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# Veterans-For-Change

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Client Sample ID : E11-115-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872029 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quas*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 6010C					Difutio	วก: 1														
Arsenic	2.70		mg/kg		YES		[]	1	l	1		ĺ	l		l i		L		<u> </u>	1
Arsenic	2.70		mg/kg		YES		<u> </u>	l	l	<u> </u>	<u>                                     </u>	[	[	ĺ	]		l			
Barium	50.5		mg/kg		YES		1	l	l	1	<u> </u>	<u> </u>	1		1					1
8arium	50.5	<u> </u>	mg/kg		YES						l	1	l				]			
Cadmium	0.597		mg/kg		YES	IJ			υ	1	1	Ì			i i					1
Cadmium	0.597		mg/kg		YES	U			U	<u> </u>	<u> </u>	L								1
Chromium	5.44		mg/kg		YES				l		l	ļ								
Chromium	5.44		mg/kg		YES				·									.,,,,,,,,		
Lead	14,1		mg/kg		YES							)								1
Lead	14.1		mg/kg		YES					1	f.				1					i
Selenium	2.22		mg/kg	υ	YES															1
Selenium	2.22		mg/kg	U	YES					1							1			
Silver	1.11		mg/kg	U	YES		1	1							1					
Silver	1.11		mg/kg	U	YES														j	,
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0.00741	:	mg/kg	J	YES		- 1	- 1							1		1	i	i	
Analysis Method : 8081					Dilutio	n: 1														
4,4'-DDD	10.8	;	ug/Kg	υ	YES	1	1					- 1			1		į	1	[	
4,4'-DDD	10.8	1	ug/Kg	U	YES :			ļ			1	I		-			1		1	
4,4'-DDF	10.8	;	ug/Kg	Ų	YES		1	1	١			I			į					
4,4'-DDE	10.8	į	ug/Kg	U	YES	į		l				1		ſ	1	1		1	· · · · · · ·	
4,4'-DDT	1.38	1	ug/Kg	JР	YES :	Ü			U			1	i			1		I	i	
4,4'-DDT	1.38		ug/Kg	JP	YES	U		1	U		1	1					į		1	1
Aldrin	10.8	;	ug/Kg	υ	YES	i										I	-			1
Aldrin	10.8		ug/Kg	v ;	YES	1				[			3					1	i	ļ
alpha-BHC	10.8		ug/Kg	V	YES		1		1			1		1		1		1	1	
alpha-BHC	10.8	·····	ug/Kg	U	YES		1	1	1		į	Ï		1		1	1			,i

Project Number and Name:

- 11-032E Carroll Agent Orange

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<sup>\*</sup> 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

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Analysis Method : 8081					Dilutio	on: 1						· · · · · · · · · · · · · · · · · · ·								
alpha-Chlordane	10.8		ug/Kg	υ	YES				[	1	1					!	[ [			
alpha-Chlordane	10.8		ug/Kg	ប	YES		,		1									•••••		
beta-BHC	10.8		ug/Kg	U	YES		1	,,,,,,,,			1		1						1	1
beta-BHC	10.8		ug/Kg	U	YES						}									
Chlordane	36.0		ug/Kg	U	YES															
Chiordane	36.0		ug/Kg	U	YES		1		1											
delta-BHC	10.8		ug/Kg	U	YES	1	1				ļ				l i					1
delta-BHC	10.8		ug/Kg	U	YES	1			· · · · · ·											
Dieldrin	10.8		ug/Kg	υ	YES										1 1		}			
Dieldrin	10.8		ug/Kg	U	YES		1													
Endosulfan I	10.8		ug/Kg	U	YES		1													1
Endosulfan I	10.8		ug/Kg	υ	YES		· · · · · · · · ·			i i					í		1			1
Endosulfan II	10.8		ug/Kg	U	YES	1				į							· · · · · · · · · · · · · · · · · · ·			
Endosulfan II	10.8	į	ug/Kg	υ	YES	1								··I	ļ		1	i		
Endosulfan sulfate	10.8		ug/Kg	U	YES		-						1				1	1		
Endosulfan sulfate	10.8	;	ug/Kg	U	YES		1				1		1			]				
Endrin	10.8		ug/Kg	U	YES	i		1	1		1	1	}		i		1	1	· · · · · · · · · · · · · · · · · · ·	
Endrin	10.8		ид/Кд	U	YES		-	1			I	1		j		1	1	1		
Endrin aldehyde	10.8	i	ug/Kg	u į	YES	1	1	1	ı		į	1	1	ı		1	·····	I	1	
Endrin aldehyde	10.8		ug/Kg	u	YES	)	ĺ	1		i		1	)	1	· · · · · · · · · · · · · · · · · · ·			1	1	i
Endrin ketone	10.8		ug/Kg	U ;	YES		1							1		1		ĺ	· · · · · · · i	1
Endrin kelone	10.8		пвука	U į	YES			1					1			1		1		1
gamma-BHC (Lindane)	10.8		ug/Kg	U	YES	1	1			i	·····	Ì	]		1		1		i	1
gamma-BHC (Lindane)	10,8	ì	ug/Kg	υ	YES			1		1		1		İ		1				i
gamma-Chlordane	10.8	i	ug/Kg	U	YES			Ï	1		I			1		ĺ		i		i
gamma-Chlordane	10.8	]	ug/Kg	U	YES	1	· · · · · · · · · · · · · · · · · · ·	1	1	····		i	1	1	1	1	1	1		í

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Sample Matrix : SO

Lab Sample ID: 31101872029

Reviewed By / Date :

#### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCV
Analysis Method : 8081					Dilutio	on: 1													~	
Heptachlor	10.8	;	ug/Kg	U	YES						1	1					1		1	1
Heptachior	10.8	,	ug/Kg	U	YES		1				1				1	******			1	
Heptachlor epoxide	10.8	!	ug/Kg	U	YES					1	}		İ	1					1	
Heptachlor epoxide	10.8		ug/Kg	U	YES				1					1	l i				-	
Methoxychlor	10,8		ug/Kg	U	YES		1					1								
Methoxychlor	10.8		ug/Kg	U	YES		1				1	}			1					
Toxaphene	36.0		ug/Kg	U	YES						1				1					
Toxaphene	36.0		ug/Kg	ប	YES								1	1					1	
Analysis Method : 8151					Dilutio	n: 1														
2,4,5-T	0.0180		mg/kg	U	YES		1		1	l	<u>.</u>	!	l	f	[]				l	1
2,4,5-TP (Silvex)	0.0180		mg/kg	U	YES		1			l									]	1
2,4'-D	0.0180		mg/kg	U	YES				l				1		1				1	
2,4-DB	0,0180		mg/kg	U	YES	1			i								;			
Dicamba	0.0180		mg/kg	U	YES															
Analysis Method : 8260B					Dilutic	n: 1									***********					
1,1,1,2-Tetrachloroethane	4.10	<u></u>	ug/Kg	U	YES				<u> </u>											
1,1,1-Trichloroethane	4.10	<u>i</u>	ug/Kg	U	YES :				<u> </u>						1		1			!
1,1,2,2-Tetrachloroethane	4.10	<u>.</u>	ug/Kg	υ	YES										[					
1.1.2-Trichloroethane	4,10		ug/Kg	U	YES				<u> </u>											
1,1-Dichloroethane	4.10		ug/Kg	υ	YES	1						Ì								
1,1-Dichloroethene	4.10		ug/Kg	υ	YES :	l	1													
1,1-Dichlorepropene	4.10	<u> </u>	ug/Kg	υ :	YES		1										]			
1,2,3-Trichlorobenzene	4.10	- 1	ug/Kg	υį	YES		I					1								
1,2,3-Trichloropropane	4.10		ug/Kg	U	YES											1				
1,2,4-Trichlorobenzene	4.10	)	ug/Kg	U	YES	ı			J			1		1				1	ı [	İ
1,2,4-Trimelhylbenzene	4.10		ug/Kg	U	YES		Ï	1		1		1	}		1	1		1		1
1,2-Dibromo-3-chloropropane	24.6		ug/Kg	U	YES		I					1	,			1	1			1

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Lab ID: SGSW

Sample Matrix: SO

Analysis Type: RES

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Analyte Name	Resutt	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Maist Tot/Dis		Tune	ıc	icv	CCV/
Analysis Method : 8260B					Dilutio	n: 1														
1,2-Dibromoelhane	4.10		ug/Kg	U	YES												1			1
1,2-Dichlorobenzene	4.10		ug/Kg	U	YES	1									i i		l !			I
1,2-Dichloroethane	4,10		ug/Kg	υ	YES	(			1								l :		l	l
1,2-Dichloropropane	4.10		ug/Kg	υ	YES				l										1	f
1,3,5-Trimethylbenzene	4.10		ug/Kg	υ	YES												1 1		1	1
1,3-Dichtorobenzene	4.10		ug/Kg	U	YES	į			[						l i					1
1,3-Dichloropropane	4.10		ид/Кд	U	YES	1				]							l			1
1,4-Dichlorobenzene	4.10		ug/Kg	U	YES												l		1	ì 
2,2-Dichloropropane	4.10		ug/Kg	U	YES		i		1	[							l		1	Í
2-Butanone	20.5		ug/Kg	U	YES		i										1		1	i
2-Chlorotoluene	4.10		ug/Kg	U	YES								i				1		i	
2-Нехаполе	10.3		ug/Kg	U	YES		i						i				i i		1	i
4-Chlorotoluene	4.10		ug/Kg	ย	YES		·										1		! !	i
4-Isopropylloluene	4.10		ug/Kg	U	YES			 J		i									 	i
4-Methyl-2-pentanone	10.3		ug/Kg	U	YES		1			1									 	i I
Acetone	25.9		ug/Kg	J	YES	,	1				·····i	i	1				i			i I
Benzene	4.10		ug/Kg	U	YES	1	· · · · · · · · · · · · · · · · · · ·			i	·····	·····i	1	i			Ì			! 
Bromobenzene	4.10		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · ·				i				1	i	' 	 [
Bromochioromethane	4.10		ug/Kg	U	YES	······i	Ì	Ì	······			Ì		i						
Bromodichloromethane	4.10		иу/Ку	U	YES	i.	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	1				· · · · · · · · · · · · · · · · · · ·	i			i
Bromoform	4.10	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES	i.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						/		· · · · · · · · · · · · · · · · · · ·	ì		'	
Bromomethane	4.10	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES		·············	'. 				···········	·····	1	·····/		· · · · · · · · ·			
Carbon disulfide	4.10	······	ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·	1	1	· · · · · · · · · · · · · · · · · · ·							 I				
Carbon telrachloride	4.10	·····	ид/Кд	บ	YES	· · · · · · · · · · · · · · · · · · ·		\ I				·····i		!		 [		· <u>'</u>		
Chiorobenzene	4.10	··· ·· · · · · · · · · · · · · · · · ·	ug/Kg	U	YES	<u>:</u> †	····-¦.	<u>'</u>				·····i	·····/	! I		i		' ا		
Chloroethane	4.10	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES:		· · · · · · · · · · · · · · · · · · ·		······		اا	·····i								

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Analysis Method : 8260B					Dilutio	n: 1					•									
Chloroform	4.10		ug/Kg	U	YES		1 1				}	l	1	1						
Chioromethane	4.10		ug/Kg	U	YES					 		}		1						I
cis-1,2-Dichloroethene	4.10		ug/Kg	υ	YES									[	1 1					
cis-1,3-Dichloropropene	4.10		ug/Kg	U	YES				1	1										1
Dibromochloromethane	4.10		ug/Kg	U	YES					1	(		Ì		1		1			
Dibromomethane	4.10		ug/Kg	U	YES												!			ĺ
Dichlorodifluoromethane	4.10		ug/Kg	U	YES								1	1					1	[
Ethyl Benzene	4,10		ug/Kg	U	YES	,,,,,,,,,													[	l
Hexachlorobutadiene	4.10		ug/Kg	บ	YES		l		}											1
isopropylbenzene (Cumene)	4.10	;	ид/Кд	U	YES		ĺ						l						]	Ī
m,p-Xylene	8.21		ug/Kg	U	YES										1				i	
Methyl iodide	4.10		ug/Kg	ប	YES						]						1			
Melhylene chloride	16.4	;	ug/Kg	U	YES						1									
Naphthalene	4.10		ug/Kg	U	YES :															
n-Butylbenzene	4.10		ug/Kg	U	YES		1				1		/				1			1
n-Propylbenzene	4.10		ug/Kg	U	YES															l
o-Xylene	4.10		ug/Kg	Ų	YES			I				j			1	· · · · · · · · · · · · · · · · · · ·	i			1
sec-Butylbenzene	4.10		ug/Kg	U	YES						1	1				· · · · · · · · · · · · · · · · · · ·	i			1
Styrana	4.10	:	ug/Kg	U	YES	UJ	-				UJ		i		l i		1		1	1
ler(-Bulyl melliyl ether (MTBE)	4.10		uy/Ky	U	YES	1	1	1					1			l	1			[ ]
leri-Bulyibenzene	4.10	-	ug/Kg	U	YES						3		}	1	1	]	1			
i errachioroethene	20.3		ug/Kg		YES :	i	1			1		1	í			İ				
Toluene	4.10		ug/Kg	U	YES					-		1	I		l i	1				
trans-1,2-Dichloroethene	4.10		ug/Kg	U	YES		i	1	1			i		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1				
Irans-1,3-Dichloropropene	4.10		ид/Кд	U	YES :		1	Ì			]			 		Ì	1		i	
trans-1,4-Dichloro-2-butene	20.5	*******	ug/Kg	U	YES :		1		1		ii	1	1				1			

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Analysis Method : 8260B				************	Dilutio	n: 1														
Trichloroethene	4.10		ug/Kg	U	YES					1	{			}						
Trichlorofluoromethane	4.10		ug/Kg	U	YES												[ ]		l	1
Vinyl chloride	4.10		ug/Kg	U	YES							}	Ī		1 1				l	I
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	349		ug/Kg	U	YES					l		İ	1							
1,2-Dichlorobenzene	349		ug/Kg	υ	YES															}
1,3-Dichlorobenzene	349		ug/Kg	U	YES		1					!							1	
1,4-Dichlorobenzene	349		ug/Kg	U	YES					[		}					ĺ			
2,4,5-Trichlorophenol	349		ug/Kg	U	YES	UJ				UJ							,		1	1
2,4,6-Trichlorophenol	349		ug/Kg	υ	YES	UJ	1			UJ					1	.,			1	]
2,4-Dichtorophenol	349		ид/Кд	U	YES	1									1					1
2,4-Dimethylphenol	349		ug/Kg	U	YES															
2,4-Dinitrotoluene	349	·····	ug/Kg	υ	YES	1									1		1	· · · · · · i	1	1
2,6-Dinitrololuene	349	;	ug/Kg	U	YES ;	UJ	1			យ					1					1
2-Chloronaphthalene	349	:	ug/Kg	υ	YES	uJ	1			UJ			i				· · · · · · · · · · · · · · · · · · ·			'
2-Chlorophenol	349		ug/Kg	υ	YES			1		i										1
2-Methylnaphthalene	349		ug/Kg	ប	YES			1									1			
2-Methylphenol	349	;	ug/Kg	U	YES	)	1										}			
2-Nitroaniline	349		ug/Kg	U	YES	רח				UJ	i		1							1
2-Nitrophenot	049		uġ/Kġ	υ	YES			1												
3 and/or 4-Methylphenol	349		ug/Kg	U	YES		1	1				ı				l				
3-Nitroanline	349		ug/Kg	U	YES	1		I	· · · · · · · · · · · · · · · · · · ·	i	[	I	1	····		1	-			
4-Bromophenyl phenyl ether	349		ug/Kg	U	YES :					1			1		1		į			
4-Chloro-3-methylphenol	349		ug/Kg	υ	YES												1			
4-Chloroaniline	349	;	ug/Kg	U ;	YES :			Ï			į	1								1
4-Chlorophenyl phenyl ether	349		ug/Kg	U	YES	-	Ì	Ì	1	}	1	1	1	i		1				,
4-Nitroaniline	349	1	ug/Kg	U	YES ]			1	1		·····	1	1	 	1	Ì	ì	1		

Project Number and Name:

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- 11-032E Carroll Agent Orange

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Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*		нт	мв	LCS	MS	Łab Dup	Surr	Rep Limit	Moist Tot/Dis		Ture	IC	ICV	CCV
Analysis Method : 8270D					Dilutio	on: 1														
4-Nitrophenol	349	:	ид/Кд	U	YES	IJ				UJ	1						1		1	
Acenaphthene	349		ug/Kg	υ	YES		1				}	i	1	1			1		1	
Acenaphthylene	349		ug/Kg	U	YES	UJ	i 1			UJ			l						1	
Anthracene	349		ug/Kg	U	YES					l		[		1					1	1
Benzo(a)anthracene	349		ug/Kg	U	YES					 							1			1
Benzo(a)pyrene	349		ug/Kg	U	YES					1		}					1			
Senzo(b)fluoranlhene	349		ug/Kg	U	YES												1			1
Benzo(g,h,i)perylene	349		ug/Kg	U	YES	******	1		 						l i		1 1			ĺ
Benzo(k)fluoranthene	349		ug/Kg	บ	YES															
Bis(2-Chloroelhoxy)methane	349		ug/Kg	Ų	YES										l ;				1	
Bis(2-Chloroethyl)ether	349		ug/Kg	υ	YES						İ				l i		1 1		1	
Bis(2-Chloroisopropyl)ether	349	i	ug/Kg	U	YES		1	1									1			1
Bis(2-Ethylhexyl)phthalate	349		ug/Kg	U	YES		ı											:		
Bulyl benzyl phthalate	349		ug/Kg	U ;	YES													,		
Chrysene	349		ug/Kg	υ	YES			1					1		l i		[			
Dibenz(a,h)snthracene	349		ug/Kg	ប	YES	**********	ı						i				1			
Dibenzofuran	349		ug/Kg	U	YES		I										1			
Diethyl phthalate	349		ug/Kg	U	YES		1						· · · · · · i		1		1			l
Dimethyl phthalate	349		ug/Kg	υ	YES	IJ		1		เก	i i									ĺ
Di-n-bulyl onthalate	349		ug/Kg	U	YES		1	1					į		1		1			1
Di-n-octyl phthalate	349		ug/Kg	U	YES :		1	ı				]			1					1
Fluoranthene	349		ug/Kg	U	YES		1	I	l	}		1	· · · · · · · · · · · · · · · · · · ·				1	1		i
Fluorene	349		ug/Kg	U	YES			1		i	· · · · · · · · ·									1
Hexachlorobenzene	349	;	ug/Kg	ย	YES							ı	1							
Hexachlorobutadiene	349		ug/Kg	U	YES	1	i	1			j	1	1	1						1
Hexachlorocyclopenladiene	349		ug/Kg	U	YES :			i				1			l i		1	1		1

Project Number and Name:

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Library Used:

Roport Date: 9/6/2011 08:59

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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

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Client Sample ID : E11-115-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872029

Reviewed By / Date :

#### Approved By / Date :

Analyte Name	Resutt	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	1C	ICV	CCV CCV
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	349	:	ug/Kg	U	YES				1			1	1	1			1			1
Indeno(1,2,3-cd)pyrene	349	,	ug/Kg	U	YES						1								[	1
Isophorone	349		ug/Kg	U	YES												ĺ		1	1
Naphthalene	349		ug/Kg	บ	YES				ļ								1			
Nitrobenzene	349		ug/Kg	U	YES		ĺ					1		i						
n-Nitrosodi-n-propylamine	349		ug/Kg	U	YES							į	ĺ	1						
Pentachlorophenol	349		ug/Kg	U	YES						!			i					 	
Phenanthrene	349		ug/Kg	υ	YES		]								]				l	1
Phenol	349		ug/Kg	U	YES						}						1			ī
Рутепе	349		ug/Kg	U	YES		1										[			1

Project Number and Name:

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Library Used:

Report Date: 9/6/2011 08:59

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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

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Client Sample ID: E11-115-S4

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872030

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ic	ICV	CCV
Analysis Method : 6010C					Dilutio	on: 1														
Arsenic	1.48		mg/kg		YES					1	ļ	1					1			
Arsenic	1.48		mg/kg		YES						}									
Barium	89.3		mg/kg		YES				1	1				1	1		1		1	1
Barium	89,3		mg/kg		YES		1			1					ĺ		1		1	
Cadmium	0.568		mg/kg		YES	U			U	]	1	<u> </u>	l				1			
Cadmium	0.568		mg/kg		YES	U	1		U		1	ļ	1							1
Chromium	3.79	,	mg/kg	;	YES						}		1		1					
Chromium	3.79		mg/kg		YES												1			
Lead	6.63		mg/kg		YES		····			]				1			l i			1
Lead	6.63		mg/kg		YES															
Selenium	2.07		mg/kg	U	YES		·····i						1		1		]			l
Selenium	2.07		mg/kg	υ	YES	į	-								1		1			
Silver	1.04	;	mg/kg	U	YES ;					i							]			
Silver	1.04	;	mg/kg	U	YES	i											l		l	1
Analysis Method : 7471B					Dilutio	n: 1	.,						********							
Mercury	0.00166		mg/kg	J	YES												1			]
Analysis Method : 8081					Dilutio	n: 1														
4,4'-DDD	11.0	<u>j</u>	ug/Kg	U	YES										l		l			<u> </u>
4,4'-DDD	11.0		ug/Kg	υ	YEC	İ											]			l
4,4'-DDE	11.0		ug/kg	υ	YES :	j	1						[ <u>]</u>							l
4,4'-DDE	11.0		ug/Kg	U	YES		I	]							li					
4,4'-DDT	1.04	į	ug/Kg	JP :	YES	U	١		υ				Į							
4,4'-DDT	1.04	}	ug/Kg	JP	YES	U		Ì	ប				1		1					!
Aldrin	11.0	]	ug/Kg	ប	YES	1					-	1								
Aldrin	11.0	i	ug/Kg	U ;	YES :		1	1		1	1		I							
alpha-BHC	11.0		ug/Kg	U	YES		1	1				1								
alpha-BHC	11,0		ug/Kg	U	YES			I	1	i						]				(

Project Number and Name:

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Library Used: CampCarroll

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Report Date: 9/6/2011 08:60

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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

Client Sample ID: E11-115-S4

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872030

Reviewed By / Date :							App	roved	By /	Date:										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Тетр	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	lCV	CV/
Analysis Method : 8081					Dituti	on: 1														
alpha-Chlordane	11.0		ug/Kg	U	YES				l	<u> </u>	1	<u> </u>	<u> </u>	ļ	<u>                                     </u>		<u> </u>		1	1
alpha-Chlordane	11.0		ug/Kg	Ų	YES					]	]				<u> </u>		[		<u> </u>	1
beta-BHC	11.0		ug/Kg	U	YES					]	]		1	}	1				1	1
bela-BHC	11.0		ug/Kg	U	YES	. 1		ŀ	1		1	]			J				<u> </u>	1
Chlordane	36.8		ug/Kg	U	YES	: 1					1	1	l						1	1
Chlordane	36.8		ug⁄Kg	U	YES					1	ì	}			l				1	1
delta-BHC	11.0		ug/Kg	U	YES						]								1	1
della-BHC	11.0		ид/Кд	U	YES															1
Dieldrin	11.0		ug/Kg	U	YES	· I				[			1						1	1
Dieldrin	\$1.0		ug/Kg	U	YES															1
Endosulfan I	11.0		ug/Kg	U	YES			,			]				<b>j</b> (					
Endosulfan I	11.0		ug/Kg	υ	YES	ĺ	1			1	i				[					1
Endosulfan II	11.0		ug/Kg	υ	YES															
Endosulfan II	11.0		ug/Kg	U	YES						!		1						]	
Endosulfan sulfate	11.0		ug/Kg	Ų	YES		Ï	1							ſ				1	
Endosulfan sulfate	11.0		ug/Kg	U	YES		i													
Endrin	11.0	į	ug/Kg	U	YES								1						}	
Endrin	11.0	j	ug/Kg	U	YES	1							[							
Endan aldenyde	11.0	:	ид/Кд	U	YES		1						l							1
Endrin aldehyde	11.0		ug/Kg	U	YES	1	1	1			} ]		1	ĺ	- Section 1					1
Endrin ketone	11.0		ug/Kg	υ	YES	1		ı							}					
Endrin kelone	11.0		ug/Kg	ט	YES :	1	1	1									- 1			l
gamma-BHC (Lindane)	1.77		ид/Кд	J	YES	U			υ				[ ]	]			1			Ĭ
gamma-BHC (Lindane)	1.77	······	ug/Kg	1	YES	U			U					İ			Ì			
gamma-Chlordane	11.0	·····	ug/Kg	U	YES		1	1	i		j			1						1
gamma-Chlordane	11.0		ug/Kg	U	YES		·····i	1	1	}						i				1

Project Number and Name:

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Library Used: CampCarroll

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<sup>·</sup> 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

Client Sample ID : E11-115-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872030

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Yemn	HT	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CC/
Analysis Method : 8081					Diluti		TOTAL													
Heptachlor	11.0		ug/Kg	IJ	YES						!		Ī				1			1
Heplachlor	11.0		ug/Kg	U	YES				1				]		1		i :			1
Heptachlor epoxide	11.0		ug/Kg	U	YES				1		1		 				! i			
Heptachtor epoxide	11.0		ид/Кд	U ;	YES						[			1						
Methoxychlor	11.0		ug/Kg	บ	YES				[				[	.,,,,					1	
Methoxychlor	11.0		ug/Kg	U	YE\$											,				1
Toxaphene	36.8		ug/Kg	U	YES															
Toxaphene	36.8		ug/Kg	υ	YES									 			1 1			
Analysis Method : 8151					Dilutio	on: 1			********											
2,4,5-T	0.0184		mg/kg	บ	YES										1					1
2,4,5-TP (Silvex)	0.0184		mg/kg	U	YES									į	1					
2,4'-D	0.0184		mg/kg	υ	YES									i			1			
2,4-DB	0.0184		mg/kg	U	YES					1							i			1
Dicamba	0.0184		mg/kg	Ų	YES		1								1	i	1			1
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachioroethane	4.55		ug/Kg	υ	YES										Í				ĺ	i
1,1,1-Trichloroelhane	4.55	;	ug/Kg	U	YES					i							l			
1,1,2,2-Tetrachloroethane	4.55		ug/Kg	U	YES															
1,1,2-Trichtoroethane	4,55		иу/Ку	U	YES	1	1			}	}	1				]	1			
1,1-Dichloroethane	4.55		บg/Kg	υ	YES		1		1	ĺ	1						1			
1,1-Dichloroethene	4.55	;	ug/Kg	U	YES		1										1			
1,1-Dichloropropene	4.55		ug/Kg	U	YES												1			
1,2,3-Trichlorobenzene	4.55		ug/Kg	V ;	YES :	i	1			!		1	1				[			ĺ
1,2,3-Trichloropropane	4.55		ug/Kg	U ;	YES :		1		1	i	1	1								
1,2,4-Trichlorobenzene	4.55		ug/Kg	U	YES				1	1	-	I			i i					
1,2,4-Trimethylbenzene	4.55		ug/Kg	U	YES				!	!		I					1	I		
1,2-Dibromo-3-chloropropane	27.3		ug/Kg	U	YES			1	1			J	]			1	1			

Project Number and Name:

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Report Date: 9/6/2011 00:59

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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

Client Sample ID: E11-115-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872030 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	ıc	icv	CCV
Analysis Method : 826					Diluti															
1,2-Dibromoethane	4.55		ug/Kg	υ	YES		1			i i	l		1		1 1	**********	1		1	Ī
1,2-Dichlorobenzene	4.55		ug/Kg	U	YES					} 	 			ii	1		1		i 	1
1,2-Dichloroelhane	4.55		ug/Kg	U	YES					<u>.</u>	<u> </u>	: [	 		i i				 	1
1,2-Dichloropropane	4.55		ug/Kg	U	YES		! <b>I</b>			[					1					1
1,3,5-Trimethylbenzene	4.55	,	ug/Kg	U	YES					1									1	1
1,3-Dichlorobenzene	4.55		ид/Кд	U	YES					1									1	1
1,3-Dichloropropane	4.55		ug/Kg	U	YES														1	1
1,4-Dichlorobenzene	4.55		ug/Kg	U	YES										i				<u>.</u>	1
2,2-Dichloropropane	4.55		ug/Kg	U	YES		1								l i		ĺ		 	1
2-Bulanone	7.57		ug/Kg	J	YES	j					J						ì			1
2-Chlorotoluene	4.55	į	ug/Kg	U	YES		I								] ;		i i		1	
2-Hexanone	11.4		ug/Kg	V	YES												Î		1	ĺ
4-Chiorotoluene	4.55		ug/Kg	υ	YES										l i	[	1			
4-Isopropyltoluene	4.55		ug/Kg	υ	YES		1													
4-Methyi-2-репtапопе	11.4		ug/Kg	U	YES		1	1							1		i			1
Acetone	38.7		ug/Kg	J	YES		I	1			1				1					1
Benzene	4.55		ug/Kg	U	YES		1								1		1			1
Bromobenzene	4.55	i	ug/Kg	U	YES	1	1	1								1	1			1
Bromochloromethane	4.55		ug/Kg	U	YES		1	1			I					1	1			1
Bromodichloromethane	4.55	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES		ı	1			I					1	1			1
Bromoform	4.55	;	ug/Kg	U	YES	1	1	١			1	1	1		1		1			1
Bromomethane	4.55		ug/Kg	ប	YES	1	··· ·· ·	1	1		1		}			1	1		l	1
Carbon disulfide	4.55	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES		1		1			Ī					1			i
Carbon letrachloride	4.55	;	ug/Kg	U	YES :			I	١			1				ĺ				i
Chlorobenzene	4.55		ug/Kg	υ	YES	1	1	ı				ı								
Chloroethane	4.55		ug/Kg	U	YES				1		1		ŧ			· · · · · · · · · · · · · · · · · · ·	3			

Project Number and Name:

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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

Client Sample ID : E11-115-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872030

Reviewed By / Date :							App	rovec	ву/	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis	Field QC	Tune	łC	ICV	CCV
Analysis Method : 8260B					Diluti	on: 1						····								
Chloroform	4.55		ug/Kg	U	YES	:			1		1	ļ	1		1 :		l		1	1
Chloromelhane	4.55		ug/Kg	U	YES	:				1	<u> </u>		1		ĺ		l		l	ĺ
cis-1,2-Dichloraethene	4.55		ug/Kg	U	YES				1	1			1	1				1	l	1
cis-1,3-Dichloropropene	4.55		ug/Kg	U	YES	:					1	[						!	1	1
Dibromochloromethane	4,55		ид∕Кд	U	YES		-		[		)	İ .			[		l	[	<u> </u>	1
Dibromomethane	4.55		ug/Kg	Ų	YES				ĺ	1	ì			<u> </u>	1 1				<u> </u>	1,
Dichlorodifluoromethane	4.55		ug/Kg	U	YES					1	1	1	1		ļ					1
Ethyl Benzene	4.55		ug/Kg	υ	YES					1	<u> </u>	Į							1	1
Hexachiorobutadiene	4.55		ug/Kg	U	YES					ļ	<u> </u>		1				<u> </u>	l	1	1
sopropylbenzene (Cumene)	4.55		ug/Kg	U	YES				ļ	<u>]</u>	<u> </u>	Ì	<u> </u>	J	l				<u> </u>	1
m,p-Xylene	9,10		ug/Kg	U	YES		1		l	<u> </u>	ļ	<u> </u>	1		<u> </u>		l		<u>]</u>	J
Methyl iodide	4.55		ug/Kg	U	YES					1	<u>}</u>	<u> </u>	1		<u> </u> i		li		<u> </u>	]
Melhylene chloride	1.17		ug/Kg	J	YES					<u> </u>	<u> </u>		1		<u> </u> i		l		<u> </u>	1
Naphthalene	4.55	;	ug/Kg	U	YES		1		l	<u>.</u>	<u> </u>	[ 	1		11				<u> </u>	1
n-Bulylbenzene	4.55		ug/Kg	U	YES						1	l	l		<u>                                      </u>				<u> </u>	1
n-Propylbenzene	4.55	i	ug/Kg	υ	YES		!		<u></u> .		1	<u>.</u>	[		<u> </u>		J		<u> </u>	1
>-Xylene	4.55	i	ug/Kg	υ	YES						1	<u> </u>	[]		l				<u>J</u>	ļ
ec-Bulylbenzene	4.55	<u>, j</u>	ug/Kg	U	YES					l	<u> </u>	<u> </u>			1 1				<u> </u>	<u> </u>
Styrene	4.55	<u>.</u>	ug/Kg	V	YES	มา				l	UJ		1		11			:	ļ	1
ert-Butyl methyl ether (MTBE)	4.55		ug/Kg	U	YE\$	J			,	<u> </u>	<u> </u>		l !						<u> </u>	1
ert-Butylbenzene	4,55	<u>j</u>	ug/Kg	υ	YES		!			ļ	<u> </u>		1 !		<b>1</b>				l	İ
etrachloroethene	1.47		ug/Kg	J	YES						1						!		1	
Toluene	4.55	<u></u>	ug/Kg	U	YES	1				l			[]						l	<u> </u>
rans-1,2-Dichtoroethene	4.55		ug/Kg	U	YES		1	1		l	l		<u> </u>		l					ļ
rans-1,3-Dichloropropene	4.55		ug/Kg	U	YES		1	1		l			<b>.</b>						ļ	<u> </u>
rans-1,4-Dichloro-2-butene	22.8		ид/Ко	U	YES	1													1	1

Project Number and Name:

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Library Used: Report Date: 9/0/2011 00:59

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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

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Client Sample ID : E11-115-S4

Lab Report Batch: 31101872

Sample Date : 07/13/2011 Lab Sample ID: 31101872030 Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name Analysis Method : 8260B Trichloroethene Trichlorofluoromethane	Result 4.55	Error	Units	Qual		Qual*		HΥ	MB	LCS	MS	Dup	Surr	Limit		QC	Tune	IC	ICV	CCV
Trichloroethene		: :			Ditutio	on: 1						<b>.</b>								
Triablandusamanihaan	4.55		ug/Kg	U	YES	:			1					I	1 (				i	1
ractionologicitiemane		[	ug/Kg	U	YES				 		 	·i			!! !		: 			i
Vinyl chloride	4.55		ug/Kg	U	YES					 										l
Analysis Method : 8270D		·			Dilutio	n: 1														*******
1,2,4-Trichlorobenzene	368		ug/Kg	U	YES						1	1			{		1			
1,2-Dichlorobenzene	368		ug/Kg	U	YES						į				{					
1,3-Dichlorobenzene	368		ug/Kg	U	YES		· · · · · · · · ·			1					1					
1,4-Dichlorobenzene	368		ug/Kg	Ų	YES										1					
2,4,5-Trichlorophenol	368		ug/Kg	υ	YES	IJ				UJ										1
2,4,6-Trichlorophenol	368		ug/Kg	υ	YES	UJ	· · · · · · · · · · · · · · · · · · ·			Ų	i	· · · · · · · ·								
2,4-Dichlorophenol	368		ug/Kg	U	YES		1		1 1		i i	1			l .					ĺ
2,4-Dimethylphenol	368		ug/Kg	Ų	YES										)					
2,4-Dinitrotofuene	368		ug/Kg	V	YES		1													
2,6-Dinitrololuene	368	i	ug/Kg	U	YES	υJ	1			IJ			}		i					1
-Chloronaphthalene	368		ug/Kg	U	YES	Ų				IJ		1								1
-Chlorophenol	368	;	ug/Kg	U	YES :		1		<b>i</b>	İ	1	1								l
-Methylnaphthalene	368	i	ug/Kg	U	YES				[			1					1			
-Methylphenol	368		ug/Kg	υ	YES	1					1				į			,		<u> </u>
-Nitroaniline	300	ì	იჭ/(ც	U	YE3	IJ	1			UJ			1							
-Nitrophenol	368		ug/Kg	V	YES :	j	1			1			}							
and/or 4-Methylphenol	368		ug/Kg	U	YES					,		1						, J		1
-Nitroaniline	368		ug/Kg	U	YES					(	}									
-Bromophenyl phenyl ether	36B		ug/Kg	U :	YES	1					1				1		1			
-Chloro-3-methylphenol	368		ug/Kg	U	YES	}						I		1	1	ı	1			l
-Chioroaniline	368		ug/Kg	U	YES		1						1	1	1	I	1			
-Chlorophenyl phenyl ether	368		ug/Kg	υ	YES		1			}			[			l		ı		
-Nitroaniline	368		ug/Kg	υ	YES		1			)		1						1		

Project Number and Name:

ADR 8.2

Ywz - 11-032E Carroll Agent Orange

Library Used:

Report Date: 0/6/2011 08:50

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<sup>\*</sup> 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

Client Sample ID: E11-115-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872030

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Latı Dup	Surr		Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV
Analysis Method : 8270D					Dilutio	n: 1								.///	***********					
4-Nitrophenol	368		ug/Kg	U	YES	IJ				IJ									1	
Acenaphthene	368		ug/Kg	υ	YES										l					
Acenaphthylene	368		ug/Kg	U	YES	IJ				υJ			1	1	1					1
Anthracene	368		ug/Kg	U	YES		1													1
Benzo(a)anthracene	368		ug/Kg	U	YES														1	1
Benzo(a)pyrene	368		ug/Kg	υ	YES								1						1	1
Benzo(b)fluoranthene	36B	:	ug/Kg	υ	YES		·····i					)			1 1		]			l
Benzo(g,h,i)perylene	368		ug/Kg	υ	YES	}	-								1					
Benzo(k)fluoranthene	368		ug/Kg	U	YES	ì	1										;			
Bis(2-Chloroethoxy)methane	368		ид/Кд	U	YES		1													1
Bis(2-Chloraethyl)ether	368		ug/Kg	U	YES											.,,,,,,,,,				
Bis(2-Chloroisopropyl)elher	368		ug/Kg	U	YES	}					******						Į			1
Bis(2-Ethythexyl)phthalate	368		ug/Kg	U	YES					,							į		1	
Butyl benzyl phthalate	368		ug/Kg	U	YES														1	
Chrysene	368		ug/Kg	U	YES		1		1											1
Dibenz(a,h)anthracene	368		ug/Kg	U	YES	1														
Dibenzofuran	368		ug/Kg	U	YES	)		1							i					1
Diethyl phthalate	368	;	ug/Kg	U	YES	1		1		1	1					1	}			1
Dimethyl phthalate	368		ug/Kg	U	YES	ŲΊ	1	1		UJ	1				,	1	}		1	
Di-n-bulyi phthalate	368		ug/Kg	U ;	YES		1		·····							l	1			
Di-n-octyl phthalate	368		ug/Kg	U	YES	1		1	1								1		1	
Fluoranthene	368		ug/Kg	U	YES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	1	1											
Fluorene	368		ug/Kg	U	YES		1	1		1	1					1				1
Hexachlorobenzene	368		ug/Kg	U	YES		I	I			]						1	*		l
Hexachlorobutadiene	368		ug/Kg	U	YES						1				]	1	1			1
Hexachlorocyclopenladiene	368		ug/Kg	U	YES	1		1	1							1	1			1

Project Number and Name:

- 11-032E Carroll Agent Orange

Library Used:

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ADR 8.2

Report Date: 9/0/2011 08:59 • 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 Page 97 of 233

Client Sample ID: E11-115-S4

Sample Date : 07/13/2011

Lab Sample ID: 31101872030

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Тетр	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis	Field QC	Tune	IC	icv	CCA
Analysis Method : 8270D					Diluti	on: 1						, <del></del>							1	1
Hexachloroelhane	368	:	ug/Kg	U	YES				<u> </u>	<u> </u>	1,	<u> </u>	<u> </u>	<u>.</u>	ļ		ļ	ļ	ļ	ļ
ndeno(1,2,3-cd)pyrene	368		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	ļ		ļ	ļ	<u> </u>	1
sophorone	368		ug/Kg	U	YES				<u> </u>	<u> </u>		1	1	<u> </u>	<u> </u>		ļ	ļ 	<u> </u>	ļ
vaph(halene	368		ug/Kg	U	YES		1		<u>.</u>	<u> </u>	<u> </u>	!			1		ļ		ļ	ļ
Vilrobenzene	368		ug/Kg	U	YES		I		<u> </u>	<u> </u>	<u> </u>	1	ļ,	J	1		ļ	<u>.</u>	ļ	ļ
-Nitrosodi-n-propylamine	368		ug/Kg	U	YES		1		1,,,,,,	<u> </u>	<u> </u>	İ	l	<u> </u>			ļ	!	ļ	<u> </u>
Pentachlorophenol	368		ug/Kg	U	YES				<u> </u>	1	<u> </u>		<u> </u>	<u> </u>	ļ		ļ	ļ	ļ	ļ
Phenanthrene	368		ug/Kg	U	YES				<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	<u> .</u>	ļ		ļ	ļ	ļ	ļ
Phenol	368		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ		ļ	ļ	ļ	ļ
Pyrene	368		ug/Kg	U	YES				<u> </u>	<u>J</u>	<u> </u>		1	<u> </u>	1		l	l	1	.l

Project Number and Name: "Not - 11-032E Carroll Agent Orange Library Used: CumpCarroll

ADR 8.2

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

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Client Sample ID : E11-116-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872033

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overati Qual*		нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis	Tune	IC	ICV	CCV
Analysis Method : 6010C					Dilutio	on: 1								,		 			
Arsenic	4.16		mg/kg		YES					1			1	l	1	 1			<u> </u>
Arsenic	4,16		mg/kg		YES				1		1	]	1		1	 l			<u> </u>
Barium	78.8		mg/kg		YES					]		1	1						<u> </u>
Barium	78.8		mg/kg		YES					]		1	1						<u> </u>
Cadmium	0.679		mg/kg		YES	ย			υ				1	İ	1	 			ļ
Cadmium	0.679		mg/kg		YES	U			U				ĺ		1	 [ ]			<u> </u>
Chromium	3.79		mg/kg		YES			,		1			l	1	1	 f]		l	<u> </u>
Chromium	3,79		mg/kg		YES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1			1					1	[ ]		1	<u> </u>
Lead	11.4		mg/kg		YES									1		[		<u> </u>	ĺ
Lead	11.4		mg/kg		YES		Ī			1					1			<u> </u>	<u> </u>
Selenium	1.87		mg/kg	U	YES		ı			1				1	İ i	{		l	ļ
Selenium	1.87		mg/kg	U	YES		1				 [	[			1				
Silver	0.935		mg/kg	U	YES											 			1
Silver	0.935		mg/kg	U	YES		1							l	1			l	<u> </u>
Analysis Method : 7471B					Dilutio	n: 1													u.c.a
Mercury	0.0201		mg/kg	U	YES						Ī			1	<u> </u>	 [		l	<u> </u>
Analysis Method : 8081					Ditutio	n: 1					,					 			
4,4'-DDD	9.88		ug/Kg	U	YES					1	1			1	I	 <u> </u>		l	<u> </u>
4,44nnn	9.88		ug/Kg	Ų	YES			)						<u> </u>	1	 ]		l	<u> </u>
4,4° DDE	1.73		ug/Kg	j	YES						ļ				<u>                                     </u>	 1 1			l
4,4'-DDE	1.73	;	ug/Kg	J	YES										<u> </u>	 1			
4,4'-DDT	3.00	;	ug/Kg	j	YES	U			U						<u> </u>	 [			<u> </u>
4,4'-DDT	3.80	ŧ	ug/Kg	J	YES	U			υ						<u> </u>	 <u>i</u>			ļ
Aldrin	9.88	į	ug/Kg	U	YES		l l									 <u> </u>			İ
Aldrin	9.88		ug/Kg	U	YES										l	 			<u> </u>
alpha-BHC	9.88	i	ug/Kg	U	YES ;			1							<u> </u>				l
alpha-BHC	9.88	1	ug/Kg	U	YES	]	1									l			1

Project Number and Name:

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Library Used: CampCarroll

Report Date: 9/6/2011 08:59

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

Client Sample ID : E11-116-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872033

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	1C	ICV	CCA
Analysis Method : 8081					Diluti	on: 1														
alpha-Chlordane	9.88	1	ug/Kg	U	YES								<u> </u>	1			1		1	1
alpha-Chiordane	9.88		ug/Kg	U	YES								<u> </u>		l		[		<u> </u>	<u> </u>
beta-BHC	9.88		ug/Kg	U	YES					1			<u> </u>	<u> </u>	1				<u> </u>	<u> </u>
bela-BHC	9.88		ug/Kg	U	YES			l	<u> </u>	1			1	<u> </u>	1		}		<u> </u>	l
Chlordane	32.9		ug/Kg	U	YES	}			l	1			1	<u> </u>	<u>[</u>		<u> </u>		<u> </u>	<u> </u>
Chlordane	32.9	:	ug/Kg	U	YES				l	1			1	<u> </u>	<u> </u>		<u> </u>		1	<u> </u>
delta-BHC	9.88	;	ид/Кд	U	YES				ĺ	<u> </u>			1		<u>[</u>		1 :		<u> </u>	1
delta-BHC	9.88	;	ug/Kg	U	YES					l			<u> </u>	<u> </u>					<u> </u>	1
Dieldrin	9.88	;	ug/Kg	U	YES				l				<u> </u>	<u> </u>					<u> </u>	<u> </u>
Dieldrin	9.88		ug/Kg	U	YES			<u> </u>	<u> </u>	<u> </u>			<u> </u>	1	<u> </u>		1 !		<u> </u>	<u> </u>
Endosulfan I	9.88		ug/Kg	Ų	YES		i l						l	ļ	<u>                                     </u>		l		<u> </u>	<u> </u>
Endosulfan I	9.88		ug/Kg	U	YES				Ĺ			<u> </u>	<u>[</u>		<u> </u>		I		<u> </u>	<u> </u>
Endosulian II	9.88		ug/Kg	U	YES								l	ļ	1	/	<u> </u>		<u> </u>	<u> </u>
Endosulfan II	9,88		ug/Kg	U	YES						<u> </u>		l	<u> </u>	<u>                                     </u>		<u> </u>		l	<u> </u>
Endosulfan sulfate	9.88		ug/Kg	U	YES								l		1		<u> </u>		1	<u> </u>
Endosulfan sulfate	9.88		ug/Kg	U	YES									<u> </u>			<u> </u>		l	l,
Endrin	9.88		ug/Kg	U	YES		1			}			l	<u> </u>			<u> </u>		l	ļ
Endrin	9.88		ug/Kg	U	YES		I						<u> </u>	1	l i				l	
Endrin aldehyde	9.66		ug/Kg	U	YEC												l		<u> </u>	l
Endrin aldehyde	9.88		ug/Kg	U	YE5			1		lj					lI		l		l	}
Endrin kelone	9.88		ug/Kg	U	YES										<u>                                     </u>		l		<u> </u>	<u> </u>
Endrin ketone	9.88		ug/Kg	υ	YES					l			<u> </u>		<u>                                     </u>		l		<u> </u>	<u> </u>
gamma-BHC (Lindane)	9,88		ид/Кд	υ	YES		1			[]			l				<u> </u>		<u> </u>	<u> </u> ,
gamma-BHC (Lindane)	9.88		ид/Кд	υ	YES												I		l	ļ
gamma-Chlordane	9.88		ug/Kg	ช	YES				)	i									1	ļ
gamma-Chlordane	9.88		ug/Kg	U	YES	}	1													1

Project Number and Name:

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Library Used: CampCarroll

Report Date: 9/6/2011 08:59

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<sup>\*</sup> 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

Client Sample ID : E11-116-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872033 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Qual*		нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ic	ICV	CCA
Analysis Method : 8081					Diluti	on: 1									***************************************					
Heptachior	9.88		ug/Kg	ឋ	YES	<u> </u>			<u> </u>	<u> </u>	1		<u> </u>		1	<u> </u>	<u> </u>		J	<u> </u>
Heptachlor	9.88		ug/Kg	U	YES		<u> </u>		<u> </u>	<u> </u>	[	<u> </u>	<u> </u>	<u> </u>	!	<u> </u>	<u> </u> i		1	[
Heptachtor epoxide	9.88		ug/Kg	U	YES		1 1		1	<u> </u>	<u> </u>		<u> </u>		<u> </u>		!		<u> </u>	<u>                                     </u>
Heptachlor epoxide	9.88		ug/Kg	U	YES		1		1		<u> </u>	<u> </u>	<u> </u>	l	<u> </u>				J	<u> </u>
Methoxychlor	9.88		ид/Кд	υ	YES				[	<u> </u>				·	1		1		<u> </u>	<u> </u>
Methoxychlor	9,88		ug/Kg	U	YES		l			<u> </u>	<u> </u>		l		l		<u> </u>		1	1
Toxaphene	32.9		ug/Kg	U	YES	;	[ ]	<b>-</b>	1	<u> </u>	<u> </u>		l		1		<u> </u>		J!	l
Toxaphene	32.9	:	ug/Kg	U	YES								l <i></i>				<u> </u>		<u> </u>	<u> </u>
Analysis Method : 8151					Diluti	on: 1														
2,4,5-T	0.0168		mg/kg	บ	YES		l		l	1			l		<u> </u>		l		J	l
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES		<u> </u>		l	1					ļ		ll		]	<u> </u>
2,4'-D	0.0168		mg/kg	U	YES		l		l <u>.</u>	l					1		l		<u> </u>	ļ
2,4-D8	0,0168		mg/kg	υ	YES		i		<u> </u>	<u> </u>	l	ļi	<b>.</b>		Ji		l		1	İ.,
Dicamba	0,0168	į	mg/kg	U	YES				l	l					l i		l		J	ļ
Analysis Method : 8260	В				Dilutio	on: 1														
1,1,1,2-Tetrachleroethane	4.16	<u> </u>	ug/Kg	U	YES		i		l <i></i>						<u>                                     </u>		! <u>.</u>		J	
1,1,1-Trichloroethane	4.16	<u> </u>	ug/Kg	U	YES				<u> </u>	l					<u> </u>		<u> </u>		<u> </u>	İ
1,1,2,2-Tetrachloroethane	4.16		ug/Kg	U	YES				l	<u> </u>					<u> </u>		l,,l		<u> </u>	<u> </u>
1,1,2 Triohloroethano	4.16		ug/Kg	υ	YES				l	<u> </u>					<u> </u>				<u>                                     </u>	<u> </u>
I, I-Dichloroethane	4.10		ug/Kg	U	YES					lj					1				<u> </u>	l
1,1-Dichloroethene	4,16	j	ug/Kg	U	YES					<u> </u>					<u> </u>				<u>                                     </u>	İ
1,1-Uichloropropene	4.16	į	ug/Kg	U	YES					<u> </u>					]		1		J	
1,2,3-Trichlorobenzene	4.16		ug/Kg	U	YES										<u> </u>		<u></u>		J	į
1,2,3 Trichloropropane	4.16		ug/Kg	U	YES					l,,,,,,					1		i		<u>                                     </u>	
1,2,4-Trichterobenzene	4.16		ug/Kg	U	YES										<u>                                     </u>		{		<u> </u>	
1,2,4-Trimethylbenzene	4.16		ug/Kg	υ	YES		Ï								<u>                                     </u>	l	<u> </u>		<u>                                     </u>	l
1,2-Dibromo-3-chloropropane	25.0		ug/Kg	υ	YES :		1								1 1					i

Project Number and Name:

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Library Used:

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Report Date: 9/6/2011 08:59 \* 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 Page 101 of 233

Client Sample ID: E11-116-S1

Lab Report Batch: 31101872

Sample Date: 07/13/2011 Lab Sample ID: 31101872033 Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overali Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	tcv	CCV
Analysis Method : 8260B				,-,,	Diluti	on: 1					,									
1,2-Dibromoethane	4.16		ug/Kg	U	YES		ĺ		1				<u> </u>	J	<u> </u>		11		<u> </u>	<u> </u>
1.2-Dichlorobenzene	4.16		ug/Kg	บ	YES								!	1	<u> </u>				<u> </u>	
1,2-Dichloroethane	4.16		ug/Kg	U	YES				ĺ				[	<u> </u>			]		<u> </u>	<u> </u>
1,2-Dichloropropane	4.16		ug/Kg	U	YES				1				<u> </u>	1	<u> </u>				<u> </u>	
1,3,5-Trimethy/benzene	4.16		ug/Kg	U	YES		l l						<u> </u>		<u> </u>				<u> </u>	1
1,3-Dichlorobenzene	4.16		ид/Кд	U	YES	;							<u> </u>		<u>                                     </u>				<u> </u>	1
1,3-Dichloropropane	4.16		ug/Kg	Ų	YES								1		<u>[</u>		[		<u> </u>	1
1,4-Dichlorobenzene	4.16		ug/Kg	Ų	YES		1						1	1					<u> </u>	
2,2-Dichloropropane	4.16		ug/Kg	U	YES								1		l				<u> </u>	
2-Butanone	20.8		ug/Kg	Ų	YES	-					!		1		l				<u> </u>	1
2-Chlorotoluene	4.16		ug/Kg	U.	YES	;	·····						1				<u>.</u>		<u> </u>	l
2-Нехаполе	10.4		ug/Kg	U	YES		1						l		1		l		<u> </u>	1
4-Chlorotoluene	4.16		ug/Kg	U	YES												<u> </u>		<u> </u>	1
4-Isopropyiloluene	4.16		ug/Kg	U	YES								l		]				l	1
4-Methyl-2-pentanone	10.4		ug/Kg	υ	YES		1						l		ļi				<u>.</u>	<u> </u>
Acetone	9.42		ug/Kg	J	YES		1	.,							1		1		1	
Benzene	4.16		ug/Kg	U	YES		1						ĺ		1		1		1	ļ
Bromobenzene	4.16		ug/Kg	U	YES		1										1		l	ļ
Bromochloromethane	4.18		иу/Ку	U	YEO		1					i		l	l i				l	
Bromodichloromethane	4.16		ug/Kg	U	YES	: 1	1								]		1		<u> </u>	1
Bromoform	4.16		ug/Kg	U	YES		1						1			1			I	1
Bromomelhane	4.16		ug/Kg	U	YES						i		1				[		1	1
Carbon disulfide	4.16		ug/Kg	U	YES	1	1								<u> </u>				<u></u>	l
Carbon tetrachloride	4.16		ug/Kg	U	YES	i i													]	1
Chlorobenzene	4.16		ug/Kg	U	YES					i										1
Chloroelhane	4.16	i	ug/Kg	U	YES	: [	1													

Project Number and Name:

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<sup>\*</sup> 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

Client Sample ID: E11-116-S1

Sample Date: 07/13/2011 Lab Sample ID: 31101872033 Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Reviewed By / Date :							App	rovec	By /	Date:										
Analyle Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICA	CC/
Analysis Method : 8260B					Diluti	on: 1														
Chloroform	4.16	i	ug/Kg	IJ	YES	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<u> </u>	<u> </u>	<u> </u>	<u> </u>			ļ <u>.</u>		ļ	<u> </u>	ļ	.ļ
Chloromethane	4.16		ug/Kg	υ	YES	<u>[.,</u>			<u> </u>	<u> </u>	ļ	<u> </u>	ļ		ļ <u>.</u>			!	ļ	. <del> </del>
cis-1,2-Dichloroethene	4.16		ug/Kg	U	YES	<u> </u>			<u> </u>	<u> </u>	<u> </u>	ļ	ļ	!	ļ <u>.</u>		ļ	ļ	ļ	
cis-1,3-Dichloropropene	4.16		ug/Kg	U	YES	<u> </u>			<u> </u>	l	<u> </u>	l	ļ		ļi		ļ	ļ	ļ	
Dibromochioromethane	4.16		ug/Kg	U	YES	<u> </u>	,,		J	1	<u> </u>	·	ļ				ļ	ļ	ļ	ļ
Dibromomethane	4.16		цо/Кд	U	YES	<u> </u>			J	<u> </u>	<u>L</u> .	i	<u> </u>	Ì	ļ				ļ	.ļ
Dichlorodifluoromethane	4.16		ug/Kg	Ü	YES	1			<u> </u>	<u> </u>	<u> </u>	Ĺ	.!		ļl		ļ	ļ <b>.</b>	<u> </u>	. <u></u>
Ethyl Benzene	4.16		ug/Kg	U	YES	il		,,,,,,,	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u>.</u>	ļ		ļ	ļ	ļ	
Hexachlorobuladiene	4.16		ug/Kg	U	YES	<u></u>			<u> </u>	<u> </u>	L	<u></u>	.l	İ	ļ		ļ	ļ	ļ	. <u>ļ</u>
Isopropylbenzene (Cumene)	4.16		ug/Kg	U	YES	<u></u> .			<u> </u>	J	L	<u> </u>	ļ	<u> </u>	ļ		ļ	ļ	ļ	
m,p-Xylens	8,32		ug/Kg	U	YES	<u>[</u>			<u>.</u>	<u> </u>	J	İ	1	l	ļ		ļ		Į	
Methyl iodide	4,16		ug/Kg	υ	YES	<u> </u>		l	<u> </u>	<u> </u>	<u> </u>	i	.l	l	ļ		ļ		ļ	.ļ
Methylene chloride	0.973		ug/Kg	J	YES	<u> </u>		l	<u> </u>	<u> </u>	<u> </u>	<u> </u>	.[		ļ				ļ	
Naphthalene	4.16		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>		İ	ļi				ļ	.ļ
n-Butylbenzene	4.16		ug/Kg	U	YES	[			<u> </u>	<u> </u>	L	ļ		<u> </u>	<u> </u>			ļ <b>.</b>	ļ	. <u>.</u>
n-Propylbenzene	4.16		ug/Kg	U	YES				<u> </u>	<u> </u>	J	ł	1	İ	1		ļ	ļ	ļ	.ļ
o-Xylene	4.16		ug/Kg	υ	YES			<u> </u>	J	<u> </u>	İ	Ì		ļ	1			ļ	<u> </u>	.!
sec-Buty/benzene	4.16		ug/Kg	υ	YES			l	J	<u> </u>	J	}	<u>.</u>	j	ļ		ļ	ļ	ļ	.ļ
Styrene	4.16	!	ug/Kg	υ	YES	กา		l	<u> </u>	<u>.</u>	UJ	Ĺ	.1	<u> </u>	ļ		ļ	ļ	ļ	.ļ
tert-Bulyl methyl ether (MT8E)	4.16		ug/Kg	υ	YES	£		l	<u>.</u>	<u> </u>	J	L	J	J	ļ			ļ	ļ	.ļ
tert-Butylbenzene	4,16		ид/Кд	U	YES	: I		l	<u> </u>	<u>.</u>	<u>}</u>	Ì	.1	l	ļi		ļ	ļ	ļ	ļ
Tetrachloroethene	4.16	!	ид/Кд	U	YES	: I		l	<u>.</u>	<u> </u>	[	l	.l	l	ļ		ļ	ļ	<u> </u>	<u>.ļ</u>
Toluene	4.16		ug/Kg	บ	YES			<u> </u>	<u> </u>	<u> </u>	<u>I</u>	1	<u> </u>	<u> </u>	ļ	ļ	ļ	Ļ	<u>ļ</u>	ļ
trans-1,2-Dichloroethene	4.16		ug/Kg	บ	YES				<u> </u>	J	}	ł	1	J	<u> </u>		ļ	ļ	ļ	.ļ
trans-1,3-Dichloropropene	4.16		ug/Kg	υ	YES				<u> </u>	J		ļ	1	<u>.</u>	1			ļ	<u> </u>	!
trans-1,4-Dichloro-2-butene	20.8		ug/Kg	บ	YES			l	<u> </u>	ļ.,,	1	J	1	ļ	1	ļ		<u> </u>	<u>.</u>	.l

Project Number and Name: ""¿ - 11-032E Carroll Agent Orange

Library Used:

Report Dato: 9/6/2011 08:59

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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.

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Client Sample ID: E11-116-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872033

Reviewed By / Date :							App	rovec	i By /	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ICV	CCA CA1
Analysis Method : 8260B					Diluti	on: 1												,		
Trichloroethene	4.16	1	ug/Kg	U	YES			<u> </u>	<u> </u>	1	<u> </u>	1		<u> </u>		<u> </u>	l	<u> </u>	ļ	
Trichtorofluoromethane	4.16		ug/Kg	U	YES		1	l	<u> </u>	<u> </u>	<u> </u>	1	1	<u> </u>	.]	<u> </u>	l	<u> </u>	ļ	ļ
Vinyl chloride	4.16		ug/Kg	U	YES			l	J	1	<u> </u>	<u>}</u>	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>	<u></u>	<u> </u>	ļ	<u>.</u>	<u> </u>	.l
Analysis Method : 8270D				,	Diluti	on: 1														
1,2,4-Trichlorobenzene	322		ug/Kg	Ų	YES			l	<u> </u>	<u> </u>	<u>.</u>	Ì	1	j	J	<u> </u>	ļ	Ĺ	ļ	ļ
1,2-Dichlorobenzene	322		ид/Кд	U	YES				<u> </u>	J	<u>L</u>	1		<u> </u>	<u> </u>	<u>!</u>	ļ	i	ļ	ļ
1,3-Dichlorobenzene	322		ug/Kg	U	YES			<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	1	<u> </u>	<u></u>	<u> </u>	<u> </u>	ļ	<u> </u>	.1
1,4-Dichlorobenzene	322		ug/Kg	V	YES			l	<u> </u>	I	<u> </u>	1	1	J	1	ļ	l	ļ	l	
2,4,5-Trichlorophenol	322		ug/Kg	U	YES	UJ				UJ	]	ŧ	]	J	İ	İ	1	ļ	<u> </u>	.!
2,4,6-Trichlorophenol	322		ug/Kg	U	YES	UJ				UJ	<u> </u>	1	]	<u> </u>	1	I	l	ļ	J	.1
2,4-Dichtorophenal	322		ug/Kg	U	YES		j	i		1	İ	1	.1	ļ	J	ļ	l	Ĺ	1	.1
2,4-Dimethylphenol	322		ug/Kg	U	YES				1			l	1	İ		<u>!</u>	I	l	J	
2,4-Dinitrololuene	322		ug/Kg	U	YES	i i	1		1		}	l	1	}	1	l	l	l	<u> </u>	
2,6-Dinitrotoluene	322		ug/Kg	Ų	YES	บป			1	UJ	<u> </u>	Ĺ	1,	<u> </u>	1	İ	l	i	<u> </u>	.1
2-Chloronaphthalene	322		ug/Kg	U	YES	เกา	1		1	UJ	]	ļ.,,,,,	1	<u>.</u>	J		ļ	l	J	
2-Chlorophenol	322		ug/Kg	Ų	YES	1				1	(	<u> </u>	1	1	<u> </u>	1	l	L	<u> </u>	
2-Methylnaphthalene	322		ug/Kg	Ų	YES	1						<u> </u>	<u> </u>	]		l	<u> </u>	l	<u> </u>	.1
2-Methylphenol	322		ug/Kg	Ų	YES					1			l				<u> </u>	<u> </u>	<u> </u>	1
2-Nitroaniline	322		ug/Kg	U	YES	UJ	·····		}	UJ		1	1		1		l	L	<u>]</u>	.1,
2-Nitrophenol	322		ug/Kg	U	YES	1	i							l	1	1	L	l	1	1
3 and/or 4-Methylphenol	322		ug/Kg	υ	YES		1	<b>.</b>		l						1	ļ	<u> </u>	<u> </u>	1
3-Nitroaniline	322		ug/Kg	υ	YES		ĺ		1	<u> </u>			1				<u> </u>	<u> </u>	<u> </u>	J
4-Bromophenyl phenyl ether	322		ug/Kg	U	YES		1						ĺ			1		<u> </u>	1	1
4-Chloro-3-methylphenol	322		ug/Kg	U	YES	. 1			1			1					L	L	1	1
4-Chloroanifine	322	·	ug/Kg	U	YES		<u>-</u>		1			1	1				L	[	1	<u> </u>
4-Chlorophenyl phenyl ether	322		ug/Kg	U	YES					1		}						1	1	1
4-Nitroaniline	322		ug/Kg	U	YES		i			1		}		 					1	1

Project Number and Name:

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Library Used:

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ADR 8.2

Report Date: 9/6/2011 08:59 \* 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 Page 104 of 233

Client Sample ID : E11-116-S1

Sample Date: 07/13/2011 Lab Sample ID: 31101872033 Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

	Uncertainty/	Result	Lab		Overall	Tema	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit			Tune	ıc	ICV	CCV
Result	EIO	Olista	waai															,	
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					03			!	ļ <del></del>	<u>!</u>			1	!	!	! 	 	1	
			u			:		<u>!</u>	1 111	<u> </u>			i	!		! !	L	1	1
					UJ	[ <b>!</b>		ļ	1 03		ļ	. <del> </del>	<u> </u>	ļ			<u> </u>	1	
322			U			<u>!</u>		ļ	<u>!</u>	ļ	ļ		ļ			ļ	<u>.</u>	<u> </u>	
322	1	ug/Kg	บ			<u>l</u>		J	1	l	ļ	.ļ		ļ		ļ	ļ	1	
322	1	ug/Kg	U	YES		1	!	<u> </u>	1	L		.l	<u>.</u>	<u> </u>		ļ	ļ	<u> </u>	<u>.</u>
322	j	ug/Kg	U	YES			!	<u> </u>	1	<u> </u>		.[]	<u> </u>	<u> </u>		ļ	<u> </u>	ļ	.ļ
		ug/Kg	U	YES				<u> </u>	1	1	<u> </u>	.1	<u> </u>	1		l	<u>!</u>	ļ	.ļ
322		ug/Kg	U	YES			!	1	]	1	1	.[	<u> </u>	<u> </u>		<u> </u>	<u> </u>	J	.
322		ug/Kg	U	YES				1	]	1	<u> </u>	.l	<u> </u>	<u> </u>		ļ	<u> </u>	ļ	.
322		ug/Kg	ប	YES			1	<u>.</u>	1	1		1	!	1		<u> </u>	<u> </u>	<u> </u>	
322		ug/Kg	U	YES		1	1	<u> </u>	<u>I</u>	<u> </u>		l	<u>.</u>	1		<u>l</u>	<u></u>	ļ	. <u>l</u>
322		ид/Кд	Ų	YES				1	1	<u> </u>	J	1	1	<u> </u>		l	l	<u></u>	<u>.l</u>
322		ug/Kg	Ų	YES				<u> </u>	Ĭ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		ł	<u> </u>	<u> </u>	<u>.L</u>
322		ug/Kg	U	YES					1	]	<u> </u>		<u> </u>	ļ		Į	<u> </u>	<u></u>	.1
322		ug/Kg	U	YES					1	]	l	l	1			ļ	<u> </u>	<u></u>	.
322		ug/Kg	U	YES				1	1	1		Į	1			l	<u> </u>		
322		ug/Kg	U	YES					I	1		1				1	İ		
322			Ų	YES	IJ				UJ			1	{	l		l	<u> </u>	1	
322	ļ		U	YES	: ;	· · · · · · · · · · · · · · · · · · ·			I	1	1	1		1			l	1	1
	[:		U	YES	: : : : : : : : : : : : : : : : : : : :		::::::::::::::::::::::::::::::::::::::		1	1	1	1	1	i		l		l	1
	\$1. a.a. a.a. a. a.a. a.a. a.a.		U	YES		·····i		: 	1	1	1	1	1	1			[	I	1
	[		i		:	· · · · · · · · · · · · · · · · · · ·		' 	1	I	1	1	)	1		l	}	1	I
	[)							!		i	1	1	1	i		 	1	1	1
					,	!		1 1	<u> </u>	! I	! 	1		!		' I	·	1	.: 1
322		ug/Kg ug/Kg	<u>.</u>	YES	,	:!		ļ	ł	ļ	ļ		<u> </u>	ļ		!	(		1
	322 322 322 322 322 322 322 322	Result Error  322 322 322 322 322 322 322 322 322 3	Result         Error         Units           322         ug/Kg	Result         Error         Units         Qual           322         ug/Kg         U           322         ug/Kg	Result         Error         Units         Qual         Res           Dilutic           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES           322         ug/Kg         U         YES	Result	Result	Result	Result	Result	Result	Name	Second   Control   Contr	Result	Result   Error   Units   Qual   Res   Qual*   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   ToUDIS	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   Tot/Dis   QC	Result	Result	Result

Project Number and Name:

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Library Used: CampCarroll

Report Date: 9/6/2011 08:59

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<sup>\*</sup> 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

Client Sample ID : E11-116-S1

Lab Report Batch: 31101872

Sample Date: 07/13/2011

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Lab Sample ID: 31101872033

Reviewed By / Date :

Approved By / Date:

Analyle Name	Result	Uncertainty ( Error	Result Units	Lab Quai	Rep Res	Overati Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	tC.	ICV	CCA
Analysis Method : 8270D					Diluti	on: 1						,,								
Hexachloroethane	322	;	ug/Kg	U	YES				1		1	1	1	l	1		<u> </u>	<u> </u>	<u> </u>	
Indeno(1,2,3-cd)pyrene	322		ид/Кд	υ	YES								1	l	[		1		<u> </u>	
Isophorone	322		ug/Kg	ម	YES	: 1							]	ļ		l			<u> </u>	1
Naphthalene	322	;	ug/Kg	U	YES	: 1			1						İ				<u> </u>	1
Nitrobenzene	322		ug/Kg	U	YES	]									]				<u> </u>	1
n-Nitrosodi-n-propylamine	322		ug/Kg	Ų	YES										]				1	1
Pentachlorophenol	322		ug/Kg	U	YES										1		l		1	1
Phenanthrene	322		ug/Kg	U	YES												l		]	1
Phenol	322		ug/Kg	U	YES						ļ						[]			1
Pyrene	322		ขg/Kg	υ	YES										1					

Project Number and Name:

ĭ»¿ - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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ADR 8.2

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

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Client Sample ID: E11-116-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872034 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

A	Danult	Uncertainty /		Lab Qual		Overal	Temp	нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CC/
Analysis Method : 6010C	Result	Error	Units		Dilutio		remp	nı.	WID	LOS	MO	vup	Suit	Littil	100019	w.	tune		104	
				-					!		:				1 1					1
Arsenic	4.71		mg/kg		YES		ļ				ļ	ļ	!	<u> </u>						ļ
Arsenic	4.71	ļ	mg/kg		YES	·	! <u>!</u>		[			ļ	ļ	<u>!</u>	!!					<u> </u>
Barium	81.6	;;	mg/kg		YES	<i></i>	!		ļ		ļ	ļ			!		!			ļ
Barium	81.6		mg/kg		YES					l	1		İ	l	<u> </u>		ļ			ļ
Cadmium	0.779	<b>!</b> .,	mg/kg		YES	U	l		U	<u> </u>		ĺ	ļ		<u> </u> i		l			ļ
Cadmium	0.779	i	mg/kg		YES	U	1		U	<u> </u>	<u>;                                    </u>	<u> </u>		l	<u> </u>		ll			l
Chromium	4.15	<u> </u>	mg/kg		YES				l	l	<u>.</u>	<u></u>		<u> </u>	<u> </u>		l			<u> </u>
Chromium	4.15	;	mg/kg		YES		<u> </u>		<u> </u>	<u> </u>			l	<u> </u>	<u> </u>		l			<u> </u>
Lead	13.4		mg/kg		YES		<u> </u>		l		<u> </u>				<u> </u>		l			<u> </u>
Lead	13.4		mg/kg		YES	,	[ ]					İ	1		ļ <u>. i</u>		l			<u> </u>
Selenium	1.77		mg/kg	υ	YES	.,,,,,,,,,	!							i	l i					<u> </u>
Selenium	1.77		mg/kg	U	YES			,,,,,,,						i						l
Silver	0.886		mg/kg	U	YES									ĺ			1			1
Silver	0.886		mg/kg	υ	YES													-		
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0.00631		mg/kg	J	YES										1					1
Analysis Method : 8081				******	Dilutio	n:1				* * * * * * * * * * * * * * * * * * * *										
4,4'-DDD	4.99		ид/Кд	J	YES	~~~~												1		[
4,4'-000	4.99		ug/Kg	J	YES :		ĺ											1		İ
4,4'-DDE	4.43		ug/Kg	J	YES :		! !													1
4,4'-DDE	4.43		ug/Kg	J	YES ;		1								1					
4,4'-DDT	10.2		ug/Kg		YES	U			U								1			1
4,4'-DDT	10.2		ug/Kg		YES	U			U				<del>-</del>							l
Aldrin	9.88		ug/Kg	U	YES	,	i i						 							1
Aldrin	9.88	·:	ug/Kg	U	YES		i i													1
alpha-BHC	9.88	;	ug/Kg	U	YES				i						i					i
alpha-BHC	9.88		ug/Kg	υ	YES			'۔۔۔۔۔۔' ا	····			···		: <i></i> 	· · · · · · · · · · · · · · · · · · ·	-,	·			i

ĭ»¿ - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/0/2011 00:59 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 Page 107 of 233

Client Sample ID : E11-116-S2

Sample Date : 07/13/2011 Lab Sample ID: 31101872034 Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date :

### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	M8	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCA
Analysis Method : 8081					Diluti	on: 1						·					1 1			1
alpha-Chiordane	9.88		ug/Kg	U	YES	:	<u>                                     </u>				<u> </u>		ļ	<u> </u>	ļ				<u> </u>	!
alpha-Chlordane	9,88		ug/Kg	U	YES			,,,,,,,,,	<u> </u>	<u> </u>	<u> </u>		ļ						!	!
beta-BHC	9.88		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	!	<u> </u>	<u>!</u>		<u></u>		1	ļ
bela-BHC	9.88		ug/Kg	U	YES			<u> </u>	1	<u> </u>	<u> </u>		ļ	ļ	ļ			•	!	ļ
Chlordane	32.9		ug/Kg	บ	YES	İ	1		1	<u> </u>	ļ	Ì		ļ	.[		ļ		ļ	
Chlordane	32.9		ug/Kg	U	YES				<u> </u>	<u>ļ.,</u>	j	l	ļ	ļ					ļ	<u></u>
delta-BHC	9.88		ug/Kg	Ų	YES			l	<u> </u>	<u> </u>	<u> </u>	L		ļ	.ļ	<u> </u>			ļ	. <del> </del>
delta-BHC	9.88		ug/Kg	U	YES				1	<u> </u>		1	<u> </u>	<u> </u>	.1				† t	
Dieldrin	0.777		ug/Kg	JР	YES		l	<u> </u>	<u> </u>	<u> </u>	1		ļ	<u>ļ</u>		<u>.</u>				
Dieldrin	0.777		ug/Kg	JР	YES	ĺ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1		ļ	ļ	.ļ	<u>.</u>				
Endosulfan I	9.88		ug/Kg	U	YES	Ĭ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	J		ļ	ļ	.ļ	ļ	ļ		ļ	
Endosulfan I	9,88		ug/Kg	Ų	YES	<u> </u>	<u> </u>	<u> </u>	<u></u>	<u>.</u>	J		ļ	ļ		ļ	ļ		ļ	
Endosulfan II	9,88	}	ug/Kg	Ų	YES	<u> </u>	<u> </u>	<u> </u>	<u>J</u> .	J	1		ļ	ļ	-ļ	ļ	<u> </u>		ļ	. <del> </del>
Endosulfan II	9.88		ug/Kg	Ų	YES	<u>.</u>	1	<u> </u>	<u></u>	<u>]</u>	<u> </u>	1	ļ	1	.ļ	ļ	ļ		ļ	
Endosulfan sulfate	9.88		ug/Kg	U	YES	i	<u> </u>	<u> </u>	1	1	1		ļ	ļ				} 	<del> </del>	
Endosulfan sulfate	9.88		ug/Kg	U	YES		ļ	ļ	<u> </u>	<u> </u>	<u>j</u>	l	J	ļ	. !	ļ			1	
Endria	9.88		ug/Kg	U	YES			l	<u> </u>	<u> </u>	<u></u>		ļ	ļ	.	ļ	ļ	i 	ļ	
Endrin	9.88		ug/Kg	U	YES		İ.,	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	ļ	ļ		<u> </u>	ļ		ļ	
Endrin aldehyde	9.88		ug/Kg	U	YES		ł	1	1	<u> </u>	1	1		ļ		<u> </u>	ļ	1	<u>.                                    </u>	
	9,88		ug/Kg	U	YES		1	1	1	<u> </u>	1		<u>.</u>	İ.,	.ļ	<u> </u>	ļ		ļ	
Endrin aldehyde Endrin kelone	9.88		ug/Kg	ប	YES			ļ .	<u>l</u>	<u> </u>	1	.\	.l	.l	.!	ļ	ļ	ļ	ļ	
Endrin ketone	9,88		ug/Kg	υ	YES			l	1	<u> </u>			ļ	J	.	ļ	ļ	ļ	. <u></u>	4
gamma-BHC (Lindane)	2.66		ug/Kg	J	YES	U		<u>                                     </u>	Įυ	<u> </u>	1	1	<u> </u>	ļ	<u> </u>	<u>!</u>	ļ	<u> </u>	. <u>ļ</u>	
gamma-BHC (Lindane)	2.66	• • • • • • • • • • • • • • • • • • •	ug/Kg	J	YES	U	1	1	U	1	1	<u></u>	<u>.</u>	J,	<u></u>	ļ	ļ	ļ	.l	
gamma-Chlordane	9.88		ug/Kg	U	YES	-	1		]	1	1		1	.l,	ļ		ļ	ļ	<u>. ļ</u>	ļ
gamma-Chlordane	9.86	4	ug/Kg	ប	YES	1		ĺ		1	1	!	<u>L</u>		.1	J	1	l	.J	!

Project Number and Name: i»¿ - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Client Sample ID: E11-116-S2

Sample Date : 07/13/2011

Lab Sample ID: 31101872034

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW Sample Matrix: SO

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist ToUDis		Tune	ic	ICV	CCA
Analysis Method : 808	1				Dilutio	on: 1								.,						
Heptachlor	9.88		ug/Kg	U	YES	:				1	****	]	[	J	1	<u> </u>	1		ļ	1
Heptachlor	9.88	;	ug/Kg	U	YES					1		1	1	]		<u> </u>	1	.,	<u> </u>	[
Heptachlor epoxide	9.88	;	ug/Kg	U	YES				1	1		1	1	]	1		1		<u> </u>	-
Heptachlor epoxide	9.88	;	ug/Kg	U	YES						]	1	1		ļ	<u> </u>	1		<u> </u>	<u> </u>
Methoxychlor	9.88		ug/Kg	U	YES				Ì			ļ	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>
Methoxychlor	9.88		ug/Kg	Ų	YES								1	1		İ	l		<u> </u>	<u> </u>
Toxaphene	32.9		ug/Kg	U	YES	İ				Ĭ			1	!	[	<u> </u>	l		<u> </u>	<u> </u>
Toxaphene	32.9		ug/Kg	U	YES					1			1	l	<u> </u>		<u> </u>		1	<u> </u>
Analysis Method : 8151					Dilutio	on: 1		,												
2,4,5-T	0.0159	1	mg/kg	Ų	YES				Ę	<u> </u>	<u>.</u>	<u> </u>		<u>.</u>	ļ	<u> </u>	l		1	1
2,4,5-TP (Silvex)	0.0159		mg/kg	υ	YES				Į	<u> </u>	l	<u> </u>	l	ļ		1	ļ	l	1	1
2,4'-D	0.0159		mg/kg	ប	YES			١	l	<u> </u>	<u> </u>	ļ	<u> </u>	J	l	f	l		<b>.</b>	1
2,4-DB	0.0159		mg/kg	Ų	YES				l	<u> </u>	1	l	l	J	l	l	l		]	ļ
Dicamba	0.0159		mg/kg	Ų	YES				l	<u> </u>	<u> </u>	(,	l	<u> </u>	<u> </u>	<u> </u>	L		l	ļ
Analysis Method : 8260	В				Dilutio	on: 1														~~~~
1,1,1,2-Tetrachioroethane	5.13		ug/Kg	U	YES		.,		l	<u>.</u>	<u> </u>	<u> </u>	<u> </u>	İ	1	<u> </u>	[		ļ	<u> </u>
1,1,1-Trichloroethane	5.13	<u> </u>	ug/Kg	U	YES				l	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	ļ.,
1,1,2,2-Tetrachioroethane	5,13		ug/Kg	U	YES	İ			<u> </u>	<u> </u>	<u> </u>	l	ļ. <u></u>	<u> </u>		<u> </u>	<u> </u>		<u></u>	<u> </u>
1,1,2-Trichloroethane	5.13		ug/Kg	υ	YES		1			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		l			<u> </u>	<u> </u>
1,1-Dichtoroethane	5.13		ug/Kg	ប	YES	1	1		l			<u> </u>	<u> </u>	<u> </u>		l	[]		<u> </u>	<u> </u>
1,1-Dichloroethene	5.13		ug/Kg	U	YES		1		l	1	1	<u> </u>	l	<u> </u>					<u> </u>	<u> </u>
1,1-Dichloropropene	5.13	;	ug/Kg	U	YES	1	1		l	1	1	<u> </u>	<u> </u>	ì		l	<u>   </u>		<u> </u>	<u> </u>
1,2,3-Trichtorobenzene	5.13	;	ug/Kg	U	YES		!			<u> </u>	1	1	<u> </u>		1		l		<u> </u>	<u> </u>
1,2,3-Trichloropropane	5.13		ug/Kg	U	YES				<u> </u>	<u> </u>	Í,	<u> </u>	<u> </u>	[	<u>                                     </u>		<u> </u>			<u> </u>
1,2,4-Trichlorobenzene	5.13		ug/Kg	U	YES					1	<u> </u>	1		Ì	1				l	<u> </u>
1,2,4-Trimethylbenzene	5.13		ug/Kg	U	YES					1			1	<u> </u>	<u> </u>				l	1
1,2-Dibromo-3-chloropropane	30.8		ug/Kg	U	YES					1	Ι	1		1	1	1	1			1

Project Number and Name:

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Library Used:

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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.

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Client Sample ID: E11-116-S2

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Sample Date: 07/13/2011 Lab Sample ID: 31101872034

Reviewed By / Date :

#### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	ŧC	ICV	CCA
Analysis Method : 8260B					Diluti	on: 1										 			
1,2-Dibromoethane	5.13		ug/Kg	U	YES		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>                                     </u>	<u> </u>	<u> </u>	ļ	<u> </u>	 l		ļ	ļ
1,2-Dichlorobenzene	5.13		ug/Kg	U	YES		<u> </u>	<u> </u>	<u>                                     </u>	[	<u> </u>		<u> </u>	<u> </u>		 l		ļ	ļ
1,2-Dichloroethane	5,13		ug/Kg	U	YES		1	<u> </u>	1	<u> </u>	]		<u> </u>	<u> </u>	<u> </u>	 ļl		<u> </u>	ļ
1,2-Dichloropropane	5.13		ug/Kg	U	YES			<u> </u>		[			<u> </u>	<u> </u>	!	 l		<u> </u>	ļ
1,3,5-Trimethylbenzene	5.13		ug/Kg	Ų	YES			1		<u> </u>			1	<u> </u>		 l		<u> </u>	<u> </u>
1,3-Dichlorobenzene	5.13		ug/Kg	U	YES		1	1	1	l	ì :		l	<u> </u>	<u> </u>	 l		<u> </u>	<u> </u>
1,3-Dichloropropane	5.13		ug/Kg	U	YES			<u> </u>	1		]		<u> </u>	ļ	<u> </u>	 l		<u></u>	<u>l</u>
1,4-Dichlorobenzene	5.13		ug/Kg	υ	YES			<u> </u>	1	<u> </u>	1	.,	<u> </u>	<u>!</u>	<u> </u>	 <u> </u>		<u> </u>	1
2,2-Dichloropropane	5.13		ug/Kg	U	YES			<u> </u>	1		]		l	ļ	<u>                                     </u>	 <u> </u>		<u> </u>	ļ
2-Butanone	49.8		ug/Kg		YES	J		<u> </u>	l	<u> </u>	J		<u> </u>	ļ	<u> </u>	 [		<u></u>	1
2-Chlorotoluene	5.13		ug/Kg	ម	YES			1			,		l	<u> </u>	<u> </u>	 <u> </u>		<u> </u>	<u> </u>
2-Hexanone	5.61		ug/Kg	J	YES	j		<u> </u>	<u> </u>	l	J		l	<u> </u>	l	 l		<u> </u>	<u> </u>
4-Chlorotoluene	5.13		ид/Кд	U	YES				<u> </u>	l	<u> </u>		l	<u> </u>	<u> </u>	 <u> </u>		<u> </u>	<u> </u>
4-Isopropyitoluene	5.13		ug/Kg	υ	YES		l		[]	l			l		<u> </u>	 <u> </u>		<u> </u>	<u>l</u>
4-Methyl-2-pentanone	12.8		ug/Kg	U	YES			l	<u> </u>	l	l		l		<u> </u>	 <u> </u>		<u></u>	ļ
Acetone	191		ug/Kg		YES				[ <u>.</u> ]	l			l	Í	1	 l		<u> </u>	ļ
Benzene	5.13	;	ug/Kg	U	YES					l			l	<u>!</u>		 ll		<u> </u>	l
Bromobenzene	5.13		ug/Kg	U	YES			ŀ	ļ ļ	l			l	<u> </u>	1	 l!		<u> </u>	l
Bromochloromethane	5.13		ug/Kg	υ	YES	:				l			l	}	l	 li		<u> </u>	<u> </u>
Bromodichloromethane	5.13	1	ug/Kg	U	YES			İ	l				l	1		 l		<u> </u>	<u> </u>
Bromoform	5.13		ug/Kg	υ	YES			İ					l			 <u> </u>		<u> </u>	1
Bromomethane	5.13		ug/Kg	υ	YES			]		l			l	}	l	 <u> </u>		J	l
Carbon disulfide	5.13		ug/Kg	U	YES					<u> </u>			<u> </u>	1	1	 <u> </u>		<u> </u>	<u>l</u>
Carbon tetrachloride	5.13		ug/Kg	U	YES								l	l	l	 l		<u> </u>	ļ
Chlorobenzene	5.13		ug/Kg	U	YES								l	{		 l		<u> </u>	ļ
Chloroelhane	5,13		ug/Kg	U	YES				i				1			 		<u> </u>	1

Project Number and Name: "»¿ - 11-032E Carroll Agent Orange

Library Used:

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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

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Client Sample ID : E11-116-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872034

Reviewed By / Date :							App	roved	By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV/ CCV
Analysis Method : 8260B					Diluti	on: 1						v,-,-,-								
Chloroform	5,13		ug/Kg	U	YES	ĹI			1	1	<u> </u>	i		<u> </u>			<u> </u>			<u> </u>
Chloromethane	5.13		ug/Kg	U	YES				ĺ	1	<u> </u>	{	<u> </u>						1	1
cis-1,2-Dichloroethene	5.13		ug/Kg	U	YES				1	1	<u> </u>	}	1		<u>                                     </u>		l !		<u> </u>	l
cis-1,3-Dichloropropene	5.13		ug/Kg	U	YES				l		]		l	i					<u> </u>	
Dibromochloromethane	5.13		ид/Кд	U	YES					]	Į		1	!					<u> </u>	1
Dibromomethane	5.13		ug/Kg	U	YES				1	]			ĺ	İ	1				<u> </u>	<u> </u>
Dichlorodifluoromethane	5.13		ug/Kg	υ	YES						1		l	<u> </u>					<u> </u>	1
Ethyl Benzene	5.13		ug/Kg	U	YES				[		ļ		l	i			<u> </u>		<u> </u>	l
Hexachlorobutadiene	5.13		ug/Kg	U	YES						ŀ		l	}	l i				<u> </u>	1
Isopropylbenzene (Cumene)	5.13		ug/Kg	U	YES		j		1				l	1					<u> </u>	l
m,p-Xylene	10.3		ug/Kg	Ų	YES	ı	1			1									1	1
Methyl iodide	3.10		ug/Kg	J	YES		Ī			1							]			1
Methylene chloride	20.5		ug/Kg	U	YES					1	}		l				Ì			<u> </u>
Naphihalene	5,13		ug/Kg	U	YES		1			1	}						<u> </u>		<u> </u>	1
n-Butylbenzene	5.13		ug/Kg	U	YES		1												<u> </u>	l
n-Propylbenzene	5.13		ug/Kg	U	YES		1								į					1
o-Xylene	5.13		ид/Кд	U	YES					1					(					1
sec-Butylbenzene	5.13		ug/Kg	υ	YES	1	1			1										1
Styrene	5.13		ug/Kg	U	YE5	UJ	1			l	បូរ									1
tert-Butyl methyl ether (MTBE)	5.13		ug/Kg	U	YES	1														l
lert-Bulylbenzene	5.13		ug/Kg	U	YES	i											1			l
Tetrachloroethene	20.5	ì	ug/Kg		YES												1			1
Toluene	5.13	;	ug/Kg	U	YES		1	1		[							1			<u> </u>
rans-1,2-Dichloroethene	5.13		ug/Kg	υ	YES		1	ı							1				1	
rans-1,3-Dichloropropene	5.13		ug/Kg	υ	YES	1				1									l	1
rans-1,4-Dichloro-2-butene	25.7		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·			1					1	1			1	1

Project Number and Name:

ĭ»¿ - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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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

Client Sample ID: E11-116-S2

Sample Date : 07/13/2011

Lab Sample ID: 31101872034

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCA
Analysis Method : 8260B	,,,				Diluti	on: 1									va					
Trichloroethene	5,13	:	ug/Kg	U	YES				l	1				1	1		l			1
Trichlorolluoromethane	5.13		ug/Kg	U	YES	ļ				1			l	<u> </u>	<u> </u>		<u>                                     </u>			1
Vinyl chloride	5.13		ug/Kg	U	YES	1			l	<u> </u>		<u> </u>	<u> </u>	į	1		<u>[</u>			1
Analysis Method : 8270D					Diluti	on: 1														
1,2,4-Trichlorobenzene	332		ug/Kg	Ų	YES	,	1		l	<u> </u>		l	ţ		l		li		l	1
1,2-Dichlorobenzene	332	<u>;</u>	ug/Kg	U	YES				l	<u> </u>		1	l	İ	1		L		l	l
1,3-Dichlorobenzene	332	<u>[</u>	ug/Kg	υ	YES		1		<u> </u>	<u> </u>		1	<u> </u>	İ	]		<u> </u>			<u>!</u>
1,4-Dichlorobenzene	332		ug/Kg	U	YES				l	ļ			l	l	ļ		l			ļ
2,4,5-Trichlorophenol	332		ug/Kg	υ	YES	UJ			l	l m		!	l	İ	<u> </u>		l		,	1
2,4,6-Trichlorophenol	332		ug/Kg	ប	YES	UJ			l	ΙIJ	l		l	<u> </u>	ļ		ļl			
2,4-Dichlorophenol	332		ug/Kg	U	YES				١	l			l	l	<u>I.</u>		li		l	
2,4-Dimethylphenol	332		ug/Kg	U	YES					1		l	<u> </u>	ļ <sub>.</sub>	<u> </u>		l J		l	1
2,4-Dinitrotoluene	332		ug/Kg	U	YES					j			l		1		l		l	ļ
2,6-Dinitrotoluene	332		ид/Кд	U	YES	UJ			 	UJ	l	l	l		1		<u></u>		l	l
2-Chloronaphthalene	332		ug/Kg	U	YES	UJ				UJ		l	l		l		ll		l	1
2-Chlorophenol	332		ug/Kg	Ų	YES					<u> </u>	<u> </u>	l	l		<u> </u>	,	l		l	l
2-Methylnaphthalene	332		ug/Kg	U	YES				 	<u> </u>	<u> </u>	l	l <u>.</u>		<u>                                     </u>		<u> </u>			l
2-Methylphenol	332		ug/Kg	Ų	YES	[							<u> </u>	l	<u>                                     </u>		<u> </u>			<u> </u>
2-Nitroaniline	332		ug/Kg	U	YES	UJ				บง			l		<u> </u>		<u>                                     </u>			<u> </u>
2-Nitrophenol	332		ug/Kg	υ	YES	1				1			l		<u> </u>		<u> </u>		<u> </u>	<u> </u>
3 and/or 4-Methylphenol	332		ug/Kg	υ	YES								l		<u>                                     </u>		<u> </u>		l	<u>l</u>
3-Nitroanitine	332		ug/Kg	U	YES		1			1		l	l		[]		<u> </u>		<u> </u>	<u> </u>
4-Bromophenyl phenyl ether	332	;	ид/Кд	U	YES							<u> </u>			ļ <u>i</u>		<u>                                     </u>		l	<u> </u>
4-Chloro-3-methylphenol	332		ug/Kg	U	YES							<u> </u>			11					<u> </u>
4-Chloroaniline	332		ug/Kg	U	YES	1	]			1					1					<u> </u>
4-Chlorophenyi phenyi ether	332		ug/Kg	U J	YES	}				:					1		]			<u> </u>
4-Nitroaniline	332		ug/Kg	υ	YES	1		······						:					l	

Project Number and Name:

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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

Client Sample ID: E11-116-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872034 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :							App	rovec	1 By /	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	(CV	CCV
Analysis Method : 8270D			,		Diluti	on: 1								-1-0033310						
4-Nitrophenol	332		ug/Kg	U	YES	UJ				UJ		Ĭ	1	<u> </u>	1			<u> </u>	<u> </u>	<u> </u>
Acenaphthene	332		ug/Kg	U	YES				1		1				1		1		1	ļ
Acenaphthylene	332		ug/Kg	U	YES	IJ				UJ	1		ļ	1	[		1		1	<u> </u>
Anthracene	332		ug/Kg	U	YES						;	1	1		1		1		<u> </u>	
Benzo(a)anthracene	332		ug/Kg	υ	YES					l		į	1		li				<u> </u>	1
Benzo(a)pyrene	332		ug/Kg	υ	YES				1	l	}	ĺ		1	l		1		<u> </u>	<u> </u>
Benzo(b)fluoranthene	332		ug/Kg	U	YES							1	1		l				1	1,
Benzo(g,h,i)perylene	332	:	ug/Kg	U	YES							1	1		1				<u> </u>	<u> </u>
Benzo(k)fluoranthene	332	:	ug/Kg	U	YES				[					ŀ	l				<u> </u>	<u> </u>
Bis(2-Chloroethoxy)methane	332		ug/Kg	U	YES						i			(	l		<u> </u>		<u> </u>	Į
Bis(2-Chloroethyl)ether	332		ug/Kg	U	YES					]			1	1			[]		<u> </u>	<u> </u>
Bis(2-Chloroisopropyl)ether	332		ug/Kg	U	YES			,		1					[				]	1
Bis(2-Ethylhexyl)phthalate	332		ug/Kg	บ	YES		1			1	}	1		1			[]		]	İ
Butyl benzyl phthalate	332		ug/Kg	U	YES						}	1	1						]	İ
Chrysene	332		ug/Kg	U	YES				1		i	}		į			[]			
Dibenz(a,h)anthracene	332		ug/Kg	U	YES	1	· · · · · · · · · · · · · · · · · · ·				}	}		(			l		]	
Dibenzofuran	332		ug/Kg	U	YES					1	ì			}			[ <u>.</u>			
Diethyl phthalate	332		ug/Kg	U	YES					[		ĺ	1	l	1		1			<u> </u>
Dimethyl phthalale	332		ug/Kg	υ	YES	IJ	1			UJ			1		1		1			
Di-n-butyl phthalate	332		ug/Kg	U	YES										1		1		1	
Di-n-octyl phthalate	332		ug/Kg	υ	YES					1			l		1		1		1	<u> </u>
Fluoranthene	332	1	ид/Кд	U	YES	.	1			1	1		İ						1	
Fluorene	332		ug/Kg	U	YES		1				1			l					<u> </u>	1
Hexachlorobenzene	332		ug/Kg	U	YES		1			1	Į	į	1		[				1	1
Hexachlorobutadione	332		ug/Kg	ប	YES		i			l	<u> </u>	i	i						1	1
Hexachlorocyclopentadiene	332		ug/Kg	U	YES					l		1							1	1

Project Number and Name: i»¿ - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/6/2011 08:59 \* 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 Page 113 of 233

Client Sample ID: E11-116-S2

Reviewed By / Date:

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RE\$

Sample Matrix: SO

Lab Sample ID: 31101872034

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overati Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	332	-	ug/Kg	U	YES					<u> </u>	<u> </u>				1			<u> </u>	1	1
Indeno(1,2,3-cd)pyrene	332		ug/Kg	U	YES					1	]		1		1		1	ļ	<u> </u>	<u> </u>
Isophorone	332		ug/Kg	U	YES			F			]		ļ		1		l		1	1
Naphthalene	332		ug/Kg	U	YES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	[			[				1					1
Nitrobenzene	332		ид/Кд	U	YES						1	1			ļ			Ĺ	<u> </u>	[
n-Nitrosodi-n-propylamine	332		ug/Kg	U	YES				1		l	1	1		ļI				]	<u> </u>
Pentachlorophenol	332		ug/Kg	U	YES				1			1							<u> </u>	[
Phenanthrene	332		ug/Kg	U	YES				1		}	1			l i				<u> </u>	[
Phenol	332		ug/Kg	Ü	YES				1	1	}	1			l i				]	
Pyrene	332		ug/Kg	U	YES					1		1			1 1					

Project Number and Name:

آ»ر - 11-032E Carroll Agent Orange

Library Used:

Roport Dato: 9/6/2011 08:59

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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

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Client Sample ID: E11-116-S3

Lab Report Batch: 31101872

Sample Date: 07/13/2011

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872035

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Quai*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCV CCV
Analysis Method : 6010C					Dilutio	n: 1									,-,,-,-,-					
Arsenic	3.02		mg/kg		YES					1	į	<u> </u>	ļ		<u>i 1</u>		1			1
Arsenic	3.02		mg/kg		YES						Ì		<u> </u>	<u> </u>			<u>                                     </u>			1
Barium	52.5		mg/kg		YES		) l			<u> </u>	i				1 1		<u> </u>			1
Barium	52.5		mg/kg		YES										<u>                                     </u>	<b>-</b>				1
Cadmium	0,577		mg/kg		YES	U			U				ļ		<u>                                     </u>					1
Cadmium	0.577		mg/kg		YES	U	<u> </u>		U				l		<u> </u>					<u> </u>
Chromium	6.32		mg/kg		YES										1		<u> </u>			1
Chromium	6.32		mg/kg		YES					l									,	1
Lead	10.0		mg/kg		YES										l		<u> </u>			1
Lead	10.0	;	mg/kg		YES :										<u> </u>		l			1
Selenium	2.21		mg/kg	υ	YES								[]		l					<u> </u>
Selenium	2.21		mg/kg	U	YES		<u> </u>						l		<b>!</b> !					
Silver	1.11		mg/kg	U	YES										[]			1		<u> </u>
Silver	1.11		mg/kg	U	YES					l					[]		<u> </u>	]		1
Analysis Method : 7471B	www.noamanamamamamamamamamamamamamamamamamam				Ditutio	n: 1														
Mercury	0.00738	<u> </u>	mg/kg	J	YES								j		l			]		l
Analysis Method : 8081					Dilutio	n: 1														
4,4'-DDD	10.7		ug/Kg	Ų	YES						l				<u></u>		<u>l</u>			ļ
4,4'-DDD	10.7		ug/Kg	U	YE6					,	l				l					<u> </u>
4,4'-DDE	10.7		ug/kg	U	YE5					ļ					l					<u> </u>
4,4'-DDE	10.7		ug/Kg	U	YES				]								<u>                                     </u>	1		<u> </u>
4,4'-DDT	7.76		ug/Kg	JP :	YES :	U			U				J				<u> </u>	]		<u> </u>
4,4'-DDT	7.76	<u> </u>	ug/Kg	JP	YES	U	]		U								li			<u> </u>
Aldrin	10.7	<u></u>	ug/Kg	U	YES				]								<u>                                     </u>	]		<u> </u>
Aldrin	10.7		ug/Kg	υį	YES			1									<u>                                     </u>			<u> </u>
alpha-BHC	10.7		ug/Kg	υ	YES		Ī	Ī	<u>_</u>				j				<u> </u>	J		J
alpha-BHC	10.7		ug/Kg	ט	YES		1	Ī	Ī				j		1					<u> </u>

Project Number and Name:

ĭ»¿ - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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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

Client Sample ID: E11-116-S3

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Sample Date: 07/13/2011 Lab Sample ID: 31101872035

Reviewed By / Date :							App	roved	I By /	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Qual*		нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis	Field QC	Tune	ıc	ICV	CCA CA1
Analysis Method : 8081					Diluti	on: 1														
alpha-Chlordane	10.7		ug/Kg	U	YES	:			1		į	1		1	!		1		1	1
alpha-Chlordane	10.7		ug/Kg	U	YES							1			l		1		1	1
beta-BHC	10.7		ид/Кд	U	YES				l	1							l		1	]
beta-BHC	10.7		ug/Kg	U	YES	1				1			1				l		<u> </u>	1
Chlordane	35.5		ug/Kg	u	YES					1								į		1
Chlordane	35.5		ug/Kg	U	YES				1				1		1		l			1
delta-BHC	10.7		ug/Kg	U	YES				1						1					1
della-BHC	10.7		ug/Kg	U	YES	<u> </u>			1					i				1		
Dieldrin	10.7		ug/Kg	U	YES	1			1	1	1						İ			1
Dieldrin	10.7		ид/Кд	U	YES						]						Ī		]	<u> </u>
Endosullan I	10.7		ug/Kg	U	YES		1			1	i	1					1			1
Endosulfan i	10.7		ug/Kg	U	YES		1										1			
Endosulfan II	10.7		ug/Kg	υ	YES						]	1			1		l		l	1
Endosulfan li	10.7		ug/Kg	U	YES	]					-	}					[		ļ	<u> </u>
Endosulfan sulfate	10.7	1	ug/Kg	U	YES								1							
Endosulfan suifate	10.7		ug/Kg	U	YES															1
Endrin	10.7	1	ug/Kg	U	YES	I	1			1										
Endrin	10.7	;	ug/Kg	U	YES		1												1	
Endrin aldehyde	10.7	1	ug/Kg	U	YES	1	ĺ	1					1 1		1 1		1		l	
Endrin aldehyde	10.7		ug/Kg	υ	YES					[	1	]			1				1	
Endrin kelone	10.7		ug/Kg	U	YES	1									1				l	1
Endrin ketone	10.7		ug/Kg	u	YES		1												l	1
gamma-BHC (Lindane)	10.7		ug/Kg	U	YES		1	· · · · · · · · · · · · · · · · · · ·				[								1
gamma-BHC (Lindane)	10.7	:	ug/Kg	U	YES			1					l i							l
gamma-Chlordane	10.7		ยg/Kg	υ	YES			1					i i		1					1
gamma-Chlordane	10.7		ug/Kg	U	YES	1		1	I										1	1

Project Number and Name:

i»¿ - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/6/2011 08:59 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

Client Sample ID : E11-116-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872035

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							App	roved	By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	нт	МВ	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ICV	CV/ CCV
Analysis Method : 8081					Diluti	on: 1														
Heptachlor	10.7		ug/Kg	U	YES					1				1		į			1	
Heptachlor	10.7		ug/Kg	U	YES	:			1										1	
Heptachlor epoxide	10.7	;	ug/Kg	U	YES				1		1	1	[	1			1			1
Heptachlor epoxide	10.7		ug/Kg	U	YES	: 1			1											1
Methoxychlor	10.7		ug/Kg	U	YES															
Methoxychior	10.7		ug/Kg	U	YES															1
Toxaphene	35.5		ug/Kg	U	YES	;			1	1									1	
Toxaphene	35.5		ug/Kg	U	YES				1	1				1	i					1
Analysis Method : 8151					Diluti	on: 1								.,,,,,,,						
2,4,5-T	0.0176		mg/kg	U	YES						i	Į	-	ì						
2,4,5-TP (Silvex)	0.0176		mg/kg	U	YES					1	1			l					1	1
2,4'-D	0.0176		mg/kg	U	YES					1	i		i .				1		Ì	1
2,4-DB	0.0176		mg/kg	υ	YES	i	1													1
Dicamba	0.0176		mg/kg	U	YES	1					}						[ [			1
Analysis Method : 8260B					Diluti	on: 1														
1,1,1,2-Tetrachioroethane	4.35	1	ug/Kg	υ	YES	1				1				l					1	1
1,1,1-Trichloroelhane	4.35		ug/Kg	U	YES		1								İ				1	1
1,1,2,2-Telrachloroethane	4.35		ug/Kg	Ų	YES		1												1	1
1,1,2-Trichtoroethane	4,35		шу/Ку	U	YES		Ì										)		l	1
1,1-Dichloroethane	4.35		ug/Kg	U	YES										1		)		l	
1,1-Dichloroethene	4.35		ug/Kg	U	YES	1									1		1		}	
1,1-Dichloropropene	4.35		ug/Kg	U ;	YES	[									į		f			ļ
1,2,3-Trichlorobenzene	4.35		ug/Kg	U	YES		1							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
1,2,3-Trichloropropane	4.35	İ	ug/Kg	U	YES		1												1	1
1,2,4-Trichlorobenzene	4.35		ug/Kg	U	YES		١												1	1
1,2,4-Trimethylbenzene	4.35	```	ug/Kg	υ	YES														l	l
1,2-Dibromo-3-chloropropane	26.1	·····	ug/Kg	U	YES					3			I }		i		1		ı	l

Project Number and Name:

i»¿ - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/8/2011 08:59

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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

Client Sample ID: E11-116-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872035 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							App	roved	l By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overalf Qual*	Temp	HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV
Analysis Method : 8260B					Diluti	on: 1														
1,2-Dibromoethane	4.35		ug/Kg	U	YES	; !					1	1		]	1		1		1	1
1,2-Dichlorobenzene	4.35		ид/Кд	U	YES				1			1			l		l		]	l
1,2-Dichloroethane	4.35		ug/Kg	U	YES					1				1						
1,2-Dichloropropane	4.35	;	ug/Kg	U	YES								1						1	
1,3,5-Trimethylbenzene	4.35		ug/Kg	u	YES				i			ļ	1		i					
1,3-Dichlorobenzene	4.35		ug/Kg	U	YES		ĺ			1		}			i				1	
1,3-Dichloropropane	4.35		ug/Kg	Ų	YES				[		 ]	1							1	
1,4-Dichlorobenzene	4.35		ug/Kg	υ	YES						į	<u> </u>				.,,			1	1
2,2-Dichloropropane	4.35		ug/Kg	υ	YES						(	[		ļ						1
2-Butanone	21.7		ug/Kg	U	YES			*********		1	i									l
2-Chlorotoluene	4.35		ug/Kg	U	YES		······					i				,,,,,,				
2-Hexanone	10.9		ug/Kg	U	YES	. I	· · · · · · · · · · · · · · · · · · ·					į							1	1
4-Chiorotoluene	4.35		ug/Kg	U	YES	1					Į				i				1	
4-Isopropyiloluene	4,35		ug/Kg	U	YES	ļ	1						1				1			ĺ
4-Melhyl-2-pentanone	10.9		ид/Кд	U	YES		1			1			1		]	,,				l
Acetone	24.6		ид/Кд	J	YES		I			1						.,.,				ĺ
Benzene	4.35		ug/Kg	U	YES		1								ſ					l
Bromobenzene	4.35		ug/Kg	υ	YES	1							1							1
Bromochloromelhane	4.35	!	ug/Kg	U }	YES	1	ŀ	Ï												ĺ
Bromodichloromethane	4,35		ug/Kg	U	YES	}														
Bromoform	4.35		ug/Kg	U	YES		1						[		ļ					1
Bromomelhane	4.35	i	ug/Kg	U	YES		1													1
Carbon disulfide	4.35	:	ug/Kg	U	YES										ĺ					1
Carbon tetrachloride	4.35	:	ug/Kg	U	YES		1	1												1
Chlorobenzene	4.35		ug/Kg	U	YES															i
Chloroethane	4.35		ug/Kg	U	YES										· · · · · · i					1

Project Number and Name:

ت»ی - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

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Client Sample ID: E11-116-S3

Reviewed By / Date :

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872035

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Molst Tot/Dis	Fleid QC	Tune	iC	icv	CCV
Analysis Method : 8260B					Dilutio	on: 1								21120						
Chloroform	4.35	!	ug/Kg	U	YES				1	1		}	1		1				1	
Chloromethane	4.35		ug/Kg	ប	YES				l	1			ĺ	1					1	[
cls-1,2-Dichloroethene	4.35		ug/Kg	U	YES			,	1		1		l .		1				<u> </u>	1
cis-1,3-Dichloropropene	4.35		ug/Kg	U	YES								1		l		]		<u> </u>	1
Dibromochloromelhane	4.35		ug/Kg	υ	YES		ļ				}		1				]		İ	1
Dibromomethane	4.35		ug/Kg	U	YES					l			Ī				į			ĺ
Dichlorodifluoromethane	4.35		ug/Kg	U ,	YES		1						1						]	1
Ethyl Benzene	4.35		ug/Kg	ย	YES		1										1	*******		
Hexachlorobutadiene	4,35		ид/Кд	U	YES						l		1							l
Isopropylbenzene (Cumene)	4.35		ug/Kg	Ų	YES								l							l
m,p-Xylene	8.69		ug/Kg	υ	YES		1		[						1				1	ĺ
Methyl iodide	4.35		ug/Kg	U	YES	l	1								i		1	1		1
Methylene chloride	1.54	i	ид/Кд	J	YES				i						[		}			1
Naphthalene	4.35		ug/Kg	U	YES	1											l	1		
n-Bulyibenzene	4.35		ug/Kg	υ	YES										ļ		1	1		<u> </u>
n-Propylbenzene	4.35		ug/Kg	υ	YES			1	i	}										ļ
o-Xylene	4.35	;	ug/Kg	U	YES		1	1		1									1	1
sec-Bulyibenzene	4.35		ug/Kg	U	YES	1	1	ı			1				1	1	1			1
Slyrene	4.35	:	ug/Kg	U	YES :	UJ	1				ttu j					1	}	1		1
lert-Butyl methyl ether (MTBE)	4.35	}	ug/Kg	υ	YES					1					l	1	į			1
tert-Butylbenzene	4.35		ug/Kg	U	YES		-		-	1						1	1	1		1
Tetrachloroethene	9.82		ug/Kg		YES		1	1	1	1					l i	١		1		1
Toluene	4,35		ug/Kg	U	YES	1	1	1			ì					Į		- 1		1
Irans-1,2-Dichloroethene	4.35	;	ug/Kg	U	YES	1		1			1				1					
rans-1,3-Dichtoropropene	4.35	:	ug/Kg	U ;	YES		1	1	I			1	i							1
rans-1,4-Dichloro-2-butene	21.7		ug/Kg	U :	YES		1	1	1			1	4	1	1		1		1	1

Project Number and Name: "»¿ - 11-032E Carroll Agent Orange

Library Used: Report Date. 9/6/2011 08:59

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ADR 8.2

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

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Client Sample ID: E11-116-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872035

					_															
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis		Tune	1C	ICV	CCA
Analysis Method : 8260	)B				Diluti	on: 1														
Trichloroelhene	4.35		ug/Kg	υ	YES				1		1			į	1		1		1	J
Trichlerofluoromethane	4.35		ug/Kg	U	YES						1								1	1
Vinyl chloride	4.35		ug/Kg	U	YES				1		1	1							1	
Analysis Method : 8270	D				Diluti	on: 1														
1,2,4-Trichlorobenzene	357		ug/Kg	Ų	YES				1		Ī	l	l	ļ <b>.</b> .	1				1	1
1,2-Dichlorobenzene	357		ug/Kg	U	YES				l	1			1	]			1			1
1,3-Dichlorobenzene	357		ug/Kg	U	YES								1		1		1			1
1,4-Dichlorobenzene	357		ug/Kg	U	YES						1		}							
2,4,5-Trichlorophenol	357		ug/Kg	U	YES	UJ				UJ	ì			,	1				[	
2,4,6-Trichlorophenol	357		ug/Kg	Ų	YES	UJ .				เกา	<u> </u>	1		Ì						
2,4-Dichlorophenol	357		ug/Kg	υ	YES					1		}							1	
2,4-Dimethylphenol	357		ug/Kg	U	YES					1	1		1						1	
2,4-Dinitrotoluene	357		ug/Kg	Ų	YES	ı	1			1	į		i		1 1					1
2,6-Dinitrotoluene	357		ug/Kg	U	YES	υJ				បរ	ĺ		1		l i		1			1
2-Chloronaphthalene	357		ug/Kg	U	YES	บป	-			UJ		}			1					1
2-Chlorophenol	357		ug/Kg	U	YES	ı	1			1		l	1							
2-Methylnaphthalene	357		ug/Kg	U	YES					1			1						1	
2-Methylphenol	357	)	ug/Kg	U	YES	1	1			1	]								1	
2-Nitroaniline	357		ug/Kg	υ	YES	UJ				UJ	}									
2-Nitrophenol	357	1	ug/Kg	U	YES	1	1				f									1
3 and/or 4-Methylphenol	357		ug/Kg	U	YES		1								1					
3-Nitroaniline	357	1	ug/Kg	U	YES									.,,-,-	1					
4-Bromophenyl phenyl ether	357		ug/Kg	υ	YES						1									
I-Chloro-3-methylphenol	357		ug/Kg	U	YES		Ī				ļ									
I-Chleroaniline	357	]	ug/Kg	u	YES	1	Ì	ĺ				ļ							1	]
i-Chlorophenyi phenyi elher	357		ug/Kg	U	YES		i	······				 				,				1
I-Nitroaniline	357		ug/Kg	U	YES			i					i				1		I	1

Project Number and Name:

ADR 8.2

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Library Used:

Report Date: 9/8/2011 08:59

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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

Client Sample ID: E11-116-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872035 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :	*************									Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quat*		нт	МВ	LCS	MS	Lati Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /
Analysis Method : 8270D					Dilutio	on: 1														
4-Nitrophenol	357		ug/Kg	U	YES	UJ			l	UJ	4			1					1	
Acenaphihene	357		ug/Kg	ម	YES							1							1	1
Acenaphlhylene	357		ug/Kg	U	YES	IJ			1	UJ		}								1
Anthracene	357		ug/Kg	U	YES				1	1							1			1
Benzo(a)anthracene	357		ug/Kg	U	YES						]			İ			1			1
Benzo(a)pyrene	357		ug/Kg	Ų	YES						}								1	
Benzo(b)fluoranthene	357		ug/Kg	υ	YES						į			į	]				1	
Benzo(g,h,i)perylene	357	;	ug/Kg	U	YES						}	į								
Benzo(k)fluoranthene	357		ug/Kg	U	YES												[			1
Bis(2-Chloroethoxy)melhane	357		ид/Кд	U	YES				1	1	i .		l	ĺ	[		1		]	1
Bis(2-Chloroethyl)ether	357		ug/Kg	υ	YES						ļ									1
Bis(2-Chloroisopropyl)ether	357		ug/Kg	U	YES						Ì.								ļ	ŀ
Bis(2-Ethylhexyl)phthalate	357		ug/Kg	υ	YES					1		}							1	]
Butyi benzyi phihalale	357		ug/Kg	υ	YES		1			l			1						1	1
Chrysene	357		ug/Kg	υ	YES		ı			1									l	1
Dibenz(a,h)anthracene	357		ug/Kg	U	YES															
Dibenzofuran	357		ид/Кд	U	YES						}								1	1
Diethyl phthalate	357	1	ug/Kg	U	YES										]				1	l.
Dimethyl phthalate	357		ug/Kg	U	YES	IJ		1		l M			1				1		1	1
Di-n-butyl phthalale	357		ug/Kg	U ;	YES										ŀ				l	1
Di-n-octyl phthalate	357		ug/Kg	U	YES															1
Fluoranthene	357		ug/Kg	U	YES	·										.,,,,			l	1
Fluorene	357		ug/Kg	U	YES		1			]							1			1
Hexachlorobenzene	357	;	ug/Kg	υ	YES			- 1						i 1					[	1
Hexachlorobutadiene	357	;	ug/Kg	U	YES	į	1	1												1
Hexachlorocyclopenladiene	357		ug/Kg	U	YES			ĺ							1		1			1

Project Number and Name: i»¿ - 11-032E Carroll Agent Orange

Library Used:

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Report Date. 9/6/2011 08.59 \* 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 Page 121 of 233

Client Sample ID: E11-116-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872035

Reviewed By / Date :							App	rovec	By/	Date :					,,,,,,,,,,					
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	мв	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CC/
Analysis Method : 8270D					Diluti	on: 1	***********													
Hexachloroethane	357		ид/Кд	U	YES		!	1		1				!	1					
Indeno(1,2,3-cd)pyrene	357		ug/Kg	U	YES						.,,,,,,,,,,			1			[		1	1
Isophorone	357		ug/Kg	Ų	YES	:				1		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	[					!		
Naphthalene	357		ug/Kg	Ų	YES	;				1					Ì				1	1
Nitrobenzene	357		ug/Kg	U	YES	:				1										
n-Nitrosodi-n-propylamine	357		ug/Kg	υ	YES	:												.,	]	
Pentachlorophenol	357		ug/Kg	U	YES								1						[	
Phenanthrene	357		ug/Kg	U	YES			.,,	1	i			1							1
Phenol	357		ug/Kg	v	YES		 		 [											1
Pyrene	357		ug/Kg	U	YES									,	i i				1	ĺ

Project Number and Name:

i»¿ - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2

Report Date: 9/G/2011 08:59 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 Page 122 of 230

Client Sample ID: E11-116-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872036 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							App	roved	By /	Date	<b>:</b>									
Analyte Name	Result	Uncertainty I Error	Result Units	Lab Qual		Overall Qual*	Temp	HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ICV	CCV
Analysis Method : 6010C					Diluti	on: 1														
Arsenic	1.80	:	mg/kg		YES					1	]						f .		]	
Arsenic	1.80		mg/kg		YES					1	l	-							l	
Barium	86.5		mg/kg		YES							ì	1				1		1	
Barium	86.5		mg/kg		YES					Ì		1		!			1			
Cadmium	0.509	;	mg/kg		YES	U			Ų											
Cadmium	0.509		mg/kg		YES	U			U	] 										
Chromium	3.73		mg/kg		YES					 	1								1	
Chromium	3.73		mg/kg		YES						1	1	}							l
Lead	6.92		mg/kg		YES						}	1		İ						l
Lead	6.92		mg/kg		YES		l					i			]					
Selenium	1.93		mg/kg	U	YES								1		]					1
Selenium	1.93		mg/kg	U	YES					i	1							.,		
Silver	0.963		mg/kg	U	YES		1					1	1		1					
Silver	0.963		mg/kg	U	YES	ı											1			
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0,0211	,	mg/kg	U	YES						1									
Analysis Method : 8081	*****************				Dilutio	n: 1														
4,4'-DDD	10.3		ид/Кд	υ	YES	ĺ	1				J	1			l					<u> </u>
1,4~DDD	10.3	į	ug/Kg	U	YES		1				l						j			
1,4'-DDE	10.3		ug/Kg	U	YES	1					l		1				}			
4,4'-DDE	10.3		ug/Kg	U	YES	1					!		1			1	i			
1,4'-DDT	1.98	;	ug/Kg	JP	YES	U			U		ĺ									
1,4'-DDT	1.98		ug/Kg	JР	YES	U	I	1	U		ŀ	1			<b>[</b>					
Aldrin	10.3		ug/Kg	υ	YES			1				l			[					
Atdrin	10.3		ug/Kg	U	YES				}							1	ļ			
alpha-BHC	10.3		ug/Kg	U	YES	}			ĺ				[				}			<del>-</del>
alpha-BHC	10.3		ug/Kg	U	YES		1						i I			Ì				

Project Number and Name:

i»ی - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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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

Client Sample ID: E11-116-S4

Sample Date: 07/13/2011 Lab Sample ID: 31101872036 Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quat	Rep Res	Overall Qual*	Temp	HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	ıc	ICV	CCA CA1
Analysis Method : 8081					Diluti	on:1										 			
alpha-Chlordane	10.3		ug/Kg	U	YES	<u> </u>			1	l	<u> </u>	l	<u> </u>	1	1	 <u> </u>	L	<u> </u>	Į
alpha-Chlordane	10.3		ug/Kg	U	YES			l	<u> </u>	<u> </u>	<u> </u>	1	<u>.</u>	1		 ļ	<u> </u>	<u> </u>	
bela-8HC	10.3		ug/Kg	U	YES				l	l	į	ļ	<u>.</u>	}	<u>                                     </u>	 <u> </u>	<u> </u>	J	1
beta-BHC	10.3		ug/Kg	U	YES				1	1	1	l	1	]	1	 <u> </u>	1	1	1
Chlordane	34.3		ug/Kg	U	YES								1		1	 ļ			1
Chlordane	34.3		ug/Kg	U	YES							1	1			 [		<u> </u>	!
della-BHC	10.3		ug/Kg	U	YES							1				[		<u> </u>	İ
delta-BHC	10.3		ug/Kg	υ	YES				1						1	ĺ		]	l
Dieldrin	10.3		ug/Kg	U	YES								l	1	1				ļ
Dieldrin	10.3		ug/Kg	Ü	YES								1	1		 		I	ļ
Endosulfan I	10.3		ug/Kg	U	YES	1					1			1		 1		1	1
Endosulfan I	10.3		ug/Kg	Ų	YES						1		1					1	1
Endosulfan II	10.3		ug/Kg	Ų	YES	į I						]			1	 ]			l
Endosulfan II	10.3		ug/Kg	ť	YES	1						[			1			1	
Endosulfan sulfate	10.3		ug/Kg	U	YES		1											l	1
Endosulfan sulfale	10.3		ug/Kg	U	YES	: 1	1		}				}					l	
Endrin	10.3		ug/Kg	U	YES	: 1	1							1				l	
Endrin	10,3		ид/Кд	U	YES	: 1							1					1	1
Endrin aldehyde	10.3		ug/Kg	υ	YES		1					!	1	!		 		]	l
Endrin aldehyde	10.3		ug/Kg	U	YES		1						1		1 1		<u> </u>	1	l
Endrin ketone	10.3	į	ug/Kg	ឋ	YES	. 1									1 1	[ ]		ļ	<u> </u>
Endrin ketone	10.3		ug/Kg	u	YES		1						ĺ	1	1			[	
gamma-BHC (Lindane)	10.3		ug/Kg	U	YES		1			`			1	1				<u> </u>	<u> </u>
gamma-BHC (Lindane)	10.3		ug/Kg	U	YES	i	·····							•					
gamma-Chlordane	10.3		ug/Kg	υ	YES	ĺ								1		 			
gamma-Chlordane	10.3		ид/Кд	υ	YES								1			 			

Project Number and Name: - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:59 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 Page 124 of 233

Client Sample ID: E11-116-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872036

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV CCV
Analysis Method : 8081					Dilutio	on: 1														
Heptachlor	10.3		ид/Кд	U	YES	:						[					}		1	1
Heptachlor	10.3		ug/Kg	U	YES															1
Heptachlor epoxide	10.3		ид/Кд	U	YES						]									
Heptachlor epoxide	10.3		ug/Kg	U	YES		1				}		1		1					1
Methoxychior	10.3		ug/Kg	U	YES			,,												1
Methoxychlor	10.3		ug/Kg	ប	YES		1		1											1
Toxaphene	34,3		ug/Kg	U	YES					[							i		1	1
Toxaphene	34,3		ид/Кд	U	YES				1											Ī
Analysis Method : 8151				*******	Dilutio	on: 1	,													
2,4,5-T	0.0167		mg/kg	υ	YES		1			1	ļ	i			1		ĺ		1	1
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES		1			1		j								-
2,4'-D	0.0167		mg/kg	U	YES		1					1	i		i i		1			1
2,4-DB	0.0167		mg/kg	U	YES												1			1
Dicamba	0.0167		mg/kg	U	YES		1												1	
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.58		ug/Kg	U	YES	1							i		1				l	l
1,1,1-Trichloroethane	4.58		ug/Kg	U	YES	1							3							
1,1,2,2-Tetrachloroethane	4.58	i	ug/Kg	υ	YES										i		į		[	1
1,1,2- Frichtoroethane	4.58		ug/Kg	υ	YES :									,	i	1	į			1
1,1-Dichloroelhane	4.58		ug/Kg	υ	YES										ĺ		į			
1,1-Dichloroethene	4.58		ug/Kg	U	YES	1														1
1,1-Dichloropropene	4.58	:	ug/Kg	U	YES	1		Ī										••		
1,2,3-Trichlorobenzene	4.58		ug/Kg	U	YES			ı		i i	ĺ	1	1							
1,2,3-Trichloropropane	4.5B		ug/Kg	U	YES		1	1		l		1								1
1,2,4-Trichlorobenzene	4.58		ug/Kg	บ	YES		1		اا	i		١			1		Į			1
1,2,4-Trimethylbenzene	4.58		ug/Kg	U	YES	1		Ì								1				1
1,2-Dibromo-3-chloropropane	27.5		ug/Kg	V	YES	1	Î	1				1								ĺ

Project Number and Name:

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Library Used:

Report Date: 9/8/2011 08:59

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

Client Sample ID: E11-116-S4

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872036

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Đup	Surr		Moist Tot/Dis		Тиле	IC	(CV	CCV
Analysis Method : 8260B					Diluti	on: 1														
1,2-Dibromoethane	4.58		ug/Kg	U	YES							1					l			]
1,2-Dichlorobenzene	4.58	;	ug/Kg	U	YES							i								
1,2-Dichloroethane	4.58		ug/Kg	U	YES						}		l							1
1,2-Dichloropropane	4.5B		ug/Kg	U	YES										ļ i				1	
1,3,5-Trimethylbenzene	4.58		ug/Kg	υ	YES								ĺ		1		i			1
1,3-Dichlorobenzene	4.58		ug/Kg	U	YES										1		{		1	
1,3-Dichloropropane	4.58		ug/Kg	U	YES					f							1			
1,4-Dichlorobenzene	4.58		ug/Kg	IJ	YES												l . I		1	ĺ
2,2-Dichtoropropane	4.58	:	ug/Kg	U	YES										l				1	ļ
2-Butanone	22.9		ug/Kg	U	YES										[					
2-Chiorotoluene	4.58		ug/Kg	Ų	YES										l i				1	1
2-Hexanone	11.4		ug/Kg	U	YES		1										1		l	
4-Chlorololuene	4.58		ug/Kg	U	YES										1					
4-isopropyltoluene	4.58		ug/Kg	U	YES														1	1
4-Methyl-2-pentanone	11.4	i	ug/Kg	υ	YES	ì	1													1
Acetone	8.61	;	ид/Кд	J	YES		1													1
Benzene	4.58		ug/Kg	υ	YES		1													1
Bromobenzene	4.58		ug/Kg	U	YES		1	1								1	}			1
Bromochloromethane	4.58	}	ug/Kg	U	YES			1	1				1				1			
Bromodichloromethane	4.58	;	ug/Kg	U ;	YES		1	1		1		l	}		1			,		1
Bromoform	4.58		ид/Кд	U	YES	1	1	1	l		1	1								1
3romomethane	4.58		ид/Кд	U	YES		1					1	1							1
Carbon disulfide	4.58		ug/Kg	U	YES		1	1		J	1		j				Ì		i	İ
Carbon tetrachloride	4.58		ug/Kg	U	YES		- 1	1	i i		ſ	-	i				1			1
Chlorobenzene	4.58		ug/Kg	U	YES	1	1	1	1		I		1		}	1	1			1
Chloroethane	4.58		ug/Kg	υ	YES		· · · · · · · · · · · · · · · · · · ·					ı	1		Í				l	

Project Number and Name: i'v2 - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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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

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Client Sample ID: E11-116-S4

Sample Date: 07/13/2011

Lab Sample ID: 31101872036

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV
Analysis Method : 8260B	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Dilutio	,						<u>-</u>				· · · · · · · · · · · · · · · · · · ·				
Chloroform	4.58		ug/Kg	Ų	YES			•			!									ī .
Chloromethane	4.58		ug/Kg	Ų	YES		1				1				1					
cis-1,2-Dichloroethene	4.58		ug/Kg	U	YES		1				 				1					1
cis-1,3-Dichloropropene	4.58		ug/Kg	ប	YES		i i								l					
Dibromochioromethane	4,58		ug/Kg	U	YES		i I							.,					1	1
Dibromomethane	4.58		ug/Kg	U	YES														1	
Dichlorodifluoromethane	4.58		ug/Kg	U	YES							 								
Ethyl Benzene	4.58		ug/Kg	U	YES		1								i			,		
Hexachtorobutadiene	4,58		ug/Kg	U	YES		1				1								j	
Isopropylbenzene (Cumene)	4.58	i	ug/Kg	υ	YES		1				,				1		l			
m.p-Xylene	9.15	1	ug/Kg	U	YES															
Methyl iodide	4.58		ug/Kg	U	YES															
Methylene chloride	18.3		ид/Кд	U	YES		1													İ
Naphthalene	4.58		ug/Kg	บ	YES	.,							j		}		}			1
n-Butylbenzene	4,58		ug/Kg	Ų	YES										1					1
n-Propylbenzene	4.58		ug/Kg	U	YES								į							I
o-Xylene	4.58		ug/Kg	U	YES		1	1	1				Í							l
sec-Butylbenzene	4.58		ug/Kg	υ	YES		1		1						l I					l
Styrene	4.58	:	ug/Kg	υ	YES	IJ	1				UJ									ŀ
tert-Butyl methyl ether (MTSE)	4.58	;	ug/Kg	U	YES		1		1						1					
terl-Bulylbenzene	4.58		ug/Kg	U	YES										1			-		1
Tetrachloroethene	4.58	ļ	ug/Kg	U	YES			1	1				1		1					1
Toluene	4.58		ug/Kg	U	YES			1					}							
trans-1,2-Dichloroethene	4.58		ug/Kg	υ	YES										l					
trans-1,3-Dichloropropene	4.58		ug/Kg	ប	YES		1				i							1		1
trans-1,4-Dichtoro-2-butene	22.9		ug/Kg	U	YES		1	1										1		i

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Report Date: 9/6/2011 08:59

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<sup>\*</sup> 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

Client Sample ID: E11-116-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872036

Reviewed By / Date :							App	roved	By /	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual*	Temp	HΥ	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	icv	CCV
Analysis Method : 8260	В				Diluti	on: 1														
Trichloroelhene	4.58		ug/Kg	U	YES				ĺ		]	ĺ	1	]				l	1	1
Trichlorofluoromethane	4.58		ug/Kg	U	YES				1	-	}		ļ .	1	l		1		J	1
Vinyl chloride	4.58		ug/Kg	U	YES					1	-	}	1				1			
Analysis Method : 8270	D				Diluti	on: 1														
1,2,4-Trichlorobenzene	352		ug/Kg	U	YES		[			1		(	1	İ					1	1
1,2-Dichlorobenzene	352		ug/Kg	U	YES										1				J	1
1,3-Dichtorobenzene	352		ug/Kg	U	YES					F	İ									1
1,4-Dichlorobenzene	352		ug/Kg	U	YES							j		į			1		1	1
2,4,5-Trichlorophenol	352		ug/Kg	U	YES	UJ	]			UJ	Į			1	1		1		ĺ	1
2,4,6-Trichlorophenol	352		ug/Kg	U	YES	ÜΊ			1	UJ	1	1		1			1			1
2,4-Dichlorophenol	352		ug/Kg	U	YES		1			1		í								[
2,4-Dimethylphenol	352		ug/Kg	U	YES	1					 		1		1				1	1
2,4-Dinitrotoluene	352		ug/Kg	U	YES	1				1					1				1	]
2,6-Dinitrotoluene	352	;	ug/Kg	U	YES	υJ	1			UJ	}			}	1				1	
2-Chioronaphthalene	352	į	ug/Kg	υ	YES	רח				UJ										
2-Chiorophenol	352	į	ug/Kg	U	YES	*	1						1							
2-Methylnaphthalene	352		ug/Kg	U	YES	Í	<u>.</u>												1	1
2-Methylphenol	352		ug/Kg	U	YES			]					ĺ		[		{		1	1
2-Nitroaniline	352		ug/Kg	U	YES	UJ				UJ							į		1	
2-Nitrophenol	352		ug/Kg	U	YES		Ī													
3 and/or 4-Methylphenol	352		ug/Kg	U	YES	1	l													
3-Nitroaniline	352		ug/Kg	ย	YES		1		Ī											]
4-Bromophenyl phenyl elher	352	•	ug/Kg	U	YES				I						i i				]	1
4-Chloro-3-methylphenol	352		ug/Kg	U	YES		i	i												1
4-Chloroaniline	352		ид/Кд	U	YES	·i	1	i	<u></u>						1				1	1
4-Chlorophenyl phenyl ether	352	·····	ug/Kg	U	YES			· · · · · · · · · · · · · · · · · · ·	i										[	1
4-Nitroaniline	352	·····	ид/Кд	U	YES			·i					i				1			[

Project Number and Name:

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Library Used:

Report Date: 9/6/2011 08:59

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ADR 8.2 • 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

Client Sample ID: E11-116-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872036

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HŦ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CV/
Analysis Method : 8270D					Diluti	on: 1					··· ·········									
4-Nitrophenol	352		ug/Kg	U	YES	UJ				UJ		-							1	
Acenaphthene	352		ug/Kg	U	YES				i		;						1		l	]
Acenaphthylene	352		ug/Kg	U	YES	UJ				UJ	,						l i		1	1
Anthracene	352		ug/Kg	υ	YES		1													l
Benzo(a)anthracene	352		ug/Kg	υ	YES		1						ļ		i					1
Benzo(a)pyrene	352		ug/Kg	ប	YES		I			 			 							l
Benzo(b)fluoranthene	352		ug/Kg	U	YES															
Benzo(g,h,i)perylene	352		ug/Kg	U	YES		]			[	1	;	[		l i		l {		1	
Benzo(k)fluoranthene	352		ug/Kg	U	YES		1												1	
Bis(2-Chloroethoxy)methane	352		ug/Kg	υ	YES		1							,						1
Bis(2-Chloroethyl)ether	352		ug/Kg	ŭ	YES	]	i								1					1
Bis(2-Chloroisopropyl)elher	352		ug/Kg	Ų	YES										<b>l</b> (					1
Bis(2-Ethylhexyl)phthalale	352		ug/Kg	Ų	YES		Ì	,							i i					1
Bulyl benzyl phihalate	352		ug/Kg	V	YES		1								1 1					1
Chrysene	352		ug/Kg	U	YES		1													1
Dibenz(a,h)anthracene	352		ug/Kg	U	YES	[											ļ			[
Dibenzofuran	352		ug/Kg	U	YES					1							1		l i	
Diethyl phthalate	352		ид/Кд	υ	YES		Ì						i		1		1			
Dimelhyl phthalale	352		ид/Кд	U	YES	נט		i		UJ										 
Di-n-butyl phthalate	352		ид/Кд	U	YES	Ì	i	i									i			
Di-n-octyl phthalate	352		ug/Kg	U	YES			······ )		·							Ì			
Fluoranthene	352		ug/Kg	U	YES		1	1					3				1		i	
Fluorene	352		ug/Kg	บ	YES	······		i				1					······			
Hexachlorobenzene	352		ug/Kg	U	YES			·····		·····	· · · · · · · · i	i			i i	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		·i	
Hexachlorobuladiene	352		ug/Kg	U	YES		······'	1		· · · · · · · i		·····'	·····i		· · · · · · · · · · · · · · · · · · ·		······		······································	
Hexachlorocyclopentadiene	352	1	ug/Kg	U	YES		····i	····· ;	······/	·····i			· · · · · i		· · · · · · · · · · · · · · · · · · ·		·····		· · · · · · · · · · · · · · · · · · ·	

Project Number and Name: i»¿ - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/6/2011 08:59

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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

Client Sample ID: E11-116-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872036

Reviewed By / Date :							Арр	rovec	l By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	£ab Qual	Rep Res	Overal Quai	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	1CV	CCV
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	352		ug/Kg	U	YES	:				1	İ		1	}			[		1	
Indeno(1,2,3-cd)pyrene	352		ug/Kg	U	YES	:									1		1			1
Isophorone	352		ug/Kg	U	YES		1			ļ	 	[	1		1			.,,	]	
Naphthalene	352		ug/Kg	U	YES				1		 	 							1	
Nitrobenzene	352		ug/Kg	U	YES				1	1		i								1
n-Nitrosodi-n-propylamine	352		ug/Kg	V	YES															
Pentachlorophenol	352		ug/Kg	υ	YES		i			i					1					1
Phenanthrene	352		ug/Kg	U	YES								]						1	 
Phenol	352		ug/Kg	U	YES														1	l
Pyrene	352		ug/Kg	U	YES										i i				1	i

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Library Used:

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Report Date: 9/6/2011 08:59 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 Page 130 of 233

Client Sample ID : E11-118-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/12/2011 Lab Sample ID: 31101872002 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Result	Uncertainty / Error	Result Units	Lab Qual				нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit			Tune	IC	ICV	CCV
	eemaneemannaana.k.k.a			Dilutio	on: 1	·············													A.11.7.00.11
3,24		mg/kg		YES				ĺ				1						f	1
86.4		mg/kg		YES					 	[		i							1
		mg/kg		YES		i i		1				 				]			
4.64		mg/kg		YES	J			1			j j					1			
8.58		mg/kg		YES	J				l		j							1	1
2.06		mg/kg	υ	YES								1							1
1.03		mg/kg	U	YES		į													
				Dilutio	n: 1														
0.0184		mg/kg	U	YES								1	l			li		<u>J</u>	ļ
				Dilutio	on: 1							***************************************							
9.91		ug/Kg	U	YES		1		l				l		<u> </u>				<u> </u>	1
9.91		ug/Kg	U	YES		l								]		ì			
1.14		ug/Kg	J	YES	J					J								1	1
1.14		ug/Kg	J	YES	j	j l				J								1	ļ
2.19		ug/Kg	J	YES	J					J				<u> </u>				1	1
2.19		ug/Kg	J	YES	J					J								J	l
9.91		ug/Kg	U	YES														<u> </u>	
9.91		ug/Kg	U	YES		ı										}		1	
9.91		ug/Kg	U	YES												1		1	1
9.91	;	ug/Kg	U	YES					}					1		İ		1	1
9.91		ug/Kg	υ	YES	R					R						1		1	1
9.91		ug/Kg	U	YES	R		1			R								1	1
9,91		ug/Kg	u	YES														1	
9.91	i	ug/Kg	U	YES		ĺ													1
33.0	;	ug/Kg	U	YES :	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					]									
33.0		ug/Kg	U	YES			1		1							1			
9.91		ug/Kg	U	YES			Î	i											
	3.24 86.4 0.552 4.64 8.58 2.06 1.03 0.0184 9.91 9.91 1.14 1.14 2.19 9.91 9.91 9.91 9.91 9.91 9.91 9.91	Result Error  3.24  86.4  0.552  4.64  8.58  2.06  1.03  0.0184  9.91  9.91  1.14  1.14  2.19  2.19  9.91	Result         Error         Units           3.24         mg/kg           86.4         mg/kg           0.552         mg/kg           4.64         mg/kg           8.58         mg/kg           1.03         mg/kg           0.0184         mg/kg           9.91         ug/kg           9.91         ug/kg           1.14         ug/kg           2.19         ug/kg           9.91	Result         Error         Units         Qual           3.24         mg/kg            86.4         mg/kg            0.552         mg/kg            4.64         mg/kg            8.58         mg/kg         U           1.03         mg/kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           1.14         ug/Kg         J           1.14         ug/Kg         J           2.19         ug/Kg         J           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U           9.91         ug/Kg         U	Result	Result	Result	Result	Result   Error   Units   Qual   Res   Qual* Temp   HT   MB	Result	Result	Result	Result	Result   Error	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit TotVDIs	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   Tot/Dis   QC	Result   Error   Units   Qual   Res   Qual*   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   TotU01s   QC   Tune	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Lmit   ToUDIS   QC   Tune   IC	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   Totills   QC   Tune   IC   ICV

Project Number and Name:

i»¿ - 11-032Ë Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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ADR 8.2

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

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Client Sample ID: E11-118-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/12/2011 Lab Sample ID: 31101872002 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Тетр	HT	MB	LCS	MS	i.ab Dup	Surr	Rep Limit	Moist Tot/Dis		Типе	IC	ICV	CCV
Analysis Method : 8081					Diluti	วก: 1											* *************************************			
delta-BHC	9.91		ug/Kg	U	YES				1	Ï	T		1				1 !		]	1
Dieldrin	9.91		ug/Kg	U	YES						 						1			
Dieldrin	9.91	;	ug/Kg	U	YES				1	1	]									l
Endosulfan I	9.91		ug/Kg	U	YES				 			}	i							1
Endosulfan I	9.91		ug/Kg	υ	YES		i				 									
Endosulfan II	9.91	1	ug/Kg	U	YES				 		 				ı			******		
Endosulfan il	9.91	;	ug/Kg	U	YES															
Endosulfan sulfale	9.91	;	ug/Kg	UΡ	YES												1		i	1
Endosulfan sulfale	9.91		ug/Kg	UP	YES												l i			1
Endrin	9.91	; ;	ид/Кд	U	YES						ļ	1								1
Endrin	9.91		ug/Kg	U	YES										1					
Endrin afdehyde	9.91		ug/Kg	U	YES															
Endrin aldehyde	9.91		ug/Kg	U	YES												]			1
Endrin ketone	9.91		ug/Kg	UP	YES						j						l			
Endrin ketone	9.91		ug/Kg	UΡ	YES		1				`									1
gamma-BHC (Lindane)	0.571		ug/Kg	J	YES	J	1				J									
gamma-BHC (Lindane)	0.571	1	ug/Kg	J	YES	J					J					1				
gamma-Chlordane	0.858		ug/Kg	J	YES	J	1				J					1	l I	ı		
gamma-Chlordane	0.858		ug/Kg	J	YES	J	1				ال					1	-			
Heplachlor	9.91		ug/Kg	U	YES	1	}	1										1		
Heptachlor	9.91	1	ug/Kg	U	YES		1	1			i i		}				1			
Heptachlor epoxide	9.91	i	ug/Kg	υ	YES	j	-	١	1	i	i i	ı								
Heptachior epoxide	9.91	:	ug/Kg	υ	YES															
Methoxychlor	9.91		ug/Kg	U	YES				1											
Melhoxychlor	9.91		цд/Кд	U	YES	I		1		}		]	1		[		1			
Toxaphene	33.0	1 1	ug/Kg	U	YES		1		1			· · · · · · · · · · · · · · · · · · ·	· · · · · · i		l i	· · · · · · · · · · · · · · · · · · ·	1			

Project Number and Name:

i»¿ - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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ADR 8.2

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

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Client Sample ID : E11-118-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872002 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							App	rove	By /	Date:	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	НT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıç	icv	CCV
Analysis Method : 8081					Diluti	on: 1				,										
Toxaphene	33.0		ug/Kg	U	YES	·					3	ì							1	1
Analysis Method : 8161		• · · · · · · · · · · · · · · · · · · ·			Diluti	on: 1														
2,4,5-T	0.0167		mg/kg	υ	YES								1	J	1	i			l	1
2,4,5-TP (Silvex)	0.0167		mg/kg	υ	YES					1			l	1			[			1
2,4'-D	0.0167	:	mg/kg	U	YES				1	1		1	l						F	
2,4-DB	0.0167	;	mg/kg	U	YES		· · · · ·		1			}		1			1			Ĭ
Dicamba	0.0167	;	mg/kg	U	YES				1	1		1	1	1						-
Analysis Method : 8260E	}				Dilutio	on: 1														
1,1,1,2-Tetrachloroethane	4.58		ug/Kg	U	YES				ŀ		{	1	1	l		l			1	1
1,1,1-Trichtoroethane	4.58		υg/Kg	U	YES		j				]		1	l						ļ
1,1,2,2-Tetrachloroethane	4.58		ug/Kg	U	YES				1			ĺ	l	<u> </u>			l j		l	<u> </u>
1,1,2-Trichloroethane	4.58		ug/Kg	U	YES						1	1	İ	1	<u> </u>				l	[
1,1-Dichloroethane	4.58		ид/Кд	U	YES		I				i.	ĺ					<b>.</b>			1
1,1-Dichloroethene	4.58		ид/Кд	U	YES				1	ŀ							[]		l	l
1,1-Dichloropropene	4.58		ug/Kg	U	YES					1		l	1	l						l
1,2,3-Trichtorobenzene	4.58		ug/Kg	U	YES				l			1	l							
1,2,3-Trichioropropane	4.58		ug/Kg	U	YES		-				{		1	l					l	
1,2,4-Trichlorobenzene	4.58		ug/Kg	U	YES	רט					UJ		1		1					1
1,2,4- i rimetnyibenzene	4.58		ug/Kg	Ų	YE5	}	1				}		[							
1,2-Dibromo-3-chloropropane	27.5		ug/Kg	υ	YES	i							1							
1,2-Dibromoethane	4.58		ug/Kg	U	YES															l
1,2-Dichlorobenzene	4.58	i	ug/Kg	U	YES															l
1,2-Dichloroethane	4.58		ug/Kg	U	YES		1				1									1
1,2-Dichloropropane	4.58		ug/Kg	U	YES										!					1
1,3,5-Trimethylbenzene	4.58		ug/Kg	U	YES	1	1				[		İ							
1,3-Dichlorobenzene	4.58		ug/Kg	U	YES												1			1
1,3-Dichloropropane	4.58	·i	ug/Kg	U	YES								<i></i>		1	,	}			1

Project Number and Name:

- 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/0/2011 08:59

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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

Client Sample ID: E11-118-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872002 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							App	rovec	By /	Date :	:	· · · · · · · · · · · · · · · · · · ·						•••		
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	(CV	CCV
Analysis Method : 8260B					Dilut	ion: 1								***************************************						
1,4-Dichlorobenzene	4.58		ug/Kg	U	YES	1					1	1		<u> </u>			<u> </u>			<u> </u>
2,2-Dichloropropane	4.58		ug/Kg	U	YES				l				1	<u> </u>			ļ	[	1	1
2-Butanone	22.9		ug/Kg	U	YES					1			1				<u> </u>		<u> </u>	I
2-Chlorotoluene	4.58	;	ug/Kg	U	YES					l							ĺ		<u> </u>	<u> </u>
2-Hexanone	11.4	;	ug/Kg	U	YES									ì			ļ	ĺ	J	ļ
4-Chiorotoluene	4.58		ug/Kg	U	YES					1	1									
4-isopropytoluene	4.58		ug/Kg	U	YES									}						
4-Methyl-2-pentanone	11.4		ug/Kg	Ų	YES						į	ì		\			1			
Acetone	6,11		ug/Kg	J	YES					1	į	}					1			1
Benzene	4,58		ug/Kg	ម	YES	;							1				ĺ			
Bromobenzene	4.58		ug/Kg	U	YES					1										l
Bromochloromethane	4.58		ug/Kg	U	YES						Į		1						1	1
Bromodichloromethane	4.58		ug/Kg	U	YES							1	Ì						1	1
Bromoform	4.58		ug/Kg	ប	YES		-					ĺ					1			
Bromomelhane	4.58		ug/Kg	Ų	YES		1						1							1
Carbon disulfide	4.58		ug/Kg	Ų	YES		1			]										1
Carbon tetrachloride	4.58		ug/Kg	U	YES		1						1		!				1	1
Chlorobenzene	4.58		ug/Kg	U	YES						1							.,	1	1
Chloroethane	4.58		ug/Kg	υ	YES						2									i
Chloroform	4.58	;	ug/Kg ¦	υ	YES	:	1				}									ĺ
Chloromethane	4.58		ug/Kg	U	YES	;	1													İ
cis-1,2-Dichloroethene	4.58		ug/Kg	U	YES		1						1							1
cis-1,3-Dichloropropene	4,58	1	ug/Kg	U	YES					l							)		1	1
Dibromochloromethane	4.58	:	ug/Kg	U	YES			١ا		i										1
Dibromomethane	4.58		ug/Kg	U	YES		]					 			1					1
Dichlorodifluoromethane	4.58		ug/Kg	U	YES	Ĭ										I				

Project Number and Name: "»¿ - 11-032E Carroll Agent Orange

Library Used:

Report Date, 9/0/2011 08:59

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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

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Client Sample ID: E11-118-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872002

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Resutt Units	Lab Qual	Rep Res	Overali Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	(CV	CCA
Analysis Method : 8260B		***************************************			Dilutio	on: 1														
Ethyl Benzene	4.58		ug/Kg	υ	YES		-			ŀ	ļ		1	i -					1	1
Hexachlorobutadiene	4.58		ид/Кд	U	YES	ı					 [									1
(sopropylbenzene (Cumene)	4.58		ug/Kg	U	YES	1	ĺ						1						]	1
m,p-Xylens	9.16		ug/Kg	U	YES	1				1										[
Methyl iodide	4.58		ug/Kg	U	YES															
Methylene chloride	1.02		ug/Kg	J	YES								[							1
Naphthalene	4.58		ug/Kg	υ	YES														}	
n-Bulyibenzene	4.58		ug/Kg	υ	YES		l	-												1
n-Propylbenzene	4.58		ug/Kg	υ	YES		1				į	, , , , , ,					)		]	1
o-Xylene	4.58		ug/Kg	U	YES	İ					1								1	
sec-Bulylbenzene	4.58		ug/Kg	U	YES	ļ					(								1	1
Styrene	4.58		ug/Kg	υ	YES	UJ	1			1	UJ					.,,,,,,,			l	
tert-Butyl methyl ether (MTBE)	4.58		ug/Kg	U	YES		1								l .		{			
tert-Butylbenzene	4.58	;	ug/Kg	U	YES	į	1										}			
Tetrachloroethene	4.58		ug/Kg	U	YES	1											)		1	
Toluene	4.58	;	ug/Kg	U	YES	1								,,,,,,,,,,			i		1	j
trans-1,2-Dichloroethene	4.58	;	ug/Kg	U	YES	1													1	j
trans-1,3-Dichtoropropene	4.58		ug/Kg	U	YES														1	j
trans-1,4-Dichloro-2-bulene	22.9	:	ug/Kg	U	YES		1												1	1
Trichloroethene	4.58	•	ug/Kg	U	YES	!	- 1	1												
Trichlorofluoromelhane	4.58		ug/Kg	U	YES	į	-	1	1			1	-				1		1	]
Vinyl chloride	4.58		ug/Kg	U	YES	1	1				1	- 1		:			1			1
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	329	:	ug/Kg	υ	YES	1						]	l		Í		[			
1,2-Dichlorobenzene	329		ug/Kg	U	YES		Ī											,,		
1,3-Dichlorobenzene	329	;	ug/Kg	U	YES		1	1	]	]			!							
1,4-Dichlorobenzene	329		ид/Кд	U	YES		1	ĺ			1		]		1	1				

Project Number and Name:

i»¿ - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/6/2011 08:59 or categories not assessed by automated data review

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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

Client Sample ID: E11-118-S1

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Sample Date: 07/12/2011 Lab Sample ID: 31101872002

										***************************************	***************									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	iC	ICV	CCV
Analysis Method : 8270D					Diluti	on: 1		1144 4F4744 (417417	w											
2,4,5-Trichlorophenol	329		ug/Kg	U	YES				1	[	ļ		l	İ	l		1		1	1
2,4,6-Trichlorophenol	329		ug/Kg	U	YES			ĺ	<u> </u>	1		1	<u> </u>		[,,,,,,,,					[
2,4-Dichlorophenol	329		ug/Kg	υ	YES			ĺ	1	1	]	1	1		1				1	<u> </u>
2,4-Dimethylphenol	329		ug/Kg	U	YES					<u> </u>	<u> </u>		1	<u> </u>	l		]		1	1
2,4-Dinilrotoluene	329		ug/Kg	U	YES				[	ļ	<u> </u>		1				[]		<u> </u>	l
2,6-Dinitrotoluene	329		ug/Kg	U	YES						i	Í	1		[ ]		ļ		J	1
2-Chloronaphthalene	329		ug/Kg	U	YES					1									İ	1
2-Chlorophenol	329		ug/Kg	U	YES									1						1
2-Methylnaphthalene	329	;	ug/Kg	υ	YES				1	1				1					l	1
2-Methylphenol	329		ug/Kg	U	YES					1										
2-Nitroaniline	329		ug/Kg	u	YES							,							<u> </u>	
2-Nitrophenol	329		ug/Kg	U	YES	ı				[							]			1
3 and/or 4-Methylphenol	329		ug/Kg	υ	YES		1												1	1
3-Nitroaniline	329		ug/Kg	U	YES	1	1					1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					1	1
4-Bromophenyi phenyi ether	329		ug/Kg	U	YES	ì					1	}								
4-Chloro-3-methylphenol	329		ug/Kg	U	YES						}	5							[	
4-Chloroaniline	329		ug/Kg	U	YES	I					ĺ		1							1
4-Chlorophenyi phenyi elher	329	ĺ	ug/Kg	υ	YES		ĺ										Į		1	
4-Nitroaniline	329		ug/Kg	U	YES		ĺ										]		1	1
4-Nitrophenol	329		ug/Kg	U ;	YES	1	ı										1			1
Acenaphthene	329		ug/Kg	U	YES	1	ı					}					ì			
Acenaphihylene	329		ug/Kg	U	YES	1	1													1
Anthracene	329		ug/Kg	U ;	YES			1												1
Benzo(a)anthracene	329		ug/Kg	U	YES		1	I	+	[							İ			İ
Benzo(a)pyrene	329		ug/Kg	U	YES		1	I												ļ
Benzo(b)fluoranihene	329		ug/Kg	U	YES								t i		3		1 1		1 1	1

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Project Number and Name: i»¿ - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/8/2011 08:59

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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

Client Sample ID : E11-118-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872002

Reviewed By / Date:

# Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA
Analysis Method : 8270D				.,,	Dilutio	n: 1														
Benzo(g,h,i)perylene	329	i	ug/Kg	U	YES								1	l			,		1	
Benzo(k)fluoranthene	329		ug/Kg	U	YES	1	1		l			[	l						1	
Bis(2-Chloroethoxy)methane	329	;	ug/Kg	U	YES	1	1						l						1	1
Bis(2-Chloroethyl)ether	329		ug/Kg	U	YES		1				1		l						].	1
Bis(2-Chloroisopropyl)ether	329		ug/Kg	U	YES		j			Ì	1		1	1					]	1
Bis(2-Ethylhexyl)phthalate	329		ug/Kg	U	YES		1						1						1	l
Bufyl benzyl phihalale	329		ug/Kg	U	YES		1	-			[		ĺ	-	]				1	
Chrysene	329		ug/Kg	U	YES		1				i						,			
Dibenz(a,h)anthracene	329		ug/Kg	Ų	YES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						i	1							
Dibenzofuran	329		ug/Kg	υ	YES		1						l		i				1	
Diethyl phthalate	329		ug/Kg	υ	YES		Ī				}									1
Dimethyl phthalate	329		ug/Kg	U	YES	-									!					1
Di-n-butyl phthaiste	329		ug/Kg	U	YES			ı							Í		į			
Di-n-octyl phthalale	329		ug/Kg	U	YES	บง	1			មJ					1		}			
Fluoranthene	329		ug/Kg	U	YES										li					
Fluorene	329		ug/Kg	U	YES	1			Ì						l i					
Hexachlorobenzene	329		ug/Kg	U	YES	1											i			
Hexachlorobutadiene	329	1	ug/Kg	U	YES	i	1	1												
Hexachtorocyclopentagiene	329		ug/Kg	U	YES		1	1							1		}			
Hexachloroethane	329	-	ug/Kg	U	YES		I	1				1			1		ĺ			
Indeno(1,2,3-cd)pyrene	329	1	ug/Kg	U	YES		1			į									l	
fsophorone	329		ug/Kg	U	YES	1	1		١											
Naphthalene	329	Ĭ	ug/Kg	U	YES	ì		1				I	1				<u> </u>		L	
Nitrobenzene	329		ug/Kg	V	YES		1	1			)					]				
n-Nitrosodi-n-propylamine	329		ug/Kg	U	YES		1	1	J		ļ		}						I	
Pentachlorophenol	329		ug/Kg	U	YES		I	1	1								-		"	

Project Number and Name: 1"2 - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:69

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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

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Client Sample ID : E11-118-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date : 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872002

Reviewed By / Date:

# Approved By / Date :

Analyte Name Analysis Method : 8270D	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res Diluti	Overall Qual* on: 1	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Fletd QC	Tune	IC	icv	CV/
Phenanthrene	329	ı.	ug/Kg	U	YES	1	1						f							
Phenol	329		ug/Kg	U	YES		í							[						
Pyrene	329		ug/Kg	U	YES					1					1					

Project Number and Name:

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Library Used: Report Date: 9/6/2011 08:59 CampCarroll

ADR 8.2

\* 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

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Client Sample ID : E11-118-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: DL

Sample Matrix: SO

Lab Sample ID: 31101872003

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*		нт	мв	LCS	MS	Lab Đưp	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8081					Dilutio	n: 500	0													
4,4'-DDD	10700		ug/Kg	j	YES	J	1				J		1	i	1				1	
4,4'-DDD	10700		ug/Kg	J	YES	J					J		l		l i					1
4,4'-DDE	50400		ug/Kg	U	YES								1		1					İ
4,4'-DDE	50400		ug/Kg	U	YES								l							j
4,4'-DDT	2990		ug/Kg	JΡ	YES	J					J		ĺ		1 }					l
4,4'-DDT	2990	,	ug/Kg	JP	YES	و					J		ĺ				İ			l
Aldrin	50400		ug/Kg	U	YES										1					
Aldrin	50400		ug/Kg	U	YES															
alpha-BHC	4880		ug/Kg	J	YES	J					J				1					
alpha-BHC	4880		ug/Kg	J	YES	J					J						1			
alpha-Chlordane	50400		ug/Kg	U	YES	R		· · · · · · · i			R						1			l
alpha-Chlordane	50400		ug/Kg	U	YES	R					R									
bela-BHC	50400		ug/Kg	ย	YES															
beta-8HC	50400		ug/Kg	U	YES			1							l		1			
Chlordane	168000		ug/Kg	U	YES												;			
Chlordane	168000		ug/Kg	υ	YES		[										i			1
delta-BHC	5360		ug/Kg	J	YES		İ								1	ı	1			1
della-BHC	5360		ug/Kg	J	YES		1	]	1								1			
Dieldnn	50400		ug/Kg	U	YES .			1			1		1							i
Dieldrin	50400		ug/Kg	υ	YES	1	1	1	1		1		\$				1			
Endosulfan I	50400	;	ид/Кд	U	YES		1	I	1				1				į			1
Endosulfan I	50400	}	ug/Kg	ប	YES	(	1	1		ļ	1				1	1	1			1
Endosulfan II	50400		ug/Kg	U	YES :	I	1	-	1	1			j		į.	I	1			1
Endosulfan II	50400		ug/Kg	U	YES		1	1	1		l					1				į
Endosulfan sulfate	50400	:	ug/Kg	U	YES		1	1	I	J	ا					1				
Endosulfan sulfale	50400		ug/Kg	U	YES			1		 I	1		1				1			}

Project Number and Name:

ن د ۱۱-032년 Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:50

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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

Client Sample ID : E11-118-S2

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/12/2011 Lab Sample ID: 31101872003 Analysis Type: DL

Sample Matrix: SO

Reviewed By / Date :

#### Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/DIs		Tune	fC	icv	CCV CCV
Analysis Method : 8081		·			Dilutio	n: 5000	)													
Endrin	50400		ug/Kg	U	YES		l		1	1					1		[			
Endrin	50400		ug/Kg	U	YES	i			l				l		1					
Endrin aldehyde	50400		ug/Kg	Ų	YES				f		l	1	:		!					
Endrin aldehyde	50400		ug/Kg	U	YES		1					i								
Endrin kelone	50400		ид/Кд	υ	YES															
Endrin ketone	50400		ug/Kg	U	YES															
gamma-BHC (Lindane)	163000		ug/Kg		YES	J	.,,,,,,,,,,,				J								[	1
gamma-BHC (Lindane)	163000		ug/Kg		YES	J					J	!								
gamma-Chlordane	50400		ug/Kg	U	YES		1					}								1
gamma-Chlordane	50400	[	ug/Kg	υ	YES							ļ								1
Heptachlor	50400		ug/Kg	U	YES															1
Heptachlor	50400		ug/Kg	U	YES												· · · · · · ·			1
Heptachlor epoxide	50400		ug/Kg	U	YES										1					1
Heptachlor epoxide	50400		ug/Kg	U	YES					i					Ì	i				 [
Methoxychior	50400		ug/Kg	U	YES :					<u> </u>				I		I	1			
Melhoxychior	50400		ug/Kg	υ	YES	1	i										}			
Toxaphene	168000		ug/Kg	U	YES		1		····				}				}			
Toxaphene	168000		ug/Kg	U	YES								i	í	1		·····			
Analysis Method : 8260B					Dilutio	n: 500														
1,1,1,2-Tetrachloroethane	451		110/K0	0	YFS :	1	1		-	ì	- 1				- 1		-			
1,1,1-Trichloroethane	451		ug/Kg	U	YES			Ì		······	1					1	1			
1,1,2,2-Telrachioroelhane	451		ug/Kg	U	YES			1	1					]		1				
1,1,2-Trichloroethane	451	*	ug/Kg	U	YES		]	ĺ	<u>.</u>	i	i			· · · · · · · · · · · · · · · · · · ·	1	i				
1,1-Dichloroethane	451		ug/Kg	U	YES :		1		· · · · · · · · · · · · · · · · · · ·		i	1	j	1		l	1	1		
I,1-Dichloroethene	451		ug/Kg	U	YES			ì		1		Ì	1	i	i	<u>`</u>	i			
1,1-Dichloropropene	451		ug/Kg	U	YES			1	<u>.</u>			 			i- 	i		i	i	(
1,2,3-Trichiorobenzene	280	·····	ug/Kg	J	YES		i	·····						i	i	······ì		i	i	

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<sup>\*</sup> 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

Client Sample ID: E11-118-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: DL

Sample Matrix : SO

Lab Sample ID: 31101872003

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Тетр	нт	мв	LCS	MS	Łab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	łC	ICV	CCV
Analysis Method : 8260B					Dilutio	on: 500														
1,2,3-Trichloropropane	451		ug/Kg	Ų	YES		1			1			1	[					1	
1,2,4-Trichlorobenzene	921	:	ug/Kg		YES							ì	1		l					
1,2,4-Trimethylbenzene	1390		ug/Kg		YES				1				l						]	l
1,2-Dibromo-3-chloropropane	2260		ug/Kg	U	YES				1										[	
1,2-Dibromoethane	451		ug/Kg	U	YES									1	1				1	ļ
1,2-Dichlorobenzene	451		ug/Kg	U	YES		[								}					1
1,2-Dichloroethane	451	;	ug/Kg	U	YES		l													1
1,2-Dichloropropane	451		ug/Kg	Ų	YES															
1,3,5-Trimethylbenzene	736		ug/Kg	,	YES		1													
1,3-Dichlorobenzene	451		ug/Kg	ย	YES		i i	,							1					
1,3-Dichloropropane	451		ug/Kg	U	YES				1						1 1					
1,4-Dichlorobenzene	85.7		ug/Kg	J	YES		1								l l					'
2,2-Dichloropropane	451		ug/Kg	U	YES						1									1
2-Butanone	11300		ug/Kg	V	YES	, , , , , , , , , , , , , , , , , , , ,									l		1			
2-Chlorotoiuene	451		ug/Kg	U	YES												i			
2-Hexanone	2260		ug/Kg	υ	YES										1	1	1			
4-Chlorololuene	451		ug/Kg	υ	YES										1	1	i			
4-Isopropylloluene	433		ug/Kg	J	YES		1				1				1000		1			[ ]
4-Methyl-2-pentanone	2260	,	ug/Kg	U	YES		1				}		í							
Acetone	11300	:	ид/Кд	U ;	YES		1								İ					
Benzene	451	,	ид/Кд	ย	YES		1	1												
Bromobenzene	451		ug/Kg	U	YES					}	I						1			]
Bromochloromethane	451	1	ug/Kg	U	YES		1				i i					1	1			
Bromodichloromethane	451	·	ug/Kg	U	YES	!	1			· · · · · · · · · · · · · · · · · · ·	1						1			
Bromoform	451		ug/Kg	U	YES		1				1					ı	1			
Bromomelhane	451		ug/Kg	U	YES		1		I	1						1	I			

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Report Date: 9/6/2011 08:59 \* 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 Page 141 of 233

Client Sample ID: E11-118-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872003 Analysis Type: DL

Sample Matrix: SO

Reviewed By / Date :							App	rovec	i By /	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	ıc	ICV	CCV
Analysis Method : 8260B	*				Diluti	on: 500					• • • • • • • • • • • • • • • • • • • •									
Carbon disulfide	451		ug/Kg	Ų	YES	1				1	1			Ì			l			1
Carbon tetrachloride	451		ug/Kg	Ų	YES						ì		1				1			
Chlorobenzene	451		ug/Kg	Ų	YES				i	1	}			1			1			1
Chioroethane	451	;	ug/Kg	U	YES										l .				]	
Chloroform	451		ug/Kg	U	YES							ļ							1	1
Chloromethane	451		ug/Kg	U	YES				[											1
cis-1,2-Dichloroethene	451		ug/Kg	U	YES					1									1	1
cis-1,3-Dichlaropropene	451		ug/Kg	Ų	YES					1	]	}								1
Dibromochloromelhane	451		ug/Kg	U	YES					l	Į				i					1
Dibromomethane	451		ug/Kg	Ŭ	YES						1								ì	ĺ
Dichlorodifluoromethane	2260		ug/Kg	U	YES				1											
Ethyl Benzene	45.1		ug/Kg	J	YES	; 1	1			1		]		Ì	l					
Hexachlorobuladiene	451		ug/Kg	U	YES		l				1									1
isopropylbenzene (Cumene)	451		ug/Kg	U	YES	i I					}				[		}		1	
m,p-Xylene	988		ug/Kg		YES								1							
Methyl lodide	451		ug/Kg	υ	YES					[			1		1		,			
Methylene chloride	2260		ug/Kg	U	YES	; }	1					Į		1					1	
Naphthalene	7660		ug/Kg		YES		1			ĺ		}			1 4				1	l
n-Butylbenzene	451	;	ug/Kg	U	YES					:	!				l i					1
n-Propylbenzene	451		ug/Kg	U	YES	1	1				ļ		1		l i	.,,			1	1
o-Xylene	695		ug/Kg		YES	1	1								ĺ	.,,,,,,,,	}			1
sec-Butylbenzene	451	;	ug/Kg	U	YES	1					l				l		,		1	1
Styrene	451		ug/Kg	U	YES		1													1
ert-Butyl methyl ether (MTBE)	451		ид/Кд	υ	YES			1												<u> </u>
ert-Bulylbenzene	451	;	ug/Kg	U	YES		1				1									
retrachioroethene	1060		ug/Kg		YES	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·												]	1

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Client Sample ID: E11-118-S2

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872003 Analysis Type: DL

Sample Matrix: SO

Reviewed By / Date :							App	rove	i By /	Date :										
Analyte Name	Result	Uncertainty / Error	Resuit Units	Lab Qual	Rep Res	Overall Quai*	Temp	нт	мв	LCS	мs	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	ıc	icv	CV/
Analysis Method : 8260B					Diluti	on: 500				······································			••••							
Toluene	451		ug/Kg	U	YES			1						1	1				1	
trans-1,2-Dichloroethene	451		ug/Kg	U	YES			i				ļ	1			1		<del>-</del> -	1	1
trans-1,3-Dichloropropene	451		ug/Kg	Ų	YES			i			1	}			1				1	1
trans-1,4-Dichloro-2-butene	2260		ug/Kg	U	YES	i i		1	1	 	······	 			1					Ī
Trichloraelhene	451		ug/Kg	Ų	YES			i	1	 I			1		1					I
Trichlorofluoromethane	451		ug/Kg	U	YES			i	}	1					i					Ī
Vinyl chloride	451		ug/Kg	U	YES			i	i I	[	 						1		i	1

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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

Client Sample ID: E11-118-S2

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872003 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							-  -		,	Date:										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нτ	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	iC	ICV	CCV
Analysis Method : 6010C	.,				Dilutio	n: 1														
Arsenic	6.32	:	mg/kg		YES		1		1		[				1	1	1		1	1
Barium	95.4		mg/kg		YES				I	1	1									
Cadmium	0.907		mg/kg		YES										1		1			1
Chromium	6.73		mg/kg		YES	J					1	J			l i	i				
Lead	16,1		mg/kg		YES	j			1		į	į J		İ	[				-	1
Selenium	1.89		mg/kg	Ų	YES				1			(			j i	i	[		1	1
Silver	0.947		mg/kg	υ	YES				1		[			[	Ì				1	1
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0.00359		mg/kg	J	YES		I						1				1		1	
Analysis Method : 8151					Dilutlo	n:1														
2,4,5-T	0.0173		mg/kg	U	YES		]				1	ì					ļ		<u>.</u>	1
2,4,5-T	0.0173		mg/kg	U	YES		1		1		ļ			İ			[]		]	J
2,4,5-TP (Silvex)	0.0173		mg/kg	U	YES					1			1		1 1				1	1
2,4,5-TP (Silvex)	0.0173		mg/kg	U	YES :	{						1	1		l			,	1	1
2,4'-D	0.0173		mg/kg	U	YES					]	1				<u> </u>				<u> </u>	1
2,4'-D	0.0173		mg/kg	υ	YES		-				1								1	1
2.4-D8	0.0173		mg/kg	Ü	YES						ì									1
2,4-DB	0.0173		mg/kg	U	YES		1	,							İ		1		[	1
Dicamba	0.0173	i	mg/kg	U	YES	1				1										1
Dicamba	0.0173		mg/kg	υ	YES		1								1	,				1
Analysis Method : 8270D					Dilutio	n: 1						• • • • • • • • • • • • • • • • • • • •								
1,2,4-Trichiorobenzene	301		ug/Kg	J	YES	Ţ,					****				1 . [				1	Ī
1,2-Dichlorobenzene	335		ид/Кд	U	YES		1				[									1
1,3-Dichlorobenzene	335		ug/Kg	U	YES	ļ	1			1										1
1,4-Dichlorobenzene	157	;	ug/Kg	J	YES :	}	1			1							[ :			1
2,4,5-Trichlorophenol	335		ug/Kg	ប	YES										1					
2,4,6-Trichtorophenol	335	i i	ug/Kg	u i	YES		i			1	i :		l i		1		ĺ	1		

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Report Date: 9/8/2011 08:59

<sup>\*</sup> 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

Client Sample ID: E11-118-S2

Lab Report Batch: 31101872

Sample Date: 07/12/2011

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872003

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overalf Qual*	Temp	HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 8270D					Diluti	on: 1		,												
2,4-Dichlorophenol	335		ug/Kg	U	YES				l	[				į			l		<u> </u>	<u> </u>
2,4-Dimethylphenol	335		ug/Kg	U	YES	:				1	1		1						<u> </u>	
2,4-Dinitrotoluene	335		ug/Kg	U	YES					1									<u></u>	ļ.,,
2,6-Dinitrotoluene	335		ug/Kg	U	YES								l						ļ	1
2-Chloronaphthalene	335		ug/Kg	U	YES		- 1								1				<u> </u>	1
2-Chlorophenot	335		ug/Kg	U	YES		1								l		l		1	1
2-Methylnaphthalene	2140		ид/Кд		YES								[				[]		l	1
2-Melhylphenol	335		ug/Kg	U	YES						i		[		1		[		<u> </u>	<u> </u>
2-Nitroaniline	335		ug/Kg	U	YES												[]		<u> </u>	<u> </u>
2-Nitrophenol	335		ид/Кд	U	YES												<u> </u>		<u> </u>	<u> </u>
3 and/or 4-Methylphenol	335	1	ug/Kg	U	YES	l	- 1						<u> </u>		ļi					<u> </u>
3-Nitroaniline	335		ug/Kg	U	YES								<u>.</u>				<u> </u>			
4-Bromophenyi phenyi ether	335		ug/Kg	υ	YES										<u> </u>		<u> </u>			<u> </u>
4-Chloro-3-methylphenol	335		ug/Kg	υ	YES														l	1
4-Chloroaniline	335		ug/Kg	U	YES								Ì							<u> </u>
4-Chlorophenyl phenyl elher	335	<u> </u>	ug/Kg	U	YES														l.,	1
4-Nitroaniline	335		ug/Kg	U	YES					lj							1			<u> </u>
4-Nitrophenol	335	i i	ug/Kg	U	YES	1														l
Acenaphlhene	335	: :	ug/Kg	U	YES	1	1			l i		1	l						<u> </u>	
Acenaphilhylene	335	ļ į	ug/Kg	υ	YES	1		1		Į			1							<u> </u>
Anlhracene	335	[	ug/Kg	υ	YES		1									l	- 1			ł
Benzo(a)anthracene	335		ug/Kg	U	YES										<b>.</b>				l	i
Benzo(a)pyrene	335	1	ug/Kg	U	YES														l	İ
Benzo(b)fluoranihene	335		ug/Kg	U	YES		Ì			İ		.,					1		l	i
Benzo(g,h,i)perylene	335		ид/Кд	U	YES	1											1			ļ
Benzo(k)fluoranthene	335		ug/Kg	U	YES	1		1	1	1		1								

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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

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Report Date: 9/6/2011 08:59

Client Sample ID: E11-118-S2

Lab Report Batch: 31101872

Sample Date: 07/12/2011 Lab Sample ID: 31101872003 Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date :							Арр	roved	By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual	Temp	нт	мв	LCS	мs	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CC/
Analysis Method : 8270D					Dilutio	on: 1										•••				
Bis(2-Chloroethoxy)methane	335		ug/Kg	U	YES		:		ŀ		Ī		1				1			1
Bis(2-Chloroethyl)elher	335		ug/Kg	U	YES	}								ļ			l			1
Bis(2-Chloroisopropyt)ether	335		ug/Kg	U	YES	;			1								İ		]	ļ
Bis(2-Ethylhexyl)phthalate	335		ug/Kg	U	YES												1		1	
Butyl benzyl phihalale	335		ug/Kg	U	YES						}	ì	[				1			
Chrysene	335		ug/Kg	U	YES						•	1								
Dibenz(a,h)anthracene	335		ug/Kg	U	YES						1	ì	1				F		1	
Dibenzofuran	335		ug/Kg	Ü	YES					1	i		1							
Diethyl phthalate	335		ug/Kg	U	YES					l			1		1				1	
Dimethyl phthalate	335	:	ug/Kg	U	YES															1
Di-n-butyl phihalate	335		ug/Kg	U	YES							i								
Di-n-octyl phthalate	335		ug/Kg	U	YES	IJ				เม	1	1								
Fluoranthene	335		ug/Kg	U	YES			********				[	1							
Fluorene	335		ug/Kg	U	YES										1					
Hexachlorobenzene	335		ug/Kg	υ	YES														l	1
Hexachlorobutadiene	335		ug/Kg	υ	YES	1	1													1
Hexachtorocyclopentadiene	335	}	ug/Kg	U	YES	1	1				1									
Hexachloroethane	335		ug/Kg	U	YES	i	1					}	1							1
indeno(1,2,3-cd)pyrene	335		ug/Kg	U	YES		1					}	1							1
Isophorone	335		ug/Kg	U	YES		1													
Naphthalene	281		ug/Kg	J	YES		ĺ	1												l
Nitrobenzene	335		ug/Kg	U	YES	1	1							1						
n-Nitrosodi-n-propylamine	335		ид/Кд	U	YES	1			,											1
Pentachlorophenol	335		ug/Kg	U	YES	1	1													1
Phenanthrene	335		ug/Kg	U	YES			<u> </u>					i i							1
Phenol	335		ug/Kg	U	YES	i	· · · · · · i	1									}			

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Report Date: 9/6/2011 08:59

<sup>\*</sup> 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

Client Sample ID: E11-118-S2

Lab Report Batch: 31101872

Sample Date: 07/12/2011

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Lab Sample ID: 31101872003

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	HT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CC/ CC/
Analysis Method : 8270D					Diluti	оп: 1														
Pyrene	33	5	ug/Kg	U	YES	:										-,-,-,-,-,			1	

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Library Used:

CampCarroll

Report Date: 9/6/2011 08:59 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 Page 147 of 233

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Client Sample ID: E11-118-S3

Sample Date: 07/12/2011 Lab Sample ID: 31101872004 Lab Report Batch: 31101872

Analysis Type: DL

Lab ID: SGSW

Sample Matrix: SO

Analyte Name Analysis Method : 8081 4,4'-DDD 4,4'-DDD	Result 147	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall				***************************************										
4,4'-DDD 4,4'-DDD	147					Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToVDis	Field QC	Tune	IC	ICV	CCA CA1
4.4'-DDD	147				Diluti	on: 50							# au # 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 15 au 1		· // 1					
4,4'-DDD			ug/Kg	J	YES	J		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	1	J	Ī	ļ						1	ī
			ug/Kg	J	YES	J			1		J			İ						
4,4'-DDE	538		ug/Kg	U	YES	-							1	1					1	1
4,4'-DDE	538		ug/Kg	ប	YES							;		1					]	1
4,4'-DDT	64.3		ug/Kg	j	YES	J					J	1	1							1
4,4'-DDT	64.3		ug/Kg	j	YES	j					J		1							<u> </u>
Aldrin	538		ug/Kg	U	YES						į				j j					1
Aldrin	538		ug/Kg	U	YES								ļ		l i					1
alpha-BHC	52.1		ug/Kg	J	YES	J					j									Ī
aipha-BHC	52.1	;	ug/Kg	J	YES	J					J		1							İ
alpha-Chlordane	538		ug/Kg	U	YES	R	J				R								1	1
alpha-Chlordane	538		ug/Kg	Ų	YES	R					R								!	
peta-BHC	538		ug/Kg	U	YES		1								}		}		1	1
eta-BHC	538		ug/Kg	U	YES					ĺ							ĺ		1	
Chlordane	1790		ug/Kg	U	YES														1	1
Chlordane	1790		ug/Kg	U	YES															1
felta-BHC	59.2	)	ug/Kg	J	YES	l	İ												1	1
felta-BHC	59.2		ug/Kg	J	YES		1	- 1								1				
Dieldrin	538		ug/Kg	U	YES	Į	1	l							,	]	1		l	l
Dieldrin	538		ug/Kg	U	YES	į	1										(			ļ
endosulfan i	538		ug/Kg	U	YES			1				ا	1		1					1
ndosulfan I	538	į	ug/Kg	v	YES		1	1			,								l	l
ndosulfan II	538	ĺ	ug/Kg	U	YES	1		1							<u> </u>		<u> </u>			<u> </u>
ndosulfan li	538	;	ug/Kg	U	YES	1	Ī	I							1					l
ndosulfan sulfate	538	;	ug/Kg	U	YES	1	ı	I					Į		-	I	I			ł
ndosulfan sulfate	538		ид/Кд	U ;	YES			1	1			J		1	}	1	1			

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<sup>\*</sup> 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

Client Sample ID: E11-118-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872004 Analysis Type: DL

Sample Matrix: SO

Reviewed By / Date :							App	rove	By/	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis	Field QC	Tune	IC	ICV	CCV
Analysis Method : 8081					Diluti	on: 50														
Endrin	538	:	ug/Kg	U	YES				1		!				1 :				1	
Endrin	538		ug/Kg	U	YES	}		]	l	1	1	}							Ī	
Endrin aldehyde	538		ug/Kg	U	YES	-			·	 	1	1			1				1	
Endrin aldehyde	538		ug/Kg	U	YES	: 1		i	1	 		į		 	1			į	1	1
Endrin kelone	538		ug/Kg	ម	YES				1					1	1			·······		1
Endrin kelone	538		ug/Kg	U	YES													· · · · · · · · · · · · · · · · · · ·		Ī
gamma-BHC (Lindane)	935		ug/Kg		YES	J				1	Į J				Ì .					j
gamma-BHC (Lindane)	935		иg/Kg		YES	J			l	1	J	1			[			<u> </u>	1	
gamma-Chlordane	538		ug/Kg	U	YES		1			1				ļ			i		1	1
gamma-Chlordane	538		ug/Kg	U	YES		1			]	i	1				.,,,,,,,			1	
Heptachlor	538		ug/Kg	U	YES				1	i			1		i i		]	]	1	Ī
Heptachlor	538		ug/Kg	U	YES	: · · ·	····		1		!	 					1	{	1	1
Heptachlor epoxide	538		ug/Kg	υ	YES		1			]	 	 ]			[		[			
Heptachlor epoxide	538		ug/Kg	บ	YES		i						1						1	1
Methoxychior	538		ug/Kg	U	YES	i i	· · · · · · · · · · · · · · · · · · ·						1							1
Methoxychior	538		ug/Kg	U	YES	<u> </u>						 	1					}		1
Toxaphene	1790		ug/Kg	U	YES	. 1	·····i						1		1		ĺ	}	l	1
Toxaphene	1790		uo/Kg	U	YES	: 1				 I	1	{	1		1 1		1	}	1	ĺ

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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

Client Sample ID: E11-118-S3

Lab Report Batch: 31101872

Sample Date: 07/12/2011 Lab Sample ID: 31101872004 Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date :							whh	ovec	ı Oy i	Date										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	1C	(CV	CCV
Analysis Method : 6010C					Dilutio	on: 1														
Arsenic	4.20		mg/kg		YES		1				}		1	1					1	
Arsenic	4.20	,	mg/kg		YES				[					 						1
Barium	78.1		mg/kg		YES		1		1				1		1		[ ]			l
Barium	78.1		mg/kg		YES								1	Ī						Ī.
Cadmium	0.584	;	mg/kg		YES	· · · · · · · · · · · · · · · · · · ·					1	[	1		1					1
Cadmium	0.584		mg/kg		YES	ì	1				1	1	1	i	1					Ì
Chromium	8.45		mg/kg		YES	J			}			J				*******			 	[
Chromium	8.45		mg/kg		YES	J	· · · · · · · i			l		J		<u> </u>					1	
Lead	9.44		mg/kg		YES	J	· · · · · · · · · · · · · · · · · · ·		1	l		J		ì	] ,		i i		1	1
Lead	9.44	;	mg/kg		YES	J						J			1					
Selenium	2.17		mg/kg	U	YES		1			1	}	1	1		i i		}		[	l
Selenium	2.17		mg/kg	U	YES		1			1					1 1					
Silver	1.08		mg/kg	U	YES	į	· · · · · · · · · · · · · · · · · · ·			1			1		1					1
Silver	1.08		mg/kg	U	YES :	}									1					
Analysis Method : 74718					Dilutio	n: 1											••••••			
Mercury	0.00986		mg/kg	J	YES :						1						}			
Analysis Method : 8151					Dilutio	ก: 1												,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
2,4,5-T	0.0176		mg/kg	υ	YES	1	1				i									
2,4,5-11 (Silvex)	0.0176		тд/кд	U	YES						į į		F 1		1					1
2,4'-D	0.0176	!	mg/kg	U	YES		1	1							1					1
2,4-DB	0.0176	i	mg/kg	υ	YES		l										,			1
Dicamba	0.0176	;	mg/kg	U ;	YES }		1	-					]		l i		Ì			i
Analysis Method : 8260B					Dilutio	ก: 1														
1,1,1,2-Tetrachloroethane	4,17	i	ug/Kg	U	YES :	}	1												l	1
1,1,1-Trichloroethane	4.17	ì	ug/Kg	U	YES	1	1								1					1
1,1,2,2-Tetrachloroethane	4.17	}	ug/Kg	U	YES		1	1							ì					
1,1,2-Trichloroelhane	4.17		ug/Kg	υ	YES		1	1					l	i			)			

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<sup>^</sup> 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

Client Sample ID : E11-118-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872004 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ic	icv	CCA
Analysis Method : 8260B	***************************************		***************************************		Diluti	on: 1			***************************************	***************************************	· · · · · · · · · · · · · · · · · · ·	k		***************************************						
1,1-Dichloroethane	4.17	· [	ид/Кд	U	YES	:			1	1		ļ			1 1		1 1			1
1,1-Dichloroethene	4.17	'	ug/Kg	U	YES				1	1	]		1		l					1
1,1-Dichloropropene	4.17		ug/Kg	U	YES				1	1					1				1	1
1,2,3-Trichforobenzene	4.17	'i	ug/Kg	Ų	YES	:			[										1	
1,2,3-Trichloropropane	4.17	;	ug/Kg	U	YES								[		1					
1,2,4-Trichlorobenzene	4.50	i	ug/Kg		YES							i					1		1	
1,2,4-Trimelhylbenzene	4.17	1	ug/Kg	U	YES		i		1											[
1,2-Dibromo-3-chloropropane	25.0		ug/Kg	U	YES						 									
1,2-Dibromoethane	4.17		ug/Kg	U	YES	:									1					1
1,2-Dichlorobenzene	4.17		ug/Kg	υ	YES		i								i					1
1,2-Dichloroethane	4.17		ug/Kg	U	YES		1								i i					ĺ
1,2-Dichloropropane	4.17		ug/Kg	U	YES		i I		]						1				1	
1,3,5-Trimethylbenzene	2.40	;	ug/Kg	J	YES														l	
1,3-Dichlorobenzene	4.17		ug/Kg	U	YES		i i				(			***						
1,3-Dichloropropane	4,17		ug/Kg	U	YES		1			[							)			
1,4-Dichlorobenzene	2.56	i	ug/Kg	J	YES		1													
2,2-Dichloropropane	4.17	]	ug/Kg	U	YES					1										
2-Butanone	22.8		ug/Kg		YES	j	1				J									
2-Chlorotoluene	4.1/	1	ug/Kg	U	YES															
2-Hexanone	2.91		ug/Kg	J	YES	J					J									1
4-Chlorotoluene	4.17	! !	ug/Kg	U	YES	.,														1
4-Isopropylloluene	4.17		ug/Kg	U	YES												i			1
4-Methyl-2-pentanone	10.4		ug/Kg	U	YES								<u> </u>	.,,,,,,,,			1			
Acetone	118		ug/Kg		YES															l
Benzene	117	i i	ug/Kg		YES						 ĵ									
Bromobenzene	4.17		ug/Kg	U	YES		1			l I	I		1	i i			i		I	1

Project Number and Name:

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Library Used: CampCarroll Report Date: 9/0/2011 08.59

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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

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Client Sample ID: E11-118-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872004 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							App	roved	By /	Date:	:									
Analyte Name	Result	Uncertainty I Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	мв	LCS	MS	Łab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ICV	CV/
Analysis Method : 8260B					Diluti	on: 1														
Bromochloromelhane	4.17		ug/Kg	U	YES			-		l			Ï	1	1		1	ļ	1	1
Bromodichloromethane	4.17		ug/Kg	U	YES	:							1					1	]	1
Bromolom	4.17		ug/Kg	U	YES					1		1	1				1	•		1
Bromomethane	4.17		ug/Kg	U	YES							}								
Carbon disulfide	4.17		ug/Kg	U	YES															1
Carbon letrachloride	4.17		ug/Kg	U	YES									}					1	[
Chlorobenzene	8.36		ug/Kg		YES									Ì	] [					
Chloroelhane	4.17	;	ug/Kg	U	YES										1					
Chloroform	4.17		ug/Kg	U	YES		1					!					i			
Chloromethane	4.17	;	ug/Kg	U	YES		1				]	į					[		l	
cis-1,2-Dichloroethene	4.17		ug/Kg	υ	YES		1				1	}					1			1
cis-1,3-Dichloropropene	4.17		ug/Kg	U	YES	,	1				i								1	
Dibromochforomelhane	4.17	:	ug/Kg	υ	YES	ı					]					,.				1
Dibromomethane	4.17		ug/Kg	υ	YES						1	ì								İ.
Dichlorodifluoromethane	4.17		ug/Kg	ម	YES															
Ethyl Benzene	4.17		ug/Kg	ប	YES															
Hexachlorobuladiene	4.17		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.17		ug/Kg	U	YES		1								1					1
m,p-Xylene	3.33	!	ug/Kg	J	YES	1	1		i		1				1 1					1
Methyl iodide	3.46		ug/Kg	J	YES			1							<b>l</b> (					1
Melhylene chloride	0,867	i	ug/Kg	J	YES		1	1												l
Naphthalene	8.51	į	ug/Kg	į	YES		ı	J												1
n-Bulyfbenzene	4.17	Ì	ug/Kg	U	YES			- 1											Ļ	[
n-Propylbenzene	4.17		ug/Kg	U	YES	1	1	<u> </u>												1
o-Xylene	3.54		ug/Kg	J	YES			1												1
sec-Butylbenzene	4.17		ug/Kg	U	YES	1		1							1					

Project Number and Name: i»¿ - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:59 \* 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 Page 152 of 233

Client Sample ID: E11-118-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872004

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis	Field QC	Tune	IC	icv	CCA
Analysis Method : 8260B					Dilutio	on: 1						······································					• • • • • • • • • • • • • • • • • • • •			
Styrene	4.17		ug/Kg	U	YES	UJ				1	UJ			1			1		1	Ī
tert-Butyl methyl ether (MTBE)	4.17		ug/Kg	Ų	YES								1	 	1				]	
terl-Bulylbenzene	4.17	;	ug/Kg	Ų	YES		1						1						1	
Telrachloroethene	14.3	;	ug/Kg		YES		1					1					1			
Toluene	4.17		ug/Kg	U	YES									1	[ ]		1			1
trans-1,2-Dichloroethene	4.17	;	ug/Kg	U	YES												1			1
trans-1,3-Dichloropropene	4.17		ug/Kg	U	YES		i 1							1			1			l
trans-1,4-Dichloro-2-butene	20,8		ug/Kg	υ	YES		1						İ		1					
Trichloroethene	4.17		ug/Kg	U	YEŞ		1							1	1		l			
Trichlorofluoromethane	4.17		ug/Kg	U	YES							·····			1					
Vinyl chloride	4.17		ug/Kg	U	YES							}								
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	369	;	ug/Kg	U	YES		1						1	Í			l		1	1
1,2-Dichlorobenzene	369		ug/Kg	U	YES			1					1		1		I			İ
1,3-Dichlorobenzene	369		ug/Kg	U	YES		1								l í		1			
1,4-Dichlorobenzene	369		ug/Kg	U	YES			ĺ					1	l			1			
2,4,5-Trichlorophenol	369		ug/Kg	Ų	YES					j			:	]			1			
2,4,6-Trichlorophenal	369		ug/Kg	U	YES								1				l (			j
2,4-Dichlorophenol	369	;	ug/Kg	U	YES		1	1					1							
2,4-Dimethylphenol	369		ug/Kg	U	YES		- 1	1							1 1					
2,4-Dinitrotoluene	369	i	ug/Kg	υ	YES			I		)						<u>.</u>	<u> </u>			
2,6-Dinitrotoluene	369		ug/Kg	υ	YES			l	]	ſ					<u> </u>		1			
2-Chloronaphthalene	369		ug/Kg	U	YES			İ		]					1	1				
2-Chiorophenol	369		ид/Кд	U	YES :		1		1							- 1	1			
2-Methylnaphthalene	369		ug/Kg	U	YES			1	Ī	1										
2-Methylphenol	369		ug/Kg	U	YES											1				
2-Nitroaniline	369		ug/Kg	U	YES		1	I	1							I				

Project Number and Name:

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Report Date: 9/0/2011 08:59

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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

Client Sample ID: E11-118-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872004 Reviewed By / Date :

Reviewed By / Date :				*****			App	rovec	By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	fC	icv	CV/
Analysis Method : 8270D					Difuti	on: 1														
2-Nitrophenol	369		ug/Kg	U	YES	:				1	-		1							1
3 and/or 4-Methylphenol	369		ug/Kg	U	YES					[	}									
3-Nitroaniline	369		ug/Kg	U	YES	}				}			1							1
4-Bromophenyl phenyl ether	369		ид/Кд	U	YES	: 1						!	1	į						1
4-Chloro-3-methylphenol	369		ug/Kg	U	YES									}						
4-Chloroaniline	369		ug/Kg	U	YES						 									
4-Chlorophenyl phenyl ether	369		ug/Kg	U	YES		1				}								1	1
4-Nitroaniline	369		ug/Kg	U	YES		l			1	 				1					[
4-Nitrophenol	369		ug/Kg	U	YES	: 1	I													
Acenaphthene	369		ug/Kg	U	YES		1			1	i	}	1							1
Acenaphthylene	369		ug/Kg	υ	YES	i	]				į	}							1	
Anthracene	369		ug/Kg	U	YES		1				[									
Benzo(a)anthracene	369		ug/Kg	U	YES	: I						1			l					1
Benzo(a)pyrene	369		ug/Kg	U	YES		ļ				]		1							
Benzo(b)fluoranthene	369		ug/Kg	U	YES		1				}								1	
Benzo(g,h,i)perylene	369		ug/Kg	U	YES								İ							
Benzo(k)fluoranthene	369		ug/Kg	U	YES												ļ			]
Bis(2-Chloroethoxy)methane	369	;	ug/Kg	U	YES	1	1					İ					1		1	
dis(2-Chloroethyl)ether	369	;	ug/Kg	U	YES	1	1	1			!		1			1			[	1
3is(2-Chloroisopropyl)elher	369	1	ug/Kg	υ	YES	1		1								ı				
Bis(2-Ethylhexyl)phthalate	29.4	1	ug/Kg	J	YES			1							· · · · · ·					
Butyl benzyl phthalate	369	1	ug/Kg	U ;	YES		1	١	-											
Chrysene	369	;	ug/Kg	U	YES							l :					*			1
Dibenz(a,h)anthracene	369		ид/Кд	U	YES		1	1									Ì			
Dibenzofuran	369		ug/Kg	U	YES	1		1								· · · · · · ·				
Diethyl phthalate	369		ug/Kg	U	YES								1							l

Project Number and Name:

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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

Client Sample ID : E11-118-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872004

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCA
Analysis Method : 8270D					Dilutio	n: 1														
Dimethyl phthalate	369		ug/Kg	U	YES						ĺ	]	1						1	ī
Di-n-butyl phthalate	369		ug/Kg	υ	YES					1	1			!	1 1					
Di-n-octyl phthalate	369		ug/Kg	U	YES	IJ	1		1	UJ	1				1					
Fluoranthene	369		ug/Kg	U	YES		[ ]		1				[		i i					Ī
Fluorene	369		ug/Kg	U	YES				[			]							1	I
Hexachlorobenzene	369		ид/Кд	U	YES		i i		1	1			1		1		1		1	1
Hexachlorobutadiene	369		ug/Kg	U	YES					 		;					l 1		1	1
Hexachlorocyclopentadiene	369		ug/Kg	U	YES		1		1	i				,	i				1	
Hexachloroethane	369		ug/Kg	U	YES						 				1				1	
indeno(1,2,3-cd)pyrene	369	;	ug/Kg	U	YES															1
Isophorone	369		ug/Kg	IJ	YES				1	1		ļ			]					i
Naphthalene	369		ug/Kg	IJ	YES		1		1			· · · · · · · · · · · · · · · · · · ·			i i				1	
Nilrobenzene	369		ug/Kg	V	YES		l					 			i i				1	1
n-Nitrosodi-n-propylamine	369		ug/Kg	U	YES :														<u> </u>	l
Pentachlorophenol	369		ug/Kg	υ	YES														1	i
Phenanthrene	369		ug/Kg	U	YES		1	,				,			i				1	
Phenoi	369	Î	ug/Kg	U	YES										[				1	
Pyrene	369	I i	ug/Kg	U	YES :		·····i			1			i		1		1		1	

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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

Client Sample ID : E11-118-S4

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872005

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual		нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ic	icv	CCV CCV
Analysis Method : 6010C					Diluti	on: 1														
Arsenic	1,09		mg/kg		YES	;							1				[ ]			Ī
Arsenic	1.09		mg/kg		YES							1	1	1						
Barium	64.3		mg/kg		YES	:	١		1		}	}		}						
Barium	64.3		mg/kg		YES										i i		1		1	ĺ
Cadmium	0.560		mg/kg		YES	:													1	
Cadmium	0.560		mg/kg		YES														}	1
Chromium	5.15		mg/kg		YES	J	1					J					{			i .
Chromium	5.15		mg/kg		YES	j	1			1		J	 		l i		{			
Lead	5.48		mg/kg		YES	J	1					J			I					
Lead	5.48		mg/kg		YES	J						J								
Selenium	1.92	i	mg/kg	υ	YES		1													
Selenium	1.92	;	mg/kg	U	YES		·····								l					l
Silver	0.960	;	mg/kg	U	YES		-													
Silver	0.960		mg/kg	Ų	YES	1									i i					
Analysis Method : 7471B	***************************************	**************	• • • • • • • • • • • • • • • • • • • •		Dilutio	n: 1														
Mercury	0.00135		mg/kg	J	YES :	i	1													1
Analysis Method : 8081					Dilutio	n; 1			• • • • • • • • • • • • • • • • • • • •											
4,4'-DDD	1.84		ug/Kg	JP	YES	J	1	ı			J		Ì		l i		444.6			i
4,4'-DDD	1.04		ug/l(g	JΡ	YCO	J	1				J									i
4,4'-DDE	10.5		ug/Kg	U	YES		1													
4,4'-DDE	10.5		ug/Kg	U	YES			1		1	i				1					1
4,4'-DDT	1.45		ug/Kg	JP	YES	J	1	١			J	ļ	1							1
4,4'-DDT	1,45		ug/Kg	JP :	YES	J	1	ļ			J						(			i
Aldrin	10.5		ug/Kg	V ;	YES :		1	1	1			1								i
Aldrin	10.5		ug/Kg	U	YES :		1		١	1		1				١		1		
alpha-BHC	10.5	-	ug/Kg	U	YES			I			1	<u> </u>	1						1	
alpha-BHC	10.5		ug/Kg	U	YES	1		1	i	;	1	l					1			

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for categories not assessed by automated data review

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<sup>\*</sup> 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

Client Sample ID : E11-118-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872005

-

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	HT	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	iC	(CV	CCV CV1
Analysis Method : 8081	***************************************				Diluti	on: 1											***************************************			
alpha-Chlordane	10.5		ug/Kg	U	YES	R			1		R	1		ļ					1	1
alpha-Chlordane	10.5		ug/Kg	U	YES	R				1	R								l	ĺ
beta-BHC	10.5		ug/Kg	U	YES					1	1									1
beta-BHC	10.5		ug/Kg	U	YES					1										
Chlordane	35.0		ug/Kg	U	YES				1	}		1					1			
Chlordane	35.0		ug/Kg	V	YES							]					;			
delta-8HC	0.933		ug/Kg	J	YES		1					1	1		1					
delta-BHC	0.933		ug/Kg	J	YES												1		1	
Dieldrin	10.5		ug/Kg	ย	YES				1	1			1				ļ			
Dieldrin	10.5		ug/Kg	U	YES	i	-						1							1
Endosulfan I	10.5		ug/Kg	U	YES							1								İ
Endosullan I	10.5		ug/Kg	U	YES												j			ĺ
Endosulfan II	10,5		ug/Kg	U	YES		1										İ		]	İ
Endosulfan II	10.5		ug/Kg	υ	YES	1	1					1							1	j
Endosulfan sulfate	10.5		ug/Kg	υ	YES							}			l j				1	1
Endosulfan sulfate	10.5		ug/Kg	U	YES							1							1	1
Endrin	10.5	į	ug/Kg	U	YES												į		1	
Endrin	10.5		ug/Kg	U	YES	1				1					1		-		1	]
Endrin aldehyde	10.5	ì	иу/Ку	U	YE3	1	1					1								
Endrin aldehyde	10.5		ug/Kg	U	YES							1								i
Endrin ketone	10.5	1	ug/Kg	U	YES												Ţ			1
Endrin kelone	10.5		ug/Kg	U	YES	1	1	1									1			
gamma-BHC (Lindane)	4.26		ug/Kg	J	YES	J	1	1		1	J						1		1	ł
gamma-BHC (Lindane)	4.26		ug/Kg	J	YES	J	1				J	1					1			
gamma-Chlordane	10.5		ug/Kg	υ	YES			1					1		ļ , , , , , , , , , , , , , , , , , , ,		1			1
gamma-Chlordane	10.5	:	ug/Kg	U :	YES	1		1	1	1			1			1	1			1

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<sup>\*</sup> 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

Client Sample ID : E11-118-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872005 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall	Temp	нт	мв	LCS	MS	£ab Dup	Surr	Rep	Moist Tot/Dis	Field QC	Tune	1C	ICV	CCV
Analysis Method : 8081		E1101	Oims		Diluti		14aib	111	MD		mo	Sup		LWIIIL	100013	- WC	1416			
Heplachlor	10.5		ug/Kg	U	YES				1		I		1		1		I I			!
Heptachlor	10.5		ug/Kg	U ·	YES	: :	i			'	! !	[ 	!	! !	! 				! I	
Heptachlor epoxide	10.5		ug/Kg	U	YES		!! !		!! !		i	!	\ 		!! !				! !	!
Heptachlor epoxide	10.5		ug/Kg	U	YES		!! !				! 	<u>'</u> I	¦	: :	!: 		<u>:</u>		! 	! !
Methoxychlor	10.5		ug/Kg	u	YES		i					! }	: 		i				<u>!</u> !	i
Methoxychlor	10.5		ид/Кд	U	YES		!! 				' !	: !	:   	! 	! 				! 	! 
Toxaphene	35.0		ug/Kg	U	YES		!! !				' 		! 		! 			•••••	! 	! 
Toxaphene	35.0		ug/Kg	U	YES								t		! 				! 	·····
Analysis Method : 8161					Dilutio	n: 1	!													1
2,4,5-T	0.0177		mg/kg	U	YES								1		l		i			
2,4,5-TP (Silvex)	0.0177		mg/kg	U	YES				i	i			1				·····		' 	! !
2,4'-D	0.0177		mg/kg	U	YES				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			·		 [					! 
2,4-DB	0.0177		mg/kg	U	YES				······'	 									'	: 
Dicamba	0.0177	i	mg/kg	U	YES		· · · · · · · · · · · · · · · · · · ·		······ <i>i</i>						]	·········				i
Analysis Method ; 8260B					Dilutio	n: 1			· · · · · · · · · · · · · · · · · · ·											
1,1,1,2-Telrachioroethane	4.45		ug/Kg	U	YES		- 1		ī		i					I				
1,1,1-Trichloroethane	4.45		ug/Kg	U	YES				i	·······			i			i	·····	i		1
1,1,2,2-Tetrachloroethane	4.45		ug/Kg	U	YES		i		ì	i	i			i	i	i	<u>`</u>	···		1
1,1,2-Trichloroethane	4 45	······································	по/Ко	H	YFS		·i	··	Ì	i				·i	· · · · · · · · ·	; I	·····			1
1,1 Dichloroothano	4.46		ug/Kg	U	YEC		Ī	1					1			i	1			1
1,1-Dichloroethene	4.45		ug/Kg	U	YES		1				····						1			1
1,1-Dichloropropene	4.45		ug/Kg	U	YES		1	Ì	1			1					1			1
1,2,3-Trichlorobenzene	4.45		ug/Kg	υ	YES			1	1		1					1	i	1		1
1,2,3-Trichloropropane	4.45	·	ug/Kg	U	YES			1	1						1	·····	1	I		1
1,2,4-Trichlorobenzene	4.45		ug/Kg	U	YES		1	i		1	٠٠٠٠٠٠٠١			<u>:</u> 1	i	<u>.</u> 1	i- 		i	
1,2,4-Trimethylbenzene	4.45		ug/Kg	U	YES	<u>-</u>	· <u>ì</u> ,	·	<u>-</u>	1	i	i		<u>:</u>	i	i	i	·i	······	
1,2-Dibromo-3-chloropropane	26.7		ug/Kg	u ;	YES		i	· · · · · · · · · · · · · · · · · · ·	1		1	1		·						

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<sup>\*</sup> 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

Client Sample ID: E11-118-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872005

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCA
Analysis Method : 8260B				*****	Dilutio	on: 1					······									
1,2-Dibromoethane	4.45		ug/Kg	U	YES				1		į.	i								1
1,2-Dichlorobenzene	4.45		ug/Kg	U	YES															
1,2-Dichtoroethane	4.45		ug/Kg	U	YES													••		
1,2-Dichloropropane	4.45		ug/Kg	U	YES						1	ļ								
1,3,5-Trimethylbenzene	4.45		ug/Kg	υ	YES						•									i '
1,3-Dichlorobenzene	4.45		ug/Kg	U	YES	1	1			[	}				i					'
1,3-Dichloropropane	4.45	;	ид/Кд	U	YES	1	1													'
1,4-Dichlorobenzene	4.45		ид/Кд	U	YES							 	[						1	
2,2-Dichloropropane	4.45		ug/Kg	Ų	YES		i													
2-Bulanone	22.3		ug/Kg	U	YES		1													
2-Chlorofoluene	4.45		ug/Kg	U	YES	ì											!			
2-Hexanone	11.1	;	ug/Kg	U	YES			1												
4-Chlorotoluene	4.45	-	ug/Kg	U	YES	1									1					
4-Isopropyltoluene	4.45		ug/Kg	U	YES :	1	1						i							
4-Methyl-2-pentanone	11.1		ug/Kg	U	YES		1	1									1			
Acetone	7.47		ug/Kg	J	YES			1			i i						j			
Benzene	26.6	1	ug/Kg		YES	1	1	1	1				1				Ì			
Bramabenzene	4.45	į	ug/Kg	U	YES :	1	1						1					1		
Bromodiforomethane	4.45	i	цу/Ку	U	YES		1	1		1		1	ì							
Bromodichloromethane	4.45	i	ug/Kg	υ ;	YES			1			I	1	İ	1			1			
Bromaform	4.45	:	ug/Kg	U	YES	1		1	1								)		İ	
Bromomethane	4.45	:	ug/Kg	υ	YES :	1		1	1		Į		1						-	I
Carbon disulfide	4.45	1	ug/Kg	U Ì	YES :		1		1		į	1	1			-		1	1	1
Carbon tetrachloride	4.45	1	ug/Kg	U	YES :		1	1			]	ĺ	f	1		1				1
Chlorobenzene	4.45		ug/Kg	ប	YES	ĺ	1	1		I		1		1	]					1
Chloroethane	4.45	1	ug/Kg	U	YES			1	1		I		i	1			-		I	

Project Number and Name:

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<sup>\*</sup> 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

Client Sample ID : E11-118-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872005

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty I Error	Result Units	Lab Qual		Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV
Analysis Method : 8260B					Diluti															
Chloroform	4.45		ug/Kg	U	YES					1		!		1						[
Chloromethane	4.45		ug/Kg	U	YES					1	1		i		1					
cis-1,2-Dichloroethene	0.793		ug/Kg	J	YES														1	1
cis-1,3-Dichloropropene	4.45		ug/Kg	U	YES				1		 	 					1		1	Ī
Dibromochloromethane	4.45		ug/Kg	υ	YES						 				1 !					
Dibromomethane	4.45		ug/Kg	U	YES				l						1				[	1
Dichtorodifluoromethane	4.45		ug/Kg	U	YES														 	ſ
Ethyl Benzene	4.45		ug/Kg	U	YES										ĺ					
Hexachlorobuladiene	4,45		ug/Kg	U	YES		ĺ								1		[			1
isopropylbenzene (Cumene)	4.45		ug/Kg	υ	YES					[									i	
m,p-Xylene	8.90	i	ид/Кд	V	YES										i i		]			1
Methyl iodide	4.45		ug/Kg	U	YES		1													i
Methylene chloride	0.873		ug/Kg	J	YES		1								1		i i			
Naphthalene	4.45		ug/Kg	U	YES															1
n-Butylbenzene	4.45		ug/Kg	U	YES	1	1			.,,,,,,,,										[
n-Propylbenzene	4.45		ug/Kg	U	YES															
o-Xylene	4.45		ug/Kg	U	YES															}
sec-Bulyibanzene	4.45		ug/Kg	Ų	YES		1	i				1			ì					1
Elyrono	4.46		ug/Kg	U	YES		1					Ī								1
lert-Bulyl methyl ether (MTBE)	4.45		ug/kg	U	YES		1	 			1	1	1				1			1
tert-Bulyibenzene	4.45	Î	ug/Kg	U	YES	1	1	1			[	1				· · · · · · · · · · · · · · · · · · ·	1			1
I etrachioroethene	4.00		ug/Kg	J	YES		1	1	1	i	i	1	1		1		1			1
Toluene	4.45		ug/Kg	υ	YES	i	1	 I	······· /			1	·····						·	1
Irans-1,2-Dichloroethene	4.45		ug/Kg	U	YES	i						· · · · · · · · · · · · · · · · · · ·				 				1
rans-1,3-Dichloropropene	4.45		ug/Kg	U	YES		i					i			·····i	i	ì	· · · · · · ·	·····	i
rans-1,4-Dichloro-2-butene	22.3		ug/Kg	U	YES	· · · · · · i	· · · · · · · · · · · · · · · · · · ·			·······'		i		· · · · · · · · · · · · · · · · · · ·				······	i	 I

Project Number and Name:

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Library Used:

Report Date: 9/6/2011 08:59

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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

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Client Sample ID : E11-118-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872005

- 24 404 072005

Reviewed By / Date :

Approved By / Date :

Result	Uncertainty / Error	Result Units	Lab Quai			Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit			Tune	IC	1CV	CCA
				Diluti	on: 1														
4.45		ug/Kg	U	YES	;					1	į		ļ						
4.45		ug/Kg	U	YES				1	1	}	ļ		}						1
4.45		ug/Kg	Ų	YES					]		1							1	1
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Dilutie	on: 1	*													
342		ug/Kg	U	YES				[		l	l	l		l i					1
342		ug/Kg	U	YES						1	ĺ	1		1					l
342		ug/Kg	U	YES		1		1				Ì				]			1
342		ug/Kg	U	YES							ļ								
342		ug/Kg	บ	YES		1			]	ļ	}					· ·		1	1
342		ug/Kg	u	YES	)				l									1	1
342		ug/Kg	U	YES	í	1			1	i						]		1	i .
342	i	ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·								ļ					
342		ug/Kg	U	YES	1	1													
342		ug/Kg	U	YES														1	1
342	· · · · · · · · · · · · · · · · · · ·	ug/Kg	บ	YES	· · · · · · · · · · · · · · · · · · ·														
342		ug/Kg	U	YES	i	1										į ;			1
342	:	ug/Kg	U	YES	]	1							1	ì		,		1	
342	:	ug/Kg	U	YES	1	1				.,,				1		(			
342	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YE8											,				1
342		ug/Kg	U	YES											1				1
342		ug/Kg	U	YES		1		1											1
342		ug/Kg	υ	YES :	1	1									i	{			1
342		ug/Kg	U	YES	1	i							i	]					i
342		ug/Kg	U	YES									i	1		)			1
342		ug/Kg	U	YES	·····i	······································		······································			i		· · · · · · · · · · · · · · · · · · ·			i			1
342		ug/Kg	U	YES	1	i	۱	 	······	······	i		·	<del>-</del>	 				
342		ug/Kg	υi	YES:							············				:i	i			
	Result  4.45 4.45 4.46  342 342 342 342 342 342 342 342 342 34	342 342 342 342 342 342 342 342	Result         Error         Units           4.45         ug/Kg           4.45         ug/Kg           4.46         ug/Kg           342         ug/Kg	Result   Error   Units   Qual	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LGS   MS   Dup   Surr   Limit   Tot/Dis	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   Tot/Dis   QC	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   ToUDIS   QC   Tune	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   TeUTDIS   QC   Tune   IC	Result

Project Number and Name:

i»೭ - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

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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

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Client Sample ID: E11-118-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Lab Sample ID: 31101872005

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ıc	ICV	CCA
Analysis Method : 8270D					Dilutio	on: 1														
4-Nitrophenol	342		ug/Kg	U	YES			,,			l						1 1			
Acenaphthene	342		ид/Кд	U	YES									1	1				[	
Acenaphthylene	342		ug/Kg	U	YES		1		1										1	
Anthracene	342		ug/Kg	U	YES		1			1	,				1		1			
Benzo(a)anthracene	342		ug/Kg	U	YES		1								[ ]					1
Benzo(a)pyrene	342		ug/Kg	U	YES	1	1						 				1		ĺ	
Benzo(b)fluoranthene	342		ug/Kg	U	YES		·····		 					.,,,,,,,,,						
Benzo(g,h,i)perylene	342		ug/Kg	υ	YES		1								l i		l i			1
Benzo(k)fluoranthene	342		ug/Kg	υ	YES						1						1 ;			1
Bis(2-Chloroethoxy)methane	342		ug/Kg	U	YES		1								i i		i i			
Bis(2-Chloroethyl)ether	342		ug/Kg	U	YES	1	1								1 !		i i			
Bis(2-Chloroisopropyl)ether	342		ug/Kg	U	YES										l i		l J		1	
Bis(2-Ethylhexyl)phthalale	41.0		ug/Kg	J	YES									,,			1			1
Bulyl benzyl phthalale	342	i	ug/Kg	U	YES		1										i i			1
Chrysene	342		ug/Kg	υ	YES						,,,,,,,				1		i i			ĺ
Dibenz(a,h)anthracene	342		ид/Кд	U	YES		· · · · · · · · · · · · · · · · · · ·				· · · · · · ·				1				1	1
Dibenzofuran	342		ug/Kg	U	YES		1	1		I					l		1			1
Diethyl phthalate	342		ug/Kg	U	YES		1				- 1						1			1
Dimothyt phthalato	342		ug/Kg	U	YEC	1				1						i	[			1
Di-n-butyl phthalale	342		սց/Кց	U	YE5												Î		i i	[
Di-n-octyl phthalate	342		ug/Kg	U	YES	กา				UJ	· · · · · · · · · · · · · · · · · · ·		1		1					1
Huoranthene	342	1	ug/Kg	υ	YES			<u>.</u>	1	.,			1	,		Ì	1			
Fluorene	342		ug/Kg	U	YES		i									i	1	1		
Hexachlorobenzene	342		ug/Kg	U	YES	1										l	1			
Hexachlorobutadiene	342		ug/Kg	U	YES		·····i	······	·		 	i			  i	: 				
Hexachlorocyclopentadiene	342	·····	ug/Kg	U	YES			i	· · · · · · · · · · · · · · · · · · ·		 	i			1	······i	i			

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<sup>\*</sup> 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

Client Sample ID : E11-118-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Reviewed By / Date:

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872005

Approved By / Date :

*																				
Anaiyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overal) Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Yune	IC	ICV	CV/
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	342		ug/Kg	Ų	YES	:			1	1	1	ì	l				]		Ī	1
Indeno(1,2,3-cd)pyrene	342		ug/Kg	U	YES	:				1			i		1				! 	1
isopharone	342		ug/Kg	U	YES	-						]			1		i 			i
Naphthalene	342		ug/Kg	U	YES				1	1	1	[	i		[		: 			i
Nitrobenzene	342		ug/Kg	U	YES	[			1	1	 	 			i i				i	í 
n-Nitrosodi-n-propylamine	342		ug/Kg	Ų	YES				1	1		: 			İ :		` 	· · · · · · · · · · · · · · · · · · ·	i I	i I
Pentachlorophenol	342		ug/Kg	U	YES					 	: 	: }					: 		: 	! <i></i> 
Phenanthrene	342		ug/Kg	υ	YES				1	1	i				i :				/ 	i
Phenol	342		ug/Kg	U	YES				1	i 	······	 	i i		ii				 	i I
Pyrene	342		ug/Kg	U	YES			••••	: 	i 	 				i					:

Project Number and Name:

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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

Client Sample ID : E11-119-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872006

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	1C	ICV	CCV
Analysis Method : 6010C					Dilutio	ก: 1														***************************************
Arsenic	3,53		mg/kg		YES					]			1						į	Ī
Arsenic	3.53		mg/kg		YES		1			1	 ]	: 	` 		1		:: [		i	 
Barium	88.6		mg/kg		YES		1						:		i	******	i		: İ	i
Barium	88.6		mg/kg		YES							<u>-</u>	 				1		) 	ì 
Cadmium	0.610		mg/kg		YES	!													 I	: 
Cadmium	0.610		mg/kg		YES										İ				í	:
Chromium	5.18		mg/kg		YES	J						j			i i				í	i
Chromium	5.18		mg/kg		YES	J	1		]	l i		J					i i		i	!
Lead	10.1		mg/kg		YES	J	1					J			ii		Ì		: I	:
Lead	10.1		mg/kg		YES	J	i					J			l		ì		·	; 
Selenium	0.444		mg/kg	J	YES															i
Selenium	0.444		mg/kg	J	YES			1					i							
Silver	0.987		mg/kg	U	YES			l			······i								·	
Silver	0,987	;	mg/kg	U	YES	1			1							1			l	
Analysis Method : 7471B					Dilutio	n; 1														
Mercury	0.00119	i	mg/kg	J	YES :			1	Ī	1	<u>-</u>		1		1	-	1			
Analysis Method : 8081					Dilutlo	n: 1				*********									·	
4,4'-DDD	10.1		ug/Kg	U	YES ;		- T		ı	-	- 1	Ī				1				
4,4'-DDD	10.1	;	ug/Kg	U	YCC :		1	1		}					ì	1	į			
4.4'-DDC	0.755		սց/Ку	J	YES	J					J	1	1				1			
4,4'-DDE	0.755		ид/Кд	J	YES	J	1	1	1		J	1		1					1	1
4,4'-DDT	3.17	ì	ug/Kg	16	YES :	J	1	ı		1	3 }	1				1	1	i	·····i	
4,4'-DDT	3.17	;	ug/Kg	JP	YES :	J			1		J		1	1		······			i	······
Aldrin	10.1	-	ug/Kg	U	YES :	1	1	1	1			1	1	1					· · · · · · · · · · · · · · · · · · ·	·····i
Aldrin	10.1	Ĭ	ug/Kg	U	YES ;			Ï			1	 1		1	i	1	·	·······	i	· · · · · · · · · · · · · · · · · · ·
alpha-BHC	10.1		ug/Kg	υ	YES	1		1		1	1	······		······i	<u>i</u> -	ì	i. 		·i	·:
ilpha-BHC	10.1		ug/Kg	υ	YES	}	1		1			·····	1	· · · · · i		<u>-</u>		· · · · · · · · · · · · · · · · · · ·		·; 

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<sup>\*</sup> 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

Client Sample ID : E11-119-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872006 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

#### Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quat	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ic	ICV	CCV
Analysis Method : 8081					Dilutio	n: 1										•				
alpha-Chlordane	10.1	:	ug/Kg	U	YES	R				l	R	1	1							
alpha-Chlordane	10.1		ug/Kg	U	YES	R					R	1		[						
beta-BHC	10,1		ug/Kg	U	YES :						1			}	1					1
beta-BHC	10,1	;	ug/Kg	U	YES :						í		i	[	1		<u> </u>		1	
Chlordane	33.6	;	ug/Kg	U	YÉS								·····		i i				l	1
Chlordane	33.6		ug/Kg	U	YES				*				i		1					1
delta-BHC	10.1		ug/Kg	U	YES :		1								i i				1	İ
delta-BHC	10.1		ug/Kg	U	YES		i			[										
Dieldrin	10,1		ug/Kg	υ	YES			···					i		1				1	1
Dieldrin	10.1		ug/Kg	U	YES										i				i	i
Endosulfan i	10.1		ug/Kg	U	YES		[		,,,,,,,,,,,			 			l i				1	1
Endosulfan I	10.1		ug/Kg	U	YES		Ī	1							İ		}			1
Endosulfan il	10.1		ug/Kg	U	YES	i	İ	1							1					İ
Endosulfan II	10.1	:	ug/Kg	Ų	YES		i			,					1					
Endosulfan sulfale	10.1		ug/Kg	U	YES		i	ì									1			1
Endosulfan sulfate	10,1		ug/Kg	U	YES	i	·····	<u>.</u>												
Endrin	10.1	1	ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	Ì									1			i
Endrin	10.1		ug/Kg	U	YES										1		i	:		i
Endrin aldohydo	10.1	1	ug/Kg	U	YEC		1	ì												i
Bodilin aldehyde	10.1		ug/kg	V	YES	i		1												i
Endrin ketone	10.1	····	ug/Kg	υ	YES			ì			 		}	i			1			[
Endrin kelone	10.1	i	ug/Kg	u	YES	]	i	1	1		\ 		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·				1
gamma-BHC (Lindane)	10.1	1	ug/Kg	U	YES		1						:	I	į	i	}			i
gamma-BHC (Lindane)	10.1		ug/Kg	υ	YES	i	<u>.</u> .	<del>-</del>	 I	; 			i	··		! 	<u>:</u>			 I
gamma-Chiordane	10.1		ug/Kg	ט	YES :	i		1	······	· · · · · · · · · · · · · · · · · · ·				 I			·····			i
gamma-Chlordane	10.1	······	ug/Kg	υ	YES			· ····	······'				···· ··· :	·····	1	' 	· · · · · · · ·			······i

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Library Used:

Report Date: 9/6/2011 08:59

\* 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

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Client Sample ID : E11-119-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872006

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overal Qual*	l Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	łCV	CCV
Analysis Method : 8081					Diluti	on: 1														
Heplachlor	10,1		ug/Kg	U	YES	:			i			ĺ			1	••		•	1	
Heptachlor	10.1		ug/Kg	U	YES									ſ					1	1
Heplachfor epoxide	10.1		ug/Kg	U	YES	:											{		l	
Heptachlor epoxide	10.1		ug/Kg	U	YES											*******	[		[	I
Methoxychlor	10.1		ug/Kg	U	YES	: :			1										]	
Methoxychlor	10.1		ug/Kg	υ	YES															
Toxaphene	33.6		ug/Kg	U.	YES	[			Í	[					1				1	1
Toxaphene	33.6		ug/Kg	บ	YES														1	ĺ
Analysis Method : 8151					Diluti	วก: 1				*******										********
2,4,5-T	0.0168	:	mg/kg	Ų	YES										1				}	1
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES					· · · · · ·					1					ĺ
2,4'-D	0.0168		mg/kg	U	YES						ļ						]			1
2,4-DB	0.0168		mg/kg	U	YES							1	]				ĺ		1	1
Dicamba	0.0168		mg/kg	U	YES						· · · · · · · · · · · · · · · · · · ·									
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.09		ug/Kg	U	YES		<u>.</u>	١			1	1					į			Ī
1,1,1-Trichloroethane	4.09		ug/Kg	U	YES			1		ì		1	į				ì			
1,1,2,2-Tetrachloroethane	4.09		ug/Kg	U	YES							,	1							
1.1.2-Trichloroethane	4.09	į	пр/Кр	u	YFS					1		1					i			
1,1-Dichloroethane	4.09		ug/Kg	U	YE8			1	1		1	1								l
1,1-Dichloroethene	4.09		ug/Kg	U	YES		1	1		1	1	1					1			1
1,1-Dichloropropene	4,09	;	ug/Kg	U	YES		Ī				,			···	i	ı				1
1,2,3-Trichlorobenzene	4.09		ug/Kg	U	YES			]					1		1	1			i	
,2,3-Trichloropropane	4.09		ug/Kg	V	YES			1	1	]										i
I,2,4-Trichlorobenzene	4.09	i	ug/Kg	υ	YES	UJ		1	1	1	UJ	Ī	i	1		1				
I,2,4-Trimelhylbenzene	4.09		ug/Kg	U	YES :		1				1		1			1	1			
,2-Dibromo-3-chloropropane	24.5		ug/Kg	υ	YES		1	1					1		1	i	1		 ا	

Project Number and Name:

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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

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Client Sample ID : E11-119-S1

Lab Sample ID: 31101872006

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date:

Approved By / Date :

Result	Uncertainty I Error	Result Units	Lab Qual			Temp	нт	MB	LCS	MS	Lab Dup	Surr				Tune	1C	lCV	CCV
* * * * * * * * * * * * * * * * * * * *				Dilutio	on: 1														
4.09		ug/Kg	U	YES						1		1		1				1	
4.09		ug/Kg	U	YES		1								1				l	1
4.09		ug/Kg	U	YES		I					'		)	I					ĺ
4.09		ид/Кд	Ų	YES	1	I													
4.09		ug/Kg	U	YES															
4.09		ug/Kg	U	YES		1						 		1	••••••				
4.09		ug/Kg	U	YES	i								]	1		1			
4.09		ug/Kg	U	YES	1	1								1			i		1
4.09		ug/Kg	U	YES	1									1					1
20.4		ug/Kg	U	YES															1
4.09		ug/Kg	U	YES										]					1
10.2		ug/Kg	υ	YES	į	······				· · · · · · · · · · · · · · · · · · ·									
4.09		ug/Kg	U	YES												1			1
4.09		ug/Kg	U	YES										1					1
10.2		ug/Kg	υ	YES	1	1									I	I	1		
12.4	:	ug/Kg	J	YES	1		1		i	·····									
4.09	;	ид/Кд	U	YES		1	1				Ì			· · · · · · · · · · · · · · · · · · ·		1	1		
4.09		ug/Kg	U	YES	1		1	1		i	1	· · · · · · · · · · · · · · · · · · ·				]			
4.09	i	ug/Kg	ŧ)	YFS	I	1	1	1	1	}		i		1					( )
4,09	:	ug/Kg	U	YES:		i	Î	1			i		1	1				i	
4.09	į	ug/Kg	U	YES			Î	1	i	·····	Ì	1			Ì	1	1	1	
4.00		ug/i(g	υ	YES			1	1			1	}			1	1	1	1	
4.09	i	ug/Kg	ប	YES :	1	Ï	Ī	1		1	1				i	1		I	
4.09	i	ug/Kg	U	YES	1	1		I	1		ı		i	1	l	1	I	I	
4.09	ì	ug/Kg	U	YES	i	i.	1					1				1			<u>.</u>
4.09		ug/Kg	U	YES							· · · · · · · · ·				1		····		
	Result  4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.0	4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09	Result   Error   Units	Result   Error   Units   Qual	Result         Error         Units         Qual         Res           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           4.09         ug/Kg         U         YES           10.2         ug/Kg         U         YES           10.2         ug/Kg         U         YES           10.2         ug/Kg         U         YES           4.09         <	Result	Result   Error   Units   Qual   Res   Qual   Temp   Dilution: 1	Result	Result	Result	Result	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup	Result	Result	Result	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   Tot/Dis   QC	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   ToUDIS   QC   Tune	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   ToVIDis   QC   Tune   IC	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Sur   Limit   ToUDIS   QC   Tune   IC   KCV

Project Number and Name: "»¿ - 11-032E Carroll Agent Orange

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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

Client Sample ID: E11-119-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Reviewed By / Date :

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872006

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Quai*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis	Field QC	Tune	IC	icv	CV/
Analysis Method : 8260B					Diluti	on: 1														
Chloroform	4.09		ug/Kg	U	YES	)			1	]			1		]		]		1	i
Chloromethane	4.09		ug/Kg	U	YES												1		1	:, 
cis-1,2-Dichloroethene	1.81		ug/Kg	J	YES						•				1					
cis-1,3-Dichloropropene	4.09		ug/Kg	U	YES									• • • • • • • • • • • • • • • • • • • •	1		1 :			
Dibromochloromelhane	4.09		ug/Kg	U	YES				i i						l 1					
Dibromomethane	4.09		ид/Кд	U	YES		١				] ]				1					
Dichlorodifluoromethane	4.09		ug/Kg	U	YES							!			1		1			
Elhyl Benzene	4.09		ug/Kg	U	YES				· · · · · ·						ĺ					
Hexachlorobutadiene	4.09		ug/Kg	U	YES										İ					
Isopropylbenzene (Cumene)	4.09		ug/Kg	υ	YES		ĺ								1					
m,p-Xylene	8.18		ug/Kg	U	YES							]								
Methyl iodide	4.09		ид/Кд	U	YES		1			·····i							1			
Methylene chloride	2.74		ug/Kg	J	YES						1									
Naphthalene	4.09	į	ug/Kg	U	YES	ļ	-				i	1					1			
n-Butylbenzene	4.09	· · · · · · · · · · · · · · · · · · ·	ug/Kg	ម	YES			1	I		I									
n-Propylbenzene	4.09		ug/Kg	U	YES	i			1	]	1	1								
o-Xylene	4.09		ug/Kg	U	YES	· · · · · · · · ·		1	1	}		1	}		i					· · · · · · · · · · · · · · · · · · ·
sec-Butylbenzene	4.09	:	ug/Kg	U	YES	}	1	1	1	i	i	i							i	
Styrene	4.09	:	ug/K.g	U ,	YES	UJ	1	1	1	I	W	Ì	1	. 1	1		1	j		
ert-Bulyl methyl ether (MTBE)	4.09	;	ug/Kg	U	YES			Ī	1	1	1		1	1	1		î			
ert-Bufylbenzene	4.09		ug/Kg	U	YES	1	1	Î	1		Ì	i	1	1	i	1				
Fetrachloroethene	6.90		ug/Kg		YES	ì		1	ĺ	1	·····	1				í	1		· · · · · · · · · · · · · · · · · · ·	1
Toluene	6.22	:	ug/Kg		YES			1	1	1		1		1		1		Ĺ	1	
rans-1,2-Dichloroethene	4.09		ug/Kg	U	YES	1		1	1	1		······	1	·i	<u>-</u> -	i	l	i	······i	
rans-1,3-Dichloropropene	4.09		ug/Kg	U	YES		i	Ī	Î	1	1	i	<u>.</u> .	i	· · · · · · · · · · · · · · · · · · ·	i	i	i	······:	
rans-1,4-Dichloro-2-butene	20.4		ug/Kg	U	YES :			i	1		1	i i				······i		 ا		

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<sup>\*</sup> 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

Client Sample ID: E11-119-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872006 Analysis Type: RES

Sample Matrix: SO

		Uncertainty /	Result	Lab		Overall		***************************************				Lab		Rep	Moist	Field	·····		****	CV/
Analyte Name	Result	Error	Units	Quai	Res	Qual*	Temp	HŦ	MB	LCS	MS	Dup	Surr		Tot/Dis	ac	Tune	IC	ICV	ccv
Analysis Method : 8260B					Diluti	on: 1														
Trichloroethene	4.09		ug/Kg	U	YES			l	<u> </u>	<u> </u>	1	<u> </u>	1	<u> </u>	<u>                                     </u>				<u> </u>	
Trichlorofluoromethane	4.09		ug/Kg	U	YES			l	<u> </u>	1	<u> </u>	Ĺ	l	<u> </u>					1	l
Vinyl chloride	4.09		ug/Kg	U	YES				1	<u> </u>	<u> </u>		[	l			[ ]		1	l
Analysis Method : 8270D					Dilutio	on: 1								120000000000000000000000000000000000000						
1,2,4-Trichlorobenzene	345	j	ug/Kg	U	YES				1	1	(	1	<u> </u>	i					1	1
1,2-Dichlorobenzene	345		ug/Kg	U	YES					1	l	}	l	1	]				1	1
1,3-Dichlorobenzene	345		ug/Kg	U	YES	j			1		<u> </u>	l	l	1					1	
1,4-Dichlorobenzene	345		ug/Kg	Ų	YES		-		1	1									1	
2,4,5-Trichlorophenol	345		ид/Кд	U	YES		1		1											
2,4,6-Trichlorophenol	345	<u>i</u>	ug/Kg	U	YES				1			Í								1
2,4-Dichforophenol	345	)	ug/Kg	U	YES	1	- 1						1						1	
2.4-Dimethylphenol	345		ug/Kg	Ų	YES	1														1
2,4-Dinitrotoluene	345	}	ug/Kg	υ	YES	1	1								1		1		1	l
2,6-Dinitrotoluene	345	i	ug/Kg	U	YES					i j					1				1	
2-Chloronaphthalene	345	ì	ug/Kg	U	YES										i					1
2-Chlorophenol	345		ug/Kg	υ	YES	1	]				1		1							1
2-Methylnaphthalene	345		ug/Kg	U	YES	1									1		}			! !
2-Methylphenol	345		ug/Kg	U	YES		1				i				1		1			i
2-Nitroaniline	345		ng/Kg	IJ	YES								i							i
2 Nitrophanol	345		ug/Kg	U	YEG :	1	· · · · · · · · · · · · · · · · · · ·	l		i			1			i	<u>.</u>		 	 
3 and/or 4-Methylphenol	345		ug/Kg	U	YES		1	· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·		i	··\				! 
3-Nitroaniline	345		ug/Kg	U	YES							1		· · · · · · · · · · · · · · · · · · ·	i	·i	<u>-</u>		·	/ 
1-Bromophenyl phenyl elher	345		ид/Кд	U	YES	i	i	· · · · · · · · · · · · · · · · · · ·	·i		ئ <del>ىدىدىد</del> . ا			<u>-</u>	i- 	i			'! 	
1-Chloro-3-methylphenol	345		ug/Kg	U	YES	]	i	<u>`</u>	··			·····	1	i	i- 	i			· · · · · · · · · · · · · · · · · · ·	
1-Chloroaniline	345		ug/Kg	U	YES	······	i. I	i	······ 		·····i	i	·······	! 		1			·	
i-Chiorophenyi phenyl ether	345		ug/Kg	U	YES			············	í	1						: 		ئىسىدىد. ا	·	
(-Nitroaniline	345		ug/Kg	U	YES:															

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<sup>·</sup> 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

Client Sample ID: E11-119-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872006

Analyte Name	Result	Uncertainty I Error	Result Units	Lab Qual	Rep Res	Overali Qual*		нт	MB	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	łC	ICV	CV/ CCV
Analysis Method : 8270D					Diluti															
4-Nitrophenol	345		ид/Кд	U	YES			1		1		1	1	į			1	<u> </u>	1	1
Acenaphthene	345		ug/Kg	υ	YES				· ]	 	i	 	l	: 		 	: 	 		: 
Acenaphthylene	345		ug/Kg	U	YES					1	1						: 	 	i	: 
Anthracene	345		ug/Kg	U	YES					 	1	) ]		1					<u>:</u>	: 
Benzo(a)anthracene	345		ug/Kg	U	YES				` <i>-</i>	i		· · · · · · · · · · · · · · · · · · ·	 		i			 }	 	i I
Benzo(a)pyrene	345		ug/Kg	U	YES								 				·		: 	: F
Benzo(b)fluoranthene	345		ug/Kg	U	YES					i 	/ 	i 	i 		: 				i I	i
Benzo(g,h,i)perylene	345		ug/Kg	U	YES				`	 	: }	: 	: 				:	' 	<u>.</u>	
Benzo(k)fluoranthene	345		ug/Kg	υ	YES					: 	i 	; [	1		i				: 	i
Bis(2-Chloroethoxy)methane	345		ug/Kg	U	YES		i				i	} [	` 		 				¦	
Bis(2-Chloroethyl)ether	345		ug/Kg	U	YES					i	: 	; 			:				· · · · · · · · · · · · · · · · · · ·	
Bis(2-Chloroisopropyl)ether	345		ug/Kg	U	YES		i	i							i				 [	
Bis(2-Ethylhexyl)phthalate	345		ид/Кд	U	YES	1	i	i			 		l						i	
Butyl benzyl phihalale	345		ug/Kg	U	YES	·	·····i	·····i					:: 			· · · · · · · · · ·				
Chrysene	345		ug/Kg	ឋ	YES		· · · · · · i	Ì									· · · · · · · · · · · · · · · · · · ·		·i	
Dibenz(a,h)an(hracene	345		ug/Kg	U	YES		· · - · · · · · · · · · · · · · · ·	·												
Dibenzofuran	345		ug/Kg	U	YES			·····								· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Diethyl phthalale	345		ug/Kg	U	YES								 				······			
Dimethyl phihalale	345		ug/Kg	U	YES			ì					i		i	ì	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Di-n-butyl phthalate	345		ug/Kg	U	YES	1	i	 								\ I				
Di-n-octyl phthalate	345		ug/Kg	υ	YES	IJ	i	······	, · · · · · · · · · · · · · · · · ·	UJ			!	! 		\ I				
Fluorantiene	345		ug/Kg	υ	YES		· · · · · · · · · · · · · · · · · · ·	············		····· ···: :		······i		······		·······			·············!	
Fluorene	345		ug/Kg	U	YES	i	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	1					!	:  :	ا			······!	
Hexachiorobenzene	345		ug/Kg	υ ;	YES		·i	<u>'</u>	1		   	 		····¦	·····	·1	اا ا		! 1	
Hexachlorobutadiene	345	··· ··· †	ug/Kg	υ	YES		······································	······	······;	· · · · · · · · · · · · · · · · · · ·	ا	! 		······'	!	! I		!	!	
-lexachlorocyclopentadiene	345		ug/Kg	u	YES						!					!				

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<sup>\*</sup> 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

Client Sample ID : E11-119-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872006

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV CV/
Analysis Method : 8270D					Diluti	on: 1														**********
Hexachloroethane	345		ug/Kg	Ų	YES	:							1	1			1			Ī
Indeno(1,2,3-cd)pyrene	345		ug/Kg	U	YES		! I										í	Í		
Isophorone	345		ug/Kg	U	YES						1	1			1		i I		1	
Naphthalene	345		ug/Kg	U	YES							1	1	1	1			 	1	1
Nitrobenzene	345		ug/Kg	U	YES										1 1				1	1
n-Nitrosodi-n-propylamine	345		ug/Kg	U	YES		ĺ												i	i
Pentachlorophenol	345		ug/Kg	υ	YES							j			<u> </u>		]		i	1
Phenanthrene	345		ug/Kg	U	YES		1					}	` 		1	•••••			Ī	i
Phenol	345		ug/Kg	U	YES		1						` 		ii	•••••	i		i	1
Pyrene	345	[	ug/Kg	IJ	YES		· · · · · · · · · · · · · · · · · · ·					 	: 		ii				i I	1

Project Number and Name:

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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

Client Sample ID: E11-119-S2

Lab Report Batch: 31101872

Lab ID ; SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872007 Analysis Type: DL

Sample Matrix: SO

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Tomn	нт	мв	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis		Tune	ŧС	icv	CV/ CCV
Analysis Method : 8260B		27101		- Cuu		ion: 800	Temp		IND.		mo	Dup	Juil	Cont	100013	uc.	Idite	10	icv	
1,1,1,2-Tetrachloroethane	: 847	: :	ид/Кд	U	YES			I	<u> </u>	1	l	i i	1	ŧ			I		1	;
1,1,1-Trichloroethane	847		ug/Kg	U	YES			! 	! 	} I	! 	. <u>!</u>	1 1	! <b></b> !			! 		<u></u>	ļ
1,1,2,2-Tetrachloroethane	847		ug/Kg	U	YES	·}i	!	! !	: 	! 	: ]	 [	! 	! 	!		! 	' <del></del>	 I	1
1,1,2-Trichloroethane	847		ug/Kg	U	YES			<b></b> 	<u>.</u> I	 	<u>.</u> I	}	! [	' 			! 	' 	! 	!
1,1-Dichtoroethane	847		ug/Kg	U	YES					: I	: 	i I	1		!! !			 !	 	! 
1,1-Dichloroethene	847		ug/Kg	Ų	YES	·	·i		! !	<u>/</u> 	! !	! 	1		: 					! 
1,1-Dichloropropene	847		υg/Kg	u	YES		i		: 	/ 	/ 	1 !	! !		:: ]				: I	¦
1,2,3-Trichlorobenzene	847		ug/Kg	U	YES	·			<b>`</b>	<u>.</u>	' 	: 			ii	•			! !	! 
1,2,3-Trichloropropane	847		ug/Kg	υ	YES	1	·····i		` 	: 	: 	' i	'' 						<u>.</u> I	¦ 
1,2,4-Trichlorobenzene	847		ug/Kg	U	YES		·i			 	: }	: 	1		 	******			 	! 
1,2,4-Trimethylbenzene	847		ug/Kg	Ų	YES							; [	!						 I	1
1,2-Dibromo-3-chloropropane	4240		ug/Kg	U	YES		i					: 			!i I i				: 	! !
1,2-Dibromoelhane	847		ug/Kg	U	YES		i			1					İ					i
1,2-Dichtorobenzene	847		ug/Kg	Ų	YES		Ì					i								i
1,2-Dichloroethane	847		ug/Kg	U	YES			1		i							·			
1,2-Dichloropropane	847	;	ug/Kg	U	YES	<u> </u>							i			·i	· · · · · · · · · · · · · · · · · · ·		·	{
1,3,5-Trimethylbenzene	847		ug/Kg	U	YES	. 1									1		1			1
1,3-Dichlorobenzene	847		ug/Kg	U	YES	1	1	Ì									ì			
1,3-Dichloropropane	847	:	ug/Kg	U	YES			1					)			Ì	1			
1,4-Dichierobenzene	847	ĺ	ug/Kg	U	YE3					1		ı	}	i	1	ì	· · · · · · · · · · · · · · · · · · ·		·	
2,2-Dichloropropane	847		ug/Kg	U	YES		1	1	1	·····					1	i				
2-Butanone	21200	;	ug/Kg	U	YES		1	1	1			ĺ		1	}				i	
2-Chlorotoluene	847		ug/Kg	U	YES		1	1		I		1	1	1		Ì	)			
-Hexanone	4240		ug/Kg	U	YES		1	1	1	}	]	1				1				
l-Chlorotoluene	847	ì	ug/Kg	υ	YES	1	1		1	ì		1		1	1	i			1	
i-Isopropyltoluene	847		ug/Kg	U	YES		1	1	ı				1	1	f	1		I		

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<sup>\*</sup> 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

Client Sample ID : E11-119-S2

Lab Sample ID: 31101872007

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: DL

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lah Quai		Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis		Tune	(C	ICV	CCV
Analysis Method : 8260B					Dilutio	on: 800														
4-Methyl-2-pentanone	4240		ug/Kg	U	YES						[		ı				1 1		1	1
Acetone	21200		ug/Kg :	U	YES					 	l i				l		l		: 	
Benzene	847		ug/Kg	υ	YES	}	1		1	1			[						: 	
Bromobenzene	847		ug/Kg	υ	YES						1 1								 	i
Bromochloromelhane	847		ug/Kg	U	YES								1				i		i	i 
Bromodichloromethane	847		ug/Kg	U	YES		1				]	*******							l	i
Bromoform	847		ug/Kg	U	YES		1												[	
Bromomethane	847		ug/Kg	U	YES		1								1					i 
Carbon disulfide	847		ug/Kg	U	YES	1									ì		i			i I
Carbon tetrachloride	847		ug/Kg	U	YES	ĺ	1													
Chlorobenzene	847		ug/Kg	U	YÉS						]		i		1		Ì			1
Chloroethane	847		ug/Kg	U	YES	1			1				j j				i :			i
Chloroform	847	:	ug/Kg	υ	YES		I				}		1					······		
Chloromethane	847		ид/Кд	U	YES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1			· · · · · · i					į	·····		
cis-1,2-Dichloroelhene	847		ug/Kg	U	YES		i							······i			··	· · · · · · · · · · · · · · · · · · ·		
cis-1,3-Dichloropropene	847	;	ug/Kg	U	YES		Ï				1	i					<i></i>	·······		
Dibromochloromelhane	847	;	ug/Kg	U	YES				1			1	i	1	1	Ì	······			
Dibromomelhane	847		ug/Kg	U ;	YES		· · · · · · · · · · · · · · · · · · ·	1	1	I	·····	1		1	i	· · · · · · · · · · · · · · · · · · ·	ì	······		i
Dichlorodifluoromethane	4240		ид/Ко	D.	YES		· · · · · · · · · · · · · · · · · · ·			i	1		}						i	1
Ethyl Benzene	847		ug/Kg	U	YEE				1			Ì	1				Ì	1		· · · · · · · · ·
Hexachlorobutadiene	847		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·	1	1	1			1		1		i		1	·· ·· · · ·	i
sopropylbenzene (Cumene)	047	1	ug/Kg	U	YE3	····	1	J	I	Ì	Ì		1	i	·······		1			i
m,p-Xylene	1690	į	ug/Kg	U	YES				· · · · · · · · · · · · · · · · · · ·	1	1	······i	1		,,,,,,,,;,,	i	·····		·····	i
Wethyl iodide	847		ug/Kg	U	YES	]	i	Ì	1			·····i			·····i	i				
Methylene chloride	4240	1	ug/Kg	υ	YES		i	i							·····i	· · · · · · · · · · · · · · · · · · ·	1	ì	·······!	
Naphthalene	847		ug/Kg	U	YES :	1		·····		1	1	i	1	i	i	········!	i			i

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Client Sample ID : E11-119-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872007

Analysis Type: DL

Sample Matrix: SO

Reviewed By / Date :

#### Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overafi Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCA CA1
Analysis Method : 8260B		***************************************			Diluti	on: 800														
n-Bulylbenzene	847		ug/Kg	U	YES					1		1		\$			l		1	Ī
n-Propylbenzene	847		ug/Kg	U	YES				 	i I	) 	í	1	/ 	j		' 		 	: 
o-Xylene	847		ug/Kg	U	YES				}	ł	<u> </u>	` 	: 				: 		 	: [
sec-Bulylbenzene	847		ug/Kg	Ų	YES					1	ii	} }	! 		i		!		: 	i
Styrene	847		ug/Kg	U	YES				` 	1	!	) 	1	i I	i				<u>.</u> I	! [
terl-Butyl methyl ether (MTBE)	847		ug/Kg	U	YES				` 	/ 	 	: 	: 	: 					/ [	! 
tert-Bulylbenzene	847		ug/Kg	U	YES					: 	: 	<u></u>	: !	: 	!: 				! 	! 
Tetrachioroethene	18000	i i	ug/Kg		YES					 	: !	<u> </u>	: 				·		¦ 	¦
Toluene	847	l i	ug/Kg	U	YES		·······					}			i				: 	¦
trans-1,2-Dichloroethene	847		ug/Kg	U	YES					 					! 	<u>'</u>			: 	i
trans-1,3-Dichloropropene	847		ug/Kg	υ	YES		·i												: ]	: 
trans-1,4-Dichloro-2-bulene	4240		ug/Kg	U	YES		·····i													i
Trichloroethene	186		ид/Кд	J	YES		·i	······					: 			······			'! 	 I
Trichforofluoromethane	847		ug/Kg	U	YES		····· <u>ì</u>	······								! ا				i
Vinyl chloride	847		ug/Kg	U	YES			··'	· · · · · · · · · · · · · · · · · · ·	ئــــــــــــــــــــــــــــــــــــ						······!				:' !

Project Number and Name:

- 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:59

CampCarroll

ADR 8.2

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

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Client Sample ID : E11-119-S2 Sample Date : 07/13/2011

Lab Sample ID: 31101872007

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

2.73	Euror	Units	Qual	res	wuar	Temp	HT	MB	LCS	MS	Dup								
2 73				Dilutie	an. 1	· · · · · · · · · · · · · · · · · · ·					Dup	Surr	Cont	TotDis	w.c	Tune	IC	icv	ccv
	i	mg/kg		YES				1		i :				,					
2.73		mg/kg	, <del>,</del>	YES						!		[						<u> </u>	
86.8		mg/kg		YES		!													
86.8		mg/kg	············	YES										!					
0.823						<u> </u>	•••••			<u></u>						!		!	
		mg/kg		YES		<b>.</b>		!		<u> </u>				<u> </u>					
0.823		mg/kg		YES														<u> </u>	
5,41		mg/kg		YES	J				!		J					!			
5.41		mg/kg		YES	J	! !				l	J							l	
13.7		mg/kg		YES	J	<u> </u>		<u>.</u>		<u></u>	J					*		l	
13.7		mg/kg		YES	<b>J</b>	<u> </u>	]			1	J							l	
2.25		mg/kg	U	YES		11								[	-	Í			
2.25		mg/kg	U	YES		11	1		]	- 1		1	1			1			
1.13		mg/kg	U	YES				-		1		į	1		1	1	}	ĺ	
1.13		mg/kg	U	YES		[ ]	1		]		1				Ī	1		· · · · · · · · · · · · · · · · · · ·	
				Difutio	n: 1					•••••	*								
0.00181		mg/kg	J	YES		1	[	1	-	- 1	I		1	W					
			١	Dilutio	n: 1		**			.,					******				
32.3	- 1	ug/Kg	1	YES ;	j	1 1	1			3	<u>-</u>		Ì		- 1	1		·I	
32.3		ug/Kg	:	YES:	J	1		I	1	J			i		i	i	í	i	
5 23		ug/Kg	a	YES	.,‡	i i	1	1		J	······	1	i			i	· · · · · · · · · · · · · · · · · · ·		
5,23		ug/Kg	J	YES	J		<u>`</u> -	i	i	3	············				·······		·	! 	
11.4		ug/Kg	:	YES	J	i	<u>-</u>	 	i	J	·i	<i>i</i> ,			······i	·	·i		
11.4		ug/Kg		YES	J		<u>/</u>	·····i		J	·i	/, i			······	·	·····'		
10.9		ug/Kg	U .	YES		· · · · · · · · · · · · · · · · · · ·	<del>'</del>	 I	<u>/</u> .	i.	······		!. I						
10.9			, , - , , , , , , ,			· · · · · · · · · · · · · · · · · · ·		······/.						! 		<u>.</u> .	!	!.	•
10.9	··	ug/Kg		YES		·	<u>ا</u>		<u>!</u> -						<u>-</u>				
	1.13 3.00181 32.3 32.3 5.23 5.23 11.4 10.9	1.13	1.13 mg/kg  0.00181 mg/kg  32.3 ug/Kg  32.3 ug/Kg  5.23 ug/Kg  5.23 ug/Kg  11.4 ug/Kg  11.4 ug/Kg  10.9 ug/Kg	1.13 mg/kg U  0.00181 mg/kg J  32.3 ug/Kg  32.3 ug/Kg  5.23 ug/Kg  5.23 ug/Kg J  11.4 ug/Kg  11.4 ug/Kg  10.9 ug/Kg U	1.13 mg/kg U YES  Dilutio  0.00181 mg/kg J YES  Dilutio  32.3 ug/kg YES  32.3 ug/kg YES  5.23 ug/kg J YES  11.4 ug/kg YES  11.4 ug/kg YES  11.4 ug/kg YES  11.4 ug/kg YES	1.13   mg/kg   U   YES   Dilution: 1	1.13   mg/kg   U   YES	1.13	1.13   mg/kg U YES	1.13   mg/kg U YES	1.13   mg/kg U YES	1.13   mg/kg U YES	1.13	1.13	1.13   mg/kg   U   YES	1.13	1.13   mg/kg U YES	1.13	1.13

Project Number and Name:

ت»ر - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2 Report Date: 9/6/2011 08:59
\* Overall result qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

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Client Sample ID: E11-119-S2

Lab Report Batch: 31101872

Sample Date: 07/13/2011 Lab Sample ID: 31101872007

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overati Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Типе	IC	icv	CCV CCV
Analysis Method : 8081				***************************************	Dilutio	n: 1	······································									**********				
alpha-Chlordane	10.9		ug/Kg	U	YES	R	(			1	R		1	1	1			*****************	ì	ī
alpha-Chlordane	10.9		ug/Kg	U	YES :	R					R	· · · · · · · · · · · · · · · · · · ·	1		1	• • • • • • • • • • • • • • • • • • • •			: <b></b>	
beta-8HC	10.9		ug/Kg	U	YES :		!			1		 	l		1				1	1
beta-BHC	10.9		ug/Kg	U	YES					1	į				1	**- *			1	1
Chlordane	36.5		ug/Kg	U	YES	********													 	i
Chlordane	36.5		ug/Kg	U	YES														· · · · · · · · · · · · · · · · · · ·	: [
delta-BHC	10.9		ug/Kg	U	YES												1		i	i
delta-BHC	10.9		ug/Kg	U	YES			••••											 	
Dieldrin	10.9		ug/Kg	U	YES										[				 	i
Dieldrin	10.9		ug/Kg	U	YES												i		/	 
Endosulfan I	10.9	:	ug/Kg	U	YES								i		1		i i			i
Endosullan I	10.9		ug/Kg	ប	YES		ĺ								i					: I
Endosulfan II	10.9		ug/Kg	U	YES				· · · · · · · · · · · · · · · · · · ·						i					: 
Endosulfan II	10.9		ug/Kg	U	YES		1									······	·····			
Endosulfan sulfale	10.9	1	ид/Кд	U	YES				· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		: 		: 1				
Endosulfan sulfate	10.9		ug/Kg	U	YES			······			·		i			1	i			 
Endrin	10.9	:	ug/Kg	υ	YES	· · · · · · · · · · · · · · · · · · ·	1		i						1	ì				 
Endrin	10.9		ug/Kg	U	YES		1	1			1					· · · · · · · · · · · · · · · · · · ·	1			
Endrin aldehyde	10.9	i	ug/Kg	U }	YES	1	i	Î	i	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		·····i	i	i	 [			
Endrin aldehyde	10,9		ug/Kg	Ü	YEE		i	1	ĺ		· · · · · · · · · · · · · · · · · · ·	·····ì		·····i	i	i	· · · · · · · · · · · · · · · · · · ·			
Endrin kelone	10.9		ug/Kg	U	YES		i	1				i	· · · · · · · · · · · · · · · · · · ·			1	1		\\ 	
Endrin kotone	10,9	i	ug/i(g	U	YES			ì	1						i					
gamma-BHC (Lindane)	1.65	:	ug/Kg	J	YES	J		1	1		J	· · · · · · · · · · · · · · · · · · ·	i	! I	·······	t	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	! 	· · · · · · · · · · · · · · · · · · ·	
gamma-BHC (Lindane)	1.65		ug/Kg	J	YES	j		 	1		J	\ 		·······	······i	ا ا		<i>-</i>		
gamma-Chiordane	10.9	1	ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	ì			· · · · · · · · · · · · · · · · · · ·	<u>'</u>		········!		i	· · · · · · · · · · · · · · · · · · ·		· · · · · · · i	
gamma-Chlordane	10.9		ug/Kg	υ	YES		·····i		· · · · · · · · · · · · · · · · · · ·			··· /	i	i	i				!	

Project Number and Name:

- 11-032E Carroll Agent Orange

Library Used: CampCarroll Report Date: 9/6/2011 08:59

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

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Client Sample ID: E11-119-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872007 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overal Quai*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV CCV
Analysis Method : 8081					Diluti	on: 1														
Heplachlor	10.9		ug/Kg	U	YES		1 1				1			1	i i				1	1
Heptachlor	10.9		ug/Kg	υ	YES	;	1		1	1			:	[					i	1
Heptachlor epoxide	10.9		ug/Kg	ប	YES	:						}			1				i	1
Heptachlor epoxide	10.9		ug/Kg	U	YES								 	]	1	*******			 ]	1
Methoxychler	10.9		ug/Kg	U	YES							.					}		i I	İ
Methoxychlor	10,9		ug/Kg	บ	YES		1		1						1		! 		: 	: 
Toxaphene	36.5		ug/Kg	U	YES									• • • • • • • • • • • • • • • • • • • •	ii		· · · · · · · · · · · · · · · · · · ·		 	: l
Toxaphene	36.5		ug/Kg	υ	YES		1			` 					:i	*******	i		<u></u>	: 
Analysis Method : 8151	**			',	Difutio	n: 1	•••••		`	·									·	
2,4,5-T	0.0182		mg/kg	U	YES		] !								1 }		}		i	
2,4,5-TP (Silvex)	0.0182	}	mg/kg	υ	YES										i				 	! [
2,4'-D	0.0182		mg/kg	U	YES							· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		, 					i
2,4-DB	0.0182		mg/kg	U	YES		i i					······	······		i		ئئ ا			I
Dicamba	0.0182		mg/kg	ប	YES						······	· · · · · · · · · · · · · · · · · · ·					·······		·	1
Analysis Method : 8270D					Dilutio	n: 1													٠:	
1,2,4-Trichlorobenzene	361		ug/Kg	U	YES		i i		1	i										
1,2-Dichlorobenzene	361		ug/Kg	U	YES		i i	1	 			1	1			······	·····			[
1,3-Dichlorabenzene	361		ug/Kg	V	YES		1	1			i					········ 1	······i			i
1,4-Dichlorobenzene	361		ug/Kg	U	YES		i	1	· · · · · · · · · · · · · · · · · · ·	······i	· <del>:</del>					· · · · · i		· · · · · · · · · · · · · · · ·	·:	!
2,4,5-Trichlorophenol	361		ug/Kg	· · ·	YFS			1	· · · · · · · · · · · · · · · · · · ·		······	······i				·····i			i	'
2,4,6-Trichiorophenol	361		ug/Kg	v	YES			1	1	i		·····:		· :	ii	·i		· · · · · · · · · · · · · · · · · ·	·i	'
2,4-Dichlorophenol	361		ug/Kg	υ	YES			Î	Ì	· · · · · · · · · · · · · · · · · · ·		·····		·i	1	نا ا	1		<u>:</u> I	
2,4-Dimethylphenol	361		ug/Kg	U	YES	i	······	ì	1	······		:ن			i			<i>:</i> 1	<u>:</u>	
2,4-Dinitrotoluene	361		ug/Kg	U	YES	i	i	ì	i		·······i	i	}	·		!	i	···	! !	
2,6-Dinitrotoluene	361		ug/Kg	υ	YES	:	····i	Ì		ا	······································	<u>-</u>		·		!		<u>'</u>	<u>-</u>	!
2-Chloronaphthalene	361		ug/Kg	U	YES	·	i	\- 				i I	/, 	······!	<u>:</u>	···	<del>-</del>	!ا ا	!! 	!
2-Chloropheno!	361		ug/Kg	U :	YES		<u></u> i	<u>-</u>				····;		·!			٠٠٠٠٠٠١	اا ا	···!	!

Project Number and Name:

ADR 8.2

- 11-032E Carroll Agent Orange

Library Used:

CampCarroll Report Date: 9/6/2011 08:59

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<sup>\*</sup> Overall recuit qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Client Sample ID: E11-119-S2

Sample Date: 07/13/2011 Lab Sample ID: 31101872007 Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis	Fleid QC	Tune	ic	icv	CCV CCV
Analysis Method : 8270D					Dilutio	n: 1														
2-Methylnaphthalene	361	:	ug/Kg	U	YES		1		1			Į			1		1 1		ſ	ī
2-Methylphenol	361		ug/Kg	ย	YES					<u> </u>	1		]						<u>'</u>	!
2-Nitroaniline	361		ug/Kg	U	YES					1	]				j i				: 	
2-Nitrophenol	361		ug/Kg	υ	YES					 					1 1	.,,,,,,,	i		i I	1
3 and/or 4-Methylphenol	361		ug/Kg	U	YES												i i			i
3-Nitroaniline	361		ug/Kg	U	YES					1	1				[		<u>-</u>			: 
4-Bromophenyl phenyl ether	361		ид/Кд	U	YES						1									: ]
4-Chloro-3-methylphenol	361		ug/Kg	U	YES								i		ii					i
4-Chloroaniline	361		ug/Kg	U	YES	:	İ				í				1					i
4-Chlorophenyl phenyl ether	361		ug/Kg	υ	YES		1								i					i
4-Nitroaniline	361		ug/Kg	U	YES															i
4-Nitrophenol	361	;	ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·	i	ĺ								i	· · · · · · · ·			
Acenaphthene	361		ug/Kg	U	YES		1	ĺ				i				·····i	·			
Acenaphthylene	361		ug/Kg	U	YES		1	1				· · · · · · · · · · · · · · · · · · ·	]				·······			
Anthracene	361	;	ug/Kg	V	YES		1	1	1					i		i	·····			
Benzo(a)anthracene	361		ug/Kg	U	YES	ì		l				·····i		····-i	i	·i		i		
Benzo(a)pyrene	361		ug/Kg	U	YES		i	1				Ì		1	i		1			
Benzo(b)fluoranthene	361		ug/Kg	υ	YES	1	· · · · · · · · · · · · · · · · · · ·	1	ĺ			·····i	1	·······		1	······	·····/		
Benzo(g.h.i)perylene	361	:	ng/Kg	0	YES	i	i	1			]	·····i		1	i.	ì	·····		! I	
Benzo(k)fluoranthene	361	:	ug/Kg	U	YCC	i		l				······	:	············	i	········		 ا	· · · · · · · · · · · · · · · · · · ·	! !
Bis(2-Chloroethoxy)methane	361		ug/Kg	U	YES		1	1	1			i			1			· · · · · · · · · · · · · · · · · · ·	i I	
Bis(2-Chloroethyl)ether	361		ug/Kg	U	YES	1		1	ì			1		1		ì			· · · · · · · · · · · · · · · · · · ·	
Bis(2-Chloroisopropyl)elher	361	i	ид/Кд	υ	YES		1	Ì			1	1		· ·	· · · · · · · · ·	1		! I	·····	
Bis(2-Ethylhexyl)phthalate	361		ug/Kg	U	YES	1		Î	1	i	· · · · · · · · · · · · · · · · · · ·			i	i.	······i			·:	! I
Butyl benzyl phthalale	361	:	ug/Kg	Ų	YES		1	Î		1		i		i	i,	······i		· · · · · · · · ·	!	
Chrysene	361	1	ug/Kg	U	YES		i	j	i	1						1	· · · · · · · · · · · · · · · · · · ·	! I		· · · · · · · · · · · · · · · · · · ·

Project Number and Name: i>¿ - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:59

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

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Client Sample ID: E11-119-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872007 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

#### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overail Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	ıc	icv	CC1
Analysis Method : 8270D					Diluti	on: 1													~ //	
Dibenz(a,h)anthracene	361		ug/Kg	U	YES					1		(	i	į	1 1		1 1		[	[
Dibenzofuran	361		ug/Kg	U	YES				]	1	<i>i-</i>	: 		i			i		/ 	:
Diethyl phthalale	361		ug/Kg	U	YES		i I		· · · · · · · · · · · · · · · · · · ·	/ 	: 1	: }	: 	 	ii				 I	i
Dimethyl phthalate	361		ug/Kg	Ü	YES	. ,	1		1	: 	: [	:	:		i i		i		<u>.</u>	1
Di-n-butyl phthalate	361		ug/Kg	Ų	YES				` 	í Í	: 	:	: 	••	į				 1	: 
Di-n-octyl phthalate	361		ug/Kg	U	YES	υJ			` 	UJ		 	` 		i i		 		<u>.</u>	! 
Fluoranthene	361		ug/Kg	U	YES				: 				: 		ii		·		! 	! 
Fluorene	361		ug/Kg	U	YES		İ		` 	 					i i	ì		••••	i I	: 
Hexachlorobenzene	361		ug/Kg	υ	YES		i	 	: 	i							·····		¦ 	: I
Hexachlorobutadiene	361		ug/Kg	U	YES		Ì	 							i	i	·····		: 	<u>:</u>
Hexachlorocyclopentadiene	361		ug/Kg	Ų	YES		1								i :	<del>:</del> 	·····		¦ 	¦ 
Hexachloroethane	361		ug/Kg	U	YES	j	·····i						i		·	······	·		! 	! 
Indeno(1,2,3-cd)pyrene	361		ид/Кд	U	YES			·i					· · · · · · · · · · · · · · · · · · ·		i	······i			! 	 
Isopharone	361		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	·	·		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		!! 	:i	·····		!! [	I
Naphthalene	361		ug/Kg	U	YES		i.	i		······	<u>-</u>			· · · · · · · · · ·		· <u>:</u> 1	<del></del> -			i
Vitrobenzene	361		ug/Kg	U	YES		i	<u>'</u>	·······							·i				
n-Nitrosodi-n-propylamine	361		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·	·······	······			·····i					·······!	· · · · · · · · · · · · · · · · · · ·			
Pentachlorophenol	361		ug/Kg	U	YES		······!	1				' 			:: 	······i			· !	· · · · · · · · · · · · · · · · · · ·
Phenanthrene	361		ug/Kg	U	YES		·······	·····	:i						::: 	······!				
Phenol	361		ug/Kg	v	YES	· · · · · · · i	····i	······	··········		:ن	: ا	······	!		····-i			! 	
Pyrene	361		ยg/Kg	υ;	YES	···· ::					ن ا	! 1	!. !	!					!	

Project Number and Name:

- 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59 \* Overall result qualifier reflects summation of qualifiers added during outemated data review and any qualifiers added manually for categories and assessed by automated data review Page 179 of 233

Client Sample ID : E11-119-S3 Sample Date : 07/13/2011

Lab Report Batch: 31101872

Analysis Type: DL

Lab ID : SGSW

Sample Matrix: SO

Lab Sample ID: 31101872008

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quaf	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	łC	ιcν	CV/ CCV
Analysis Method : 8260B					Diluti	on: 50					······									
1,1,1,2-Tetrachtoroethane	49.3		ug/Kg	Ų	YES	:								}	1				F	1
1,1,1-Trichloroethane	49.3		ug/Kg	U	YES							 			1				i	. <u>:</u>
1,1,2,2-Tetrachioroethane	49.3		ug/Kg	U	YES		1						: 		i				1	1
1,1,2-Trichloroethane	49.3		ug/Kg	U	YES								<u> </u>		i				 	1
1,1-Dichloroethane	49.3		ug/Kg	U	YES		1						 		i			•••••	 ]	·
1,1-Dichloroethene	49.3	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ug/Kg	υ	YES		1						 	' 	:i				: 	1
1,1-Dichloropropene	49.3		ug/Kg	U	YES														: 	1
1,2,3-Trichlorobenzene	49.3		ug/Kg	U	YES						· · · · · · · · · · · · · · · · · · ·				i		······		 	i
1,2,3-Trichloropropane	49.3		ug/Kg	υ	YES		i	i							i		i			i
1,2,4-Trichlorobenzene	49.3		ug/Kg	U	YES		1							******	í Í		·······		: 	i
1,2,4-Trimethylbenzene	49.3		ug/Kg	U	YES	1				ا	·······				ii			• • • • • • • • • • • • • • • • • • • •	/ 	1
1,2-Dibromo-3-chloropropane	246	:	ид/Кд	U	YES		·i	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	i									<u>.</u> 1	1
1,2-Dibromoelhane	49.3		ug/Kg	U	YES				· · · · · · · · · · · · · · · · · · ·	·						····:			: !	! 
1,2-Dichlorobenzene	49.3	· · · · · · · · · · · · · · · · · · ·	ug/Kg	ម	YES		i	1				·····i	·i			· · · · · · · · · · · · · · · · · · ·			<u>.</u>	: !
1,2-Dichloroethane	49.3		ug/Kg	U	YES			Ì	· · · · · · · · ·				1	·i			i			i
1,2-Dichloropropane	49.3		ug/Kg	υ	YES			Ì	i		·····					· · · · · · ·			/	i
1,3,5-Trimethylbenzene	49.3		ug/Kg	U	YES	·····	i	ì	······································	·····	 Î	·····i	··· ··· · · í	· · · · · · · · · i		· · · · · · · · · · · · · · · · · · ·				: 
1,3-Dichlorobenzene	49.3		ug/Kg	U	YES	1	i	.,	1	i		ì				······	·····		i	i
1,3-Dichloropropane	49.3		ug/Ka	U	YES		1	1	1	1	i			· · · · · · i	· · · · · · · · · · · · · · · · · · ·	······································				i I
I,4-Dichlorobenzene	493		ug/Kg	Ų.	YES		· · · · · · · · · · · · · · · · · · ·	ì	·····i		i	i	í.	· · · · · · · · · · · · · · · · · · ·	·····i	·····i	· · · · · · · · · · · · · · · · · · ·			! [
2,2-Dichloropropane	49.3		ug/Kg	U	YES :		· · · · · · · · · · · · · · · · · · ·	Î		Ï	1	······		٠ا		i			· · · · · · · · · · · · · · · · · · ·	i
-Butanone	1230		ug/Kg	ប	YEE		1	1	1	·····	·····	· · · · · · · · · · · · · · · · · · ·		·······		·······				· · · · · · · · · · · · · · · · · · ·
-Chlorotoluene	49.3		ug/Kg	U	YES		·	ì	i		·····i	········		······!	· · · · · · · · · · · · · · · · · · ·			ئ		
-Hexanone	246		ug/Kg	υ	YES		<u>i</u> -	<del>-</del>	/. 			i	<i>),</i> 			<u>'</u> I	<del>-'.</del> -			
-Chlorololuene	49.3		ug/Kg	U	YES	i.	<u> </u> -	<u>/</u> -	······/.			·····i		·····-!		! 		! [	····	
-Isopropylloluene	49.3		ug/Kg	U	YES :	· · · · · · · · · · · · · · · · · · ·	······	·····				·······!						1	í	

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<sup>\*</sup> 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

Client Sample ID: E11-119-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872008

Analysis Type: DL

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quat*		нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ic	ICV	CCV
Analysis Method : 8260B			****		Diluti	on: 50														
4-Methyl-2-pentanone	246		ug/Kg	υ	YES		[		1	1					1 1				1	ī
Acetone	1230		ug/Kg	U	YES		1		 	i	: 	·		/ 	i	!	!		i I	
Benzene	49,3		ug/Kg	U	YES		1		1		: 	` 		<u>'</u>	<u></u>		!		<u>-</u> 	1
Bromobenzene	49.3		ug/Kg	U	YES					]			i	: (	ii		1		: [	1
Bromochloromethane	49,3		ug/Kg	U	YES				`	 	: ]		: · · · · · · · · · · · · · ·	: 	ii		i		 I	i
Bromodichioromethane	49.3		ug/Kg	U	YES				: <i></i>	: 	 		: , , 	]	! <u>}</u>		i i		 I	i
Bromoform	49.3		ug/Kg	υ	YES					 	i 				! 		!i		! I	İ
Bromomethane	49.3		ug/Kg	U	YES					` 	: 	!			ii				: 	i
Carbon disulfide	49.3		ug/Kg	U	YES						!				i		ii		: 	i
Carbon fetrachloride	49.3		ug/Kg	U	YES										!! 				! 1	<del>!</del>
Chlorobenzene	7,39		ug/Kg	J	YES		<u>`</u>												! I	!
Chloroelhane	49.3	·	ug/Kg	U	YES		·········								ii		·i		 	1
Chloroform	49.3		цу/Ку	U	YES		·····i		· · · · · · · · · · · · · · · · · · ·				**********				·		: I	i
Chloromethane	49.3		ug/Kg	U	YES		·i					·i			i					¦
cis-1,2-Dichloroethene	215		ug/Kg	····	YES		· · · · · · · · · · · · · · · · · · ·	··			·i	··········	 ا	<u>\</u>					 I	<u>:</u> I
cis-1,3-Dichloropropene	49.3		ug/Kg	U	YES		<u>:</u>		······/	i	• • • • • • • • • • • • • • • • • • • •	······							! 	¦
Dibromochloromelhane	49.3		ug/Kg	U	YES		······					·····	!	! ]		· · · · · · · · · · · · · · · · · · ·	·····		: 	! 
Dibromomelhane	49.3	·····	ug/Kg	U	YES		!		······································		· · · · · · · · · i	i				! ]				! 
Dichlorodifluoromethane	246		ug/Kg	u	YES				·1			·····i		······!		! 			'	! 
Fihyl Renzene	19.3		ug/Kg	U	YE8		·····i		·······		·····:	:	!	···'		! 				! !
Hexachlorobutadiene	49.3		ug/Kg	υ	YES			·······	······	······/			!	····-i		!,				! I
sopropylbenzene (Cumene)	49.3	;	ug/Kg	Ų	YES		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					!	! !		ا				! !
n,p-Xylene	98.5	······	ug/Kg	U	YES	!	!. I		!		· · · · · · · · · · · · · · · · · · ·	! I		! 1	!.	اا		 ا	!	! I
Methyl iodide	49.3		ug/Kg		YES	••••••! 	!. !	<u>-</u>			٠٠٠٠٠٠١	اا		!! !	!.	! !		ا ا		! !
Methylene chloride	7.88	· · · · · · · · · · · · · · · · · · ·	ug/Kg		YES	!. !					! 	!		!		!		اا	!	(
	49.3	····	ug/Kg		YES	!.	! . I	ا	!				!	1	1	1	1			

Project Number and Name:

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Report Date: 9/6/2011 08:59

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

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Client Sample ID: E11-119-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: DL

Sample Matrix : SO

Lab Sample ID: 31101872008

Reviewed By / Date :

Approved By / Date :

Analyte Name	Resuit	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Qual*	Temp	HT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Типе	iC	ICV	CC/
Analysis Method : 8260B					Dilutio	on: 50														***************************************
n-Butylbenzene	49,3	1	ug/Kg	U	YES					1			1				l			ī
n-Propyibenzene	49.3		ug/Kg	U	YES					1	}	} {	1				i		i 	1
o-Xylene	49.3		ug/Kg	Ų	YES							` Ì	1	i 			1		: 	1
sec-Bulylbenzene	49.3		ug/Kg	U	YES							` 			1		1		l	1
Styrene	49.3		ug/Kg	υ	YES						: 	: 	i I		1				 	i
tert-Butyl methyl ether (MTBE)	49.3		ug/Kg	U	YES						i 	! 			i i					1
tert-Butylbenzene	49.3		ug/Kg	u	YES								1							i
Tetrachloroelhene	34.0		ug/Kg	J	YES		· · · · · · · · · · · · · · · · · · ·								İ					1
Toluene	7.39		ид/Кд	J	YES	į	<u>.</u>		• • • • • • • • • • • • • • • • • • • •											i
trans-1,2-Dichloroethene	49.3		ug/Kg	U	YES	}	1													1
trans-1,3-Dichloropropene	49.3		ug/Kg	U	YES										f					
trans-1,4-Dichloro-2-butene	246		ug/Kg	U	YES		·····													İ
Trichloroethene	49.3		ug/Kg	U	YES										i					i I
Trichlorofluoromethane	49.3		ug/Kg	U	YES		·i	í							İ					i
Vinyl chloride	49.3		ug/Kg	U	YES	1	····· <u>ì</u>	······		· · · · · · · · · · · · · · · · · · ·					ii					1

Project Number and Name:

Yad - 11-032E Carroll Agent Orange

Library Used: Report Date: 9/6/2011 08:59 CampCarroll

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

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