: 1.00</b>																						

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:21

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RWB0804-3536-FLETCHERSWAY

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>																					
<b>Dilution: 1.00</b>																					
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES																
1,4-Dioxane	2.1		ug/L	U	YES	UJ				UJ											11
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES																
2,4,5-Trichlorophenol	5.3		ug/L	U	YES																
2,4,6-Trichlorophenol	5.3		ug/L	U	YES																
2,4-Dichlorophenol	5.3		ug/L	U	YES																
2,4-Dimethylphenol	5.3		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.3		ug/L	U	YES																
2-Chlorophenol	5.3		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.3		ug/L	U	YES																
2-Nitroaniline	5.3		ug/L	U	YES																
2-Nitrophenol	5.3		ug/L	U	YES																
3&4-Methylphenol	5.3		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES																
3-Nitroaniline	5.3		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.3		ug/L	U	YES																
4-Chloroaniline	5.3		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.3		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.3		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RWB0804-3536-FLETCHERSWAY

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74646-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8270C</b>																						
<b>Dilution: 1.00</b>																						
Anthracene	2.1		ug/L	U	YES																	
Atrazine	5.3		ug/L	U	YES																	
Benzaldehyde	5.3		ug/L	U	YES																	
Benzo(a)anthracene	2.1		ug/L	U	YES																	
Benzo(a)pyrene	2.1		ug/L	U	YES																	
Benzo(b)fluoranthene	2.1		ug/L	U	YES																	
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																	
Benzo(k)fluoranthene	2.1		ug/L	U	YES																	
BIPHENYL	2.1		ug/L	U	YES																	
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																	
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																	
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																	
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																	
Butylbenzyl phthalate	2.1		ug/L	U	YES																	
Caprolactam	2.1		ug/L	U	YES																	
Carbazole	2.1		ug/L	U	YES																	
Chrysene	2.1		ug/L	U	YES																	
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																	
Dibenzofuran	5.3		ug/L	U	YES																	
Diethyl phthalate	2.1		ug/L	U	YES																	
Dimethyl phthalate	2.1		ug/L	U	YES																	
Di-n-butyl phthalate	2.1		ug/L	U	YES																	
Di-n-octyl phthalate	2.1		ug/L	U	YES																	
Fluoranthene	2.1		ug/L	U	YES																	
Fluorene	2.1		ug/L	U	YES																	
Hexachlorobenzene	2.1		ug/L	U	YES																	
Hexachlorobutadiene	2.1		ug/L	U	YES																	
Hexachlorocyclopentadiene	21		ug/L	U	YES																	
Hexachloroethane	5.3		ug/L	U	YES																	

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Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RWB0804-3536-FLETCHERSWAY

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-4

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																
Isophorone	2.1		ug/L	U	YES																
Naphthalene	2.1		ug/L	U	YES																
Nitrobenzene	2.1		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.3		ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.3		ug/L	U	YES																
Pyrene	2.1		ug/L	U	YES																
<b>Analysis Method : 9012A</b>						<b>Dilution: 1.00</b>															
Cyanide	0.01		mg/l	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RWB0804-3536-FLETCHERSWAY

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RE/DIS

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-4F

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV	Reason Codes
<b>Analysis Method : 6010B</b>		<b>Dilution: 1.00</b>																			
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RWB0804-3536-FLETCHERSWAY

Lab Report Batch : N74646

Lab ID : ACTD

Sample Date : 08/09/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74646-4F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 6010B</b>																					
<b>Dilution: 1.00</b>																					
Aluminum	200		ug/L	U	YES																
Arsenic	4.5		ug/L	B	YES	UJ			U					J							12,6
Barium	8.7		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	5970		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	4.2		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	3700		ug/L	B	YES	J								J							12
Manganese	96.4		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1260		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	8380		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	18.6		ug/L	B	YES	J								J							12
<b>Analysis Method : 6020</b>																					
<b>Dilution: 2.00</b>																					
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
<b>Analysis Method : 7470A</b>																					
<b>Dilution: 1.00</b>																					
Mercury	0.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** TRIP BLANK

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-7

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 1.00</b>																					
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** TRIP BLANK

**Lab Report Batch :** N74646

**Lab ID :** ACTD

**Sample Date :** 08/09/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74646-7

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes	
<b>Analysis Method : 8260B</b>		<b>Dilution: 1.00</b>																				
cis-1,2-Dichloroethene	1		ug/L	U	YES																	
cis-1,3-Dichloropropene	1		ug/L	U	YES																	
Cyclohexane	5		ug/L	U	YES																	
Dibromochloromethane	1		ug/L	U	YES																	
Dichlorodifluoromethane	5		ug/L	U	YES																	
Ethylbenzene	1		ug/L	U	YES																	
Freon 113	5		ug/L	U	YES																	
Isopropylbenzene	2		ug/L	U	YES																	
M,P-XYLENE	1		ug/L	U	YES																	
Methyl Acetate	5		ug/L	U	YES																	
Methyl tert-butyl ether	1		ug/L	U	YES																	
Methylcyclohexane	5		ug/L	U	YES																	
Methylene chloride	2		ug/L	U	YES																	
o-Xylene	1		ug/L	U	YES																	
Styrene	5		ug/L	U	YES																	
Tetrachloroethene	1		ug/L	U	YES																	
Toluene	1		ug/L	U	YES																	
Total Xylenes	1		ug/L	U	YES																	
trans-1,2-Dichloroethene	1		ug/L	U	YES																	
trans-1,3-Dichloropropene	1		ug/L	U	YES																	
Trichloroethene	1		ug/L	U	YES																	
Trichlorofluoromethane	5		ug/L	U	YES																	
Vinyl chloride	1		ug/L	U	YES																	