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Method Batch: VXX1783

Analysis Method: 8260B

Analysis Date: 07/16/2011

Preparation Batch: VXX1783

Preparation Type: 5035

Preparation Date: 07/15/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

			Reported Va	Reported Values		Project Limits		nt)
LCS Lab Sample ID	Matrix	Analyte Name	Percent Recovery	RPD	Rejection Point	Lower Limit	Upper Limit	RPD
31245	SO	Bromomethane	132		10.00	75.00	125 00	20.00

Associated Samples					
Client Sample ID	Lab Sample ID				
E11-113-S1	31101872016				
E11-113-S1	31101872016				
E11-113-S2	31101872017				
E11-113-S2	31101872017				
E11-113-S3	31101872018				
E11-113-S3	31101872018				
E11-113-S4	31101872019				
E11-113-S4	31101872019				
E11-114-S1	31101872021				
E11-114-S1	31101872021				
E11-114-S2	31101872022				
E11-114-S2	31101872022				
E11-114-S3	31101872023				
E11-114-S3	31101872023				
E11-114-S4	31101872024				
E11-114-S4	31101872024				
E11-115-S1	31101872027				
E11-115-S1	31101872027				
E11-118-S1	31101872002				
E11-118-S1	31101872002				
E11-119-S1	31101872006				
E11-119-S1	31101872006				
E11-119-S4	31101872009				
E11-119-S4	31101872009				
E11-124-S1	31101872010				
E11-124-S1	31101872010				
E11-124-S2	31101872011				
E11-124-S2	31101872011				
E11-124-S3	31101872012				
E11-124-S3	31101872012				
E11-124-S4	31101872013				
E11-124-S4	31101872013				

Scope of Data Qualification: The outlier in the LCS qualifies that analyte in all samples with the same Preparation Batch ID as the LCS

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

Report Date: 8/22/2011 17:36 560/

Method Batch: VXX1790

Analysis Method: 8260B

Analysis Date: 07/18/2011

Preparation Batch: VXX1790

Preparation Type: 5035

Preparation Date: 07/18/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

			Reported Values		Proje	ct Limits	(Percent)	
LCS Lab Sample ID	Matrix	Analyte Name	Percent Recovery	RPD	Rejection Point	Lower Limit	Upper Limit	RPD
31275	so	Bromomethane	134		10.00	75.00	125.00	20.00
31276		Bromomethane	143	6.5	10.00	75.00	125.00	20.00

	Associated Samples	
Client Sample ID	Lab Sample ID	
E11-115-S2	31101872028	
E11-115-S2	31101872028	
E11-115-S3	31101872029	
E11-115-S3	31101872029	
E11-115-S4	31101872030	
E11-115-S4	31101872030	
E11-116-S1	31101872033	
E11-116-S1	31101872033	
E11-116-S2	31101872034	
E11-116-S2	31101872034	
E11-116-S3	31101872035	
E11-116-S3	31101872035	
E11-116-S4	31101872036	
E11-116-S4	31101872036	
E11-118-S3	31101872004	
E11-118-S3	31101872004	

Scope of Data Qualification: The outlier in the LCS qualifies that analyte in all samples with the same Preparation Batch ID as the LCS

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

Method Batch: VXX1797

Analysis Method: 8260B

Analysis Date: 07/19/2011

Preparation Batch: VXX1797

Preparation Type: 5035

Preparation Date: 07/19/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

			Reported Values	Project Limits (Perc			ent)	
LCS Lab Sample ID	Matrix	Analyte Name	Percent Recovery RPD	Rejection Point	Lower Limit	Upper Limit	RPD	
31543	so	Bromomethane	127	10.00	75.00	125.00	20.00	
31544		Bromomethane	139 9	10.00	75.00	125.00	20.00	

Associated Samples				
Client Sample ID	Lab Sample ID			
E11-118-S4	31101872005			
E11-118-S4	31101872005			

Scope of Data Qualification: The outlier in the LCS qualifies that analyte in all samples with the same Preparation Batch ID as the LCS

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

Method Batch: XXX1541 Preparation Batch: XXX1541

Analysis Method: 8270D Preparation Type: 3541

Analysis Date: 07/18/2011 Preparation Date: 07/17/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

			Reported Values	Proje	Project Limits		ent)
LCS Lab Sample ID	Matrix	Analyte Name	Percent Recovery RPD	Rejection Point	Lower Limit	Upper Limit	RPD
31272	so	Di-n-octyl phthalate	74	10.00	75.00	120.00	60.00
		Hexachlorocyclopentadiene	1827	10.00	55.00	250.00	60.00

	Associated Samples	
Client Sample ID	Lab Sample ID	
E11-113-S1	31101872016	
E11-113-S1	31101872016	
E11-113-S2	31101872017	
E11-113-S2	31101872017	
E11-113-S3	31101872018	
E11-113-S3	31101872018	
E11-113-S4	31101872019	
E11-113-S4	31101872019	
E11-114-S1	31101872021	
E11-114-S1	31101872021	
E11-114-S2	31101872022	
E11-114-S2	31101872022	
E11-118-S1	31101872002	
E11-118-S1	31101872002	
E11-118-S2	31101872003	
E11-118-S2	31101872003	
E11-118-S3	31101872004	
E11-118-S3	31101872004	
E11-118-S4	31101872005	
E11-118-S4	31101872005	
E11-119-S1	31101872006	
E11-119-S1	31101872006	
E11-119-S2	31101872007	
E11-119-S2	31101872007	
E11-119-S3	31101872008	
E11-119-S3	31101872008	
E11-119-S4	31101872009	
E11-119-S4	31101872009	
E11-124-S1	31101872010	
E11-124-S1	31101872010	
E11-124-S2	31101872011	
E11-124-S2	31101872011	
E11-124-S3	31101872012	
E11-124-S3	31101872012	
E11-124-S4	31101872013	
E11-124-S4	31101872013	

Scope of Data Qualification: The outlier in the LCS qualifies that analyte in all samples with the same Preparation Batch ID as the LCS

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

Report Date: 8/22/2011 17:36 5604

Method Batch : XXX1542

Analysis Method: 8270D

Analysis Date: 07/18/2011

Preparation Batch: XXX1542

Preparation Type: 3541

Preparation Date: 07/17/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

			Reported Value	s Proje	Project Limits (Percent			
LCS Łab Sample ID	Matrix	Analyte Name	Percent Recovery RP	Rejection Point	Lower Limit	Upper Limit	RPD	
31274 SO		2,4,5-Trichlorophenol	68	10.00	75.00	120.00	60.00	
		2,4,6-Trichlorophenol	66	10.00	75.00	120.00	60.00	
		2,6-Dinitrotoluene	73	10.00	75.00	120.00	60.00	
		2-Chloronaphthalene	63	10.00	75.00	120.00	60.00	
		2-Nitroaniline	61	10.00	75.00	120.00	60.00	
		4-Nitrophenol	73	10.00	75.00	120.00	60.00	
		Acenaphthylene	70	10.00	75.00	120.00	60.00	
		Dimethyl phthalate	72	10.00	75.00	120.00	60.00	
		Hexachlorocyclopentadiene	1544	10.00	55.00	250.00	60.00	
		Nitrobenzene	131	10.00	75.00	120.00	60.00	

Ass	Associated Samples						
Client Sample ID	Lab Sample ID						
E11-114-S3	31101872023						
E11-114-S3	31101872023						
E11-114-S4	31101872024						
E11-114-S4	31101872024						
E11-115-S1	31101872027						
E11-115-S1	31101872027						
E11-115-S2	31101872028						
E11-115-S2	31101872028						
E11-115-S3	31101872029						
E11-115-S3	31101872029						
E11-115-S4	31101872030						
E11-115-S4	31101872030						
E11-116-S1	31101872033						
E11-116-S1	31101872033						
E11-116-S2	31101872034						
E11-116-S2	31101872034						
E11-116-S3	31101872035						
E11-116-S3	31101872035						
E11-116-S4	31101872036						
E11-116-S4	31101872036						

Scope of Data Qualification: The outlier in the LCS qualifies that analyte in all samples with the same Preparation Batch ID as the LCS

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

Method Batch: VXX1783

Analysis Method: 8260B

Analysis Date: 07/16/2011

Preparation Batch: VXX1783

Preparation Type: 5035

Preparation Date: 07/16/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

				Reporte	d *	Proje	ct Limits	(Percer	ıt)
Client Sample ID	Lab Sample ID	Matrix	Analyte Name	Percent Recovery	RPD	Rejection Point**	Lower Limit	Upper Limit	RPD
31101872013MS	31101872014	so	1,1,2,2-Tetrachloroethane	131	******************	10.00	70.00	130.00	20.00
			1,2,4-Trichlorobenzene	61		10.00	70.00	130.00	20.00
			1,2-Dibromo-3-chloropropane	150		10.00	70.00	130.00	20.00
			2-Butanone	165		10.00	70.00	130.00	20.00
			2-Hexanone	158		10.00	70.00	130.00	20.00
			4-Methyl-2-pentanone	183		10.00	70.00	130.00	20.00
			Styrene	53		10.00	70.00	130.00	20.00
31101872013MSD	31101872015		1,1,2,2-Tetrachioroethane	134		10.00	70.00	130.00	20.00
			1,2,4-Trichlorobenzene	68		10.00	70.00	130.00	20.00
			1,2-Dibromo-3-chloropropane	159		10.00	70.00	130.00	20.00
			2-Butanone	164		10.00	70.00	130.00	20.00
			2-Hexanone	164		10.00	70.00	130.00	20.00
			4-Methyl-2-pentanone	183		10.00	70.00	130.00	20.00
			Styrene	54		10.00	70.00	130.00	20.00

Associated Samples: All samples in Method Batch					
Client Sample ID	Lab Sample ID				
E11-113-S1	31101872016				
E11-113-S1	31101872016				
E11-113-S2	31101872017				
E11-113-S2	31101872017				
E11-113-S3	31101872018				
E11-113-S3	31101872018				
E11-113-S4	31101872019				
E11-113-S4	31101872019				
E11-114-S1	31101872021				
E11-114-S1	31101872021				
E11-114-S2	31101872022				
E11-114-S2	31101872022				
E11-114-S3	31101872023				
E11-114-S3	31101872023				
E11-114-S4	31101872024				
E11-114-S4	31101872024				
E11-115-81	31101872027				
E11-115-S1	31101872027				
E11-118-S1	31101872002				
E11-118-S1	31101872002				
E11-119-S1	31101872006				
E11-119-S1	31101872006				
E11-119-S4	31101872009				
E11-119-S4	31101872009				

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

^{*} Only those Percent Recovery and/or RPD values outside project limits are listed in this report.

** Metal are also assessed against an upper rejection point of 150 percent for waters and 200 percent for soils and sediments

	E11-124-S1	31101872010	
	E11-124-S1	31101872010	
	E11-124-S2	31101872011	
	E11-124-S2	31101872011	
	E11-124-S3	31101872012	
	E11-124-S3	31101872012	
-	E11-124-S4	31101872013	
	E11-124-S4	31101872013	i

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

Report Date: 8/22/2011 17:33 5608

^{*} Only those Percent Recovery and/or RPD values outside project limits are listed in this report.

** Metal are also assessed against an upper rejection point of 150 percent for waters and 200 percent for soils and sediments

Method Batch: VXX1790
Preparation Batch: VXX1790

Analysis Method: 8260B Preparation Type: 5035 Analysis Date: 07/18/2011 Preparation Date: 07/18/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

				Reporte	ed *	Proje	ct Limits	(Percer	ıt)	
Client Sample ID	Lab Sample ID Matrix Analyte Name		Analyte Name	Percent Recovery	RPD	Rejection Point**	Lower Limit	Upper Limit	RPD	
31101872028MS	31606	SO	1,1,2,2-Tetrachloroethane	146		10.00	70.00	130.00	20.00	
1,2,3-Trichloropropan		1,2,3-Trichloropropane	147		10.00	70.00	130.00	20.00		
			1,2-Dibromo-3-chloropropane	162		10.00	70.00	130.00	20.00	
			2-Butanone	170		10.00	70.00	130.00	20.00	
			2-Hexanone	176		10.00	70.00	130.00	20.00	
			4-Methyl-2-pentanone	194		10.00	70.00	130.00	20.00	
			Styrene	31		10.00	70.00	130.00	20.00	

Associated Samples: Al	I samples in Method Batch	
Client Sample ID	Lab Sample ID	
E11-115-S2	31101872028	
E11-115-S2	31101872028	
E11-115-S3	31101872029	
E11-115-S3	31101872029	
E11-115-S4	31101872030	
E11-115-S4	31101872030	
E11-116-S1	31101872033	
E11-116-S1	31101872033	
E11-116-S2	31101872034	
E11-116-S2	31101872034	
E11-116-S3	31101872035	
E11-116-S3	31101872035	ļ
E11-116-S4	31101872036	
E11-116-S4	31101872036	
E11-118-\$3	31101872004	
E11-118-S3	31101872004	

Report Date: 8/22/2011 17:33

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

^{*} Only those Percent Recovery and/or RPD values outside project limits are listed in this report.

^{**} Metal are also assessed against an upper rejection point of 150 percent for waters and 200 percent for soils and sediments

Method Batch: XXX1539
Preparation Batch: XXX1539

Analysis Method: 8081
Preparation Type: 3541

Analysis Date: 07/22/2011 Preparation Date: 07/16/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

Reported * Project Limits (Percent) Percent Rejection Lower Client Sample ID Lab Sample ID Matrix Analyte Name Point*1 Limit RPD Recovery Limit 10.00 31101872013MS 31101872014 SO 4.4'-DDD 199 40.00 140.00 50.00 4.4'-DDD 199 10.00 40.00 140.00 50.00 4,4'-DDE 10.00 40.00 140.00 50.00 142 4,4'-DDE 142 10.00 40.00 140.00 50.00 4,4'-DDT 156 10.00 40.00 140.00 50.00 140.00 4,4'-DDT 156 10.00 40.00 50.00 alpha-BHC 166 10.00 40.00 140.00 50.00 10.00 140.00 50.00 alpha-BHC 166 40.00 alpha-Chlordane 10.00 40.00 140.00 50.00 2.6 50.00 140.00 alpha-Chlordane 2.6 10.00 40.00 beta-BHC 155 10.00 40.00 140.00 50.00 beta-BHC 140.00 155 10.00 40.00 50.00 Dieldrin 141 10.00 40.00 140.00 50.00 Dieldrin 141 10.00 40.00 140.00 50.00 755 10.00 40.00 140.00 50.00 gamma-BHC (Lindane) 10.00 40.00 140.00 50.00 gamma-BHC (Lindane) 755 10.00 140.00 50.00 gamma-Chlordane 155 40.00 gamma-Chlordane 155 10.00 40.00 140.00 50.00 Methoxychlor 168 10.00 40.00 140.00 50.00 140.00 50.00 Methoxychlor 10.00 40.00 168 31101872013MSD 140.00 50.00 31101872015 4,4'-DDD 203 10.00 40.00 4,4'-DDD 203 10.00 40.00 140.00 50.00 4.4'-DDE 149 10.00 40.00 140.00 50.00 140.00 4,4'-DDE 149 10.00 40.00 50.00 10.00 40.00 140.00 50.00 alpha-BHC 166 alpha-BHC 166 10.00 40.00 140.00 50.00 140.00 beta-BHC 154 10.00 40.00 50.00 beta-BHC 140.00 50.00 10.00 40.00 154 Dieldrin 142 10.00 40.00 140.00 50.00 Dieldrin 142 10.00 40.00 140.00 50.00 Endosulfan II 142 10.00 40.00 140.00 50.00 Endosulfan II 142 10.00 40.00 140.00 50.00 10.00 40.00 140.00 50.00 gamma-BHC (Lindane) 554 554 10.00 40.00 140.00 50.00 gamma-BHC (Lindane) Methoxychlor 151 10.00 40.00 140.00 50.00 10.00 40.00 140.00 50.00 Methoxychlor 151

Associated Samples: Al	l samples in Method Batch
Client Sample ID	Lab Sample ID
E11-113-S1	31101872016

^{*} Only those Percent Recovery and/or RPD values outside project limits are listed in this report.

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

^{**} Metal are also assessed against an upper rejection point of 150 percent for waters and 200 percent for soils and sediments

E11-113-S1 31101872016 E11-113-S2 31101872017 E11-113-S2 31101872018 E11-113-S3 31101872018 E11-113-S4 31101872019 E11-113-S4 31101872019 E11-114-S1 31101872021 E11-114-S1 31101872021 E11-114-S2 31101872022 E11-118-S1 31101872022 E11-118-S1 31101872002 E11-118-S2 31101872003 E11-118-S2 31101872003 E11-118-S3 31101872004 E11-118-S3 31101872004 E11-118-S4 31101872005 E11-119-S3 31101872005 E11-119-S1 31101872006 E11-119-S2 31101872007 E11-119-S3 31101872007 E11-119-S4 31101872009 E11-119-S4 31101872009 E11-119-S4 31101872010 E11-124-S1 31101872010 E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S4 31101872012 <td< th=""><th>***************************************</th><th></th></td<>	***************************************	
E11-113-S2 31101872017 E11-113-S3 31101872018 E11-113-S4 31101872019 E11-113-S4 31101872019 E11-114-S1 31101872021 E11-114-S1 31101872022 E11-114-S2 31101872022 E11-118-S1 31101872002 E11-118-S1 31101872002 E11-118-S2 31101872002 E11-118-S3 31101872003 E11-118-S3 31101872004 E11-118-S4 31101872004 E11-118-S4 31101872005 E11-119-S1 31101872005 E11-119-S1 31101872006 E11-119-S1 31101872006 E11-119-S2 31101872007 E11-119-S2 31101872007 E11-119-S3 31101872007 E11-119-S4 31101872008 E11-119-S4 31101872009 E11-119-S4 31101872009 E11-119-S4 31101872009 E11-124-S1 31101872009 E11-124-S1 31101872010 E11-124-S2 31101872010 E11-124-S2 31101872010 E11-124-S3 31101872010 E11-124-S3 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012		
E11-113-S3 E11-113-S3 S1101872018 E11-113-S4 E11-113-S4 S1101872019 E11-114-S1 E11-114-S1 S1101872021 E11-114-S2 S1101872022 E11-114-S2 S1101872022 E11-118-S1 S1101872002 E11-118-S1 S1101872003 E11-118-S2 S1101872003 E11-118-S3 S1101872004 E11-118-S3 S1101872004 E11-118-S4 S1101872005 E11-118-S4 S1101872006 E11-119-S1 S1101872006 E11-119-S1 S1101872007 E11-119-S2 S1101872007 E11-119-S2 S1101872008 E11-119-S3 S1101872009 E11-119-S4 S1101872009 E11-119-S4 S1101872009 E11-119-S4 S1101872009 E11-124-S1 S1101872010 E11-124-S2 S1101872010 E11-124-S3 S1101872010 E11-124-S3 S1101872011 E11-124-S3 S1101872012	E11-113-S2	31101872017
E11-113-S3 E11-113-S4 E11-113-S4 E11-113-S4 E11-114-S1 E11-114-S1 E11-114-S1 E11-114-S2 E11-114-S2 E11-118-S1 E11-118-S1 E11-118-S2 E11-118-S2 E11-118-S3 E11-118-S3 E11-118-S4 E11-118-S4 E11-119-S1 E11-119-S1 E11-119-S1 E11-119-S1 E11-119-S1 E11-119-S1 E11-119-S2 E11-119-S2 E11-119-S2 E11-119-S2 E11-119-S2 E11-119-S2 E11-119-S2 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S4 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S4	E11-113-S2	31101872017
E11-113-S4 E11-113-S4 E11-113-S4 E11-114-S1 E11-114-S1 E11-114-S1 E11-114-S2 E11-114-S2 E11-118-S1 E11-118-S1 E11-118-S2 E11-118-S2 E11-118-S3 E11-118-S4 E11-118-S4 E11-119-S1 E11-119-S1 E11-119-S1 E11-119-S2 E11-119-S2 E11-119-S2 E11-119-S3 E11-119-S3 E11-119-S4 E11-119-S4 E11-119-S4 E11-119-S4 E11-124-S1 E11-124-S2 E11-124-S3 E11-124-S4	E11-113-S3	31101872018
E11-113-S4 E11-114-S1 E11-114-S1 E11-114-S1 E11-114-S2 E11-114-S2 E11-114-S2 E11-118-S1 E11-118-S1 E11-118-S2 E11-118-S2 E11-118-S3 E11-118-S4 E11-118-S4 E11-119-S1 E11-119-S2 E11-119-S2 E11-119-S2 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S2 E11-119-S3 E11-119-S2 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S4 E11-119-S4 E11-119-S4 E11-119-S4 E11-119-S4 E11-119-S4 E11-119-S4 E11-124-S1 E11-124-S2 E11-124-S3 E11-124-S4	E11-113-S3	31101872018
E11-114-S1 31101872021 E11-114-S2 31101872022 E11-114-S2 31101872022 E11-118-S1 31101872002 E11-118-S1 31101872002 E11-118-S2 31101872003 E11-118-S2 31101872003 E11-118-S3 31101872004 E11-118-S3 31101872004 E11-118-S4 31101872005 E11-119-S1 31101872006 E11-119-S1 31101872006 E11-119-S2 31101872007 E11-119-S2 31101872007 E11-119-S3 31101872008 E11-119-S4 31101872008 E11-119-S4 31101872009 E11-119-S4 31101872009 E11-124-S1 31101872009 E11-124-S1 31101872010 E11-124-S2 31101872010 E11-124-S2 31101872010 E11-124-S2 31101872011 E11-124-S3 31101872012	E11-113-S4	31101872019
E11-114-S1 31101872022 E11-114-S2 31101872022 E11-118-S1 31101872002 E11-118-S1 31101872002 E11-118-S2 31101872003 E11-118-S2 31101872003 E11-118-S3 31101872004 E11-118-S3 31101872004 E11-118-S4 31101872005 E11-119-S1 31101872006 E11-119-S1 31101872007 E11-119-S2 31101872007 E11-119-S2 31101872007 E11-119-S3 31101872008 E11-119-S4 31101872008 E11-119-S4 31101872009 E11-119-S4 31101872009 E11-124-S1 31101872010 E11-124-S1 31101872010 E11-124-S1 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012	E11-113-S4	31101872019
E11-114-S2 31101872022 E11-118-S1 31101872002 E11-118-S1 31101872002 E11-118-S2 31101872003 E11-118-S2 31101872003 E11-118-S3 31101872004 E11-118-S3 31101872004 E11-118-S4 31101872005 E11-119-S1 31101872006 E11-119-S1 31101872007 E11-119-S2 31101872007 E11-119-S2 31101872007 E11-119-S3 31101872008 E11-119-S3 31101872008 E11-119-S4 31101872009 E11-119-S4 31101872009 E11-124-S1 31101872010 E11-124-S1 31101872010 E11-124-S1 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S3 31101872012	E11-114-S1	31101872021
E11-114-S2 E11-118-S1 E11-118-S1 E11-118-S1 E11-118-S2 E11-118-S2 E11-118-S3 E11-118-S3 E11-118-S4 E11-119-S1 E11-119-S2 E11-119-S2 E11-119-S3 E11-119-S3 E11-119-S3 E11-119-S4 E11-119-S4 E11-119-S4 E11-124-S1 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S4 E11-124-S3 E11-124-S4 E11-124-S3 E11-124-S4 E11-124-S4 E11-124-S4 E11-124-S3 E11-124-S3 E11-124-S4 E11-124-S4 E11-124-S4 E11-124-S4 E11-124-S4 E11-124-S4 E11-124-S4 E11-124-S3 E11-124-S4	E11-114-S1	31101872021
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E11-118-S3 31101872004 E11-118-S4 31101872005 E11-119-S1 31101872006 E11-119-S1 31101872007 E11-119-S2 31101872007 E11-119-S3 31101872008 E11-119-S3 31101872008 E11-119-S4 31101872009 E11-119-S4 31101872009 E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S2 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872012 E11-124-S4 31101872013	E11-118-S2	31101872003
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E11-118-S4 E11-119-S1 E11-119-S1 E11-119-S1 E11-119-S2 E11-119-S2 E11-119-S3 E11-119-S3 E11-119-S4 E11-119-S4 E11-124-S1 E11-124-S2 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S4 E11-124-S3 E11-124-S4 E11-124-S3 E11-124-S4 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S4 E11-124-S4 E11-124-S3 E11-124-S3 E11-124-S3 E11-124-S4	E11-118-S3	31101872004
E11-119-S1 31101872006 E11-119-S1 31101872007 E11-119-S2 31101872007 E11-119-S3 31101872008 E11-119-S3 31101872008 E11-119-S4 31101872009 E11-124-S1 31101872010 E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-118-S4	31101872005
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E11-119-S2 31101872007 E11-119-S3 31101872008 E11-119-S3 31101872008 E11-119-S4 31101872009 E11-124-S1 31101872010 E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872012 E11-124-S4 31101872013	E11-119-S1	31101872006
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E11-119-S4 31101872009 E11-119-S4 31101872009 E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-119-S3	31101872008
E11-119-S4 31101872009 E11-124-S1 31101872010 E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-119-S3	31101872008
E11-124-S1 31101872010 E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-119-S4	31101872009
E11-124-S1 31101872010 E11-124-S2 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-119-S4	31101872009
E11-124-S2 31101872011 E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-124-S1	31101872010
E11-124-S2 31101872011 E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-124-S1	31101872010
E11-124-S3 31101872012 E11-124-S3 31101872012 E11-124-S4 31101872013	E11-124-S2	31101872011
E11-124-S3 31101872012 E11-124-S4 31101872013	E11-124-S2	31101872011
E11-124-S4 31101872013	E11-124-S3	31101872012
	E11-124-S3	31101872012
E11-124-S4 31101872013	E11-124-S4	31101872013
	E11-124-S4	31101872013

Report Date: 8/22/2011 17:33

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

^{*} Only those Percent Recovery and/or RPD values outside project limits are listed in this report.

** Metal are also assessed against an upper rejection point of 150 percent for waters and 200 percent for soils and sediments

Method Batch: XXX1541
Preparation Batch: XXX1541

Analysis Method: 8270D Preparation Type: 3541 Analysis Date: 07/18/2011 Preparation Date: 07/17/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

Reported * Project Limits (Percent) Percent Rejection Lower Upper Client Sample ID Lab Sample ID Matrix Analyte Name Recovery Point** Limit Limit RPD 31101872013MS 31101872014 Hexachlorocyclopentadiene 1892 10.00 45.00 135.00 60.00 1788 10.00 31101872013MSD Hexachlorocyclopentadiene 45.00 135.00 60.00 31101872015

Associated Samples: A	II samples in Method Batch
Client Sample ID	Lab Sample ID
E11-113-S1	31101872016
E11-113-S1	31101872016
E11-113-S2	31101872017
E11-113-S2	31101872017
E11-113-S3	31101872018
E11-113-S3	31101872018
E11-113-S4	31101872019
E11-113-S4	31101872019
E11-114-S1	31101872021
E11-114-S1	31101872021
E11-114-S2	31101872022
E11-114-S2	31101872022
E11-118-S1	31101872002
E11-118-S1	31101872002
E11-118-S2	31101872003
E11-118-S2	31101872003
E11-118-S3	31101872004
E11-118-S3	31101872004
E11-118-S4	31101872005
E11-118-S4	31101872005
E11-119-S1	31101872006
E11-119-S1	31101872006
E11-119-S2	31101872007
E11-119-S2	31101872007
E11-119-S3	31101872008
E11-119-S3	31101872008
E11-119-S4	31101872009
E11-119-S4	31101872009
E11-124-S1	31101872010
E11-124-S1	31101872010
E11-124-S2	31101872011
E11-124-S2	31101872011
E11-124-S3	31101872012
E11-124-S3	31101872012
E11-124-S4	31101872013
E11-124-S4	31101872013

^{*} Only those Percent Recovery and/or RPD values outside project limits are listed in this report.

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

^{**} Metal are also assessed against an upper rejection point of 150 percent for waters and 200 percent for soils and sediments

Method Batch: XXX1542 Preparation Batch: XXX1542

Analysis Method: 8270D Preparation Type: 3541

Analysis Date: 07/19/2011

Lab Reporting Batch: 31101872

Lab ID: SGSW

Preparation Date: 07/17/2011

		Reported *	Proje	ct Limits	(Percen	it)		
Client Sample ID	Lab Sample ID	Matrix	Analyte Name	Percent Recovery RPD	Rejection Point**	Lower Limit	Upper Limit	RPD
31101872024MS	31101872025	so	Hexachlorocyclopentadiene	3236	10.00	45.00	135.00	60.00
31101872024MSD	31101872026		Hexachlorocyclopentadiene	3214	10.00	45.00	135.00	60.00

Associated Samples: Al	I samples in Method Batch	
Client Sample ID	Lab Sample ID	
E11-114-S3	31101872023	
E11-114-S3	31101872023	
E11-114-S4	31101872024	
E11-114-S4	31101872024	
E11-115-S1	31101872027	
E11-115-S1	31101872027	
E11-115-S2	31101872028	
E11-115-S2	31101872028	
E11-115-S3	31101872029	
E11-115-S3	31101872029	
E11-115-S4	31101872030	
E11-115-S4	31101872030	
E11-116-S1	31101872033	
E11-116-S1	31101872033	
E11-116-S2	31101872034	
E11-116-S2	31101872034	
E11-116-S3	31101872035	
E11-116-S3	31101872035	
E11-116-S4	31101872036	
E11-116-S4	31101872036	

^{*} Only those Percent Recovery and/or RPD values outside project limits are listed in this report.

** Metal are also assessed against an upper rejection point of 150 percent for waters and 200 percent for soils and sediments

Surrogate Recovery Outlier Report*

*Excludes samples diluted more than 20x

Surrogate Recovery Outlier Report

Lab Report Batch: 3	ab Report Batch: 31101872								Lab ID: SGSW								
Client Sample ID	Lab Sample ID	Analysis Method	Dilutio	on Matrix	c Surrogate	Percent Recovery	Lower	terla (per Upper Limit	cent) Reject Point	Associated Target Analytes							
31101872013MSD	31101872015	8151	1	so	DCAA	186	35.0	135.0	10.0	All Target							
31101872030MS	31101872031	8151	1	so	DCAA	193	35.0	135.0	10.0	All Target							
E11-113-83	31101872018	8081	20	so	Dibutylchlorendate	140	30.0	139.0	10.0	All Target							

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

ADR 8.2

Report Date: 9/1/2011 18:34

Laboratory Duplicate RPD Outlier Report

Laboratory Duplicate RPD Outlier Report

Method Batch: MXX1361 Lab Reporting Batch: 31101872 Analysis Method: 6010C

Lab ID: SGSW

Analysis Date: 07/19/2011

Client Sample ID	Lab Sample ID	Matrix	Analyte Name	Reported RPD	Project Limit RPD
31101872019DUP	31284	so	Chromium	74	20.00
		SO Chromium Chromium		74	20.00
			Lead	36	20.00
			Lead	36	20.00

Associated Samples: All	samples in Method Batch	
Client Sample ID	Lab Sample ID	
E11-113-S1	31101872016	
E11-113-S2	31101872017	
E11-113-S3	31101872018	
E11-113-S4	31101872019	
E11-118-S1	31101872002	
E11-118-S2	31101872003	
E11-118-S3	31101872004	
E11-118-S4	31101872005	
E11-119-S1	31101872006	
E11-119-S2	31101872007	
E11-119-S3	31101872008	
E11-119-S4	31101872009	
E11-124-S1	31101872010	
E11-124-S2	31101872011	
E11-124-S3	31101872012	
E11-124-S4	31101872013	

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

ADR 8.2

Sample Qualification Report

Includes laboratory qualification flags and overall final validated flags with the reason(s) for the flags.

Client Sample ID: 31101872013MS

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date:

Analysis Type: DL

Sample Matrix : SO

Lab Sample ID: 31101872014

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overafi Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	ıc	icv	CCA CA1
Analysis Method : 8081					Diluti	on: 50														
Chlordane	1620	;	ug/Kg	U		:	l	1]		l						l	II
Chlordane	1620		ug/Kg	U				1	l										<u> </u>	<u> </u>
Toxaphene	1620		ug/Kg	U					l	1							1		l	<u> </u>
Toxaphene	1620		ug/Kg	ย			[I							l		<u>.</u>		1	<u> </u>

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

Library Used:

Report Date: 9/6/2011 08:58

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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: 31101872024MS

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date:

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872025

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	1C	icv	CCA CA1
Analysis Method : 8081					Diluti	on: 1														
Chlordane	34.3		ug/Kg	U	<u>;</u>	1				1	l	Ĺ	l			l	l		1	
Chlordane	34.3		ug/Kg	U									ļ				l		J,	
Toxaphene	34.3		ug/Kg	U				1					1							<u> </u>
Тохарћепе	34.3		ug/Kg	V										1	1		[<u> </u>	

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

Library Used:

CampCarroll

Report Date: 9/6/2011 08:58 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 2 of 233



Client Sample ID : E11-113-S1

Sample Date : 07/13/2011 Lab Sample ID: 31101872016 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		Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ic	tCV	CCA
Analysis Method : 6010C					Diluti	on:1														
Arsenic	6.82		mg/kg		YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>		<u> </u>	ļ	<u> </u>	<u> </u>	
Arsenic	6.82		mg/kg		YES			l	<u> </u>	<u> </u>	<u> </u>	l	l	<u> </u>		<u> </u>	l	<u> </u>	<u> L</u>	l
Barium	87.2		mg/kg		YES			1	1		<u> </u>	<u> </u>	l,	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	l
Barium	87.2		mg/kg		YES			<u> </u>	<u> </u>	1		<u> </u>	1	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Cadmium	0.904		mg/kg		YES			<u> </u>	Į.,	1	ļ	<u> </u>	l	<u> </u>		<u> </u>	<u> </u>	l	1	
Cadmium	0.904		mg/kg		YES			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	l	ļ	
Chromium	5,69		mg/kg		YES	J		l	<u> </u>	ļ <u>.</u>	<u> </u>	J	!	<u> </u>	l		<u> </u>	<u> </u>	ļ	
Chromium	5.69		mg/kg		YES	J		l	<u> </u>	<u> </u>	<u> </u>	J		<u> </u>	l		l	<u> </u>	ļ	
Lead	15.5		mg/kg		YES	J		l	<u> </u>	<u> </u>	<u> </u>	J	<u> </u>		l	<u> </u>	l	<u> </u>	ļ	ļ
Lead	15.5		mg/kg		YES	J		l	l	<u> </u>	<u>!</u>	J	ļ		<u> </u>	<u> </u>	ļ	<u> </u>	ļ	ļ
Selenium	1.92		mg/kg	U	YES		.,,	<u> </u>	<u> </u>	<u> </u>	Ĺ	<u> </u>		<u> </u>	l	İ	<u> </u>	ļ	<u> </u>	
Selenium	1.92		mg/kg	U	YES			<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ	l	<u> </u>	<u> </u>		ļ	<u></u>	Į	ļ
Silver	0.958		mg/kg	U	YES			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	l	l	<u> </u>		ļ	ļ	ļ	ļ
Silver	0.958		mg/kg	U	YES			<u> </u>	<u> </u>	<u> </u>	<u> </u>	l,	l		l	ļ	ļ	Ĺ	J	<u> </u>
Analysis Method : 7471B					Dlluti	on: 1														
Mercury	0.00143		mg/kg	J	YES	<u> </u>		<u> </u>	<u> </u>	ļ	<u>L</u>	İ	l	ļ			ļ	<u> </u>	<u> </u>	l
Analysis Method : 8081					Diluti	on: 1														
4,4'-DDD	3.31		ug/Kg	j	YES	J		<u> </u>	<u> </u>	1	J	<u> </u>	ļ	ļ	ļ	<u>.</u>	ļ	<u> </u>	ļ	ļ
4,4'-DDD	3.31	<u>į</u>	ug/Kg	J	YES	J		<u> </u>		1	J	<u> </u>	l	<u> </u>	ļ		<u> </u>	<u>!</u>	<u>ļ</u>	Į
4,4'-DDE	8.42		ug/Kg	J	YES	J		<u> </u>	<u> </u>	<u> </u>	J	ļ <u></u>	<u> </u>	!	<u> </u>		<u> </u>	<u>!</u>	<u> </u>	<u> </u>
4,4'-DDE	8.42		ug/Kg	J	YES	J		<u> </u>	<u> </u>	<u> </u>	J	ļ <i></i>	1	<u> </u>	<u> </u>		<u> </u>	<u> </u>	ļ	<u> </u>
4.4'-DDT	35.6		ug/Kg		YES	J		<u> </u>		<u> </u>	J	<u> </u>	1	<u> </u>	<u> </u>		ļ	<u> </u>	ļ	<u> </u>
4,4'-DDT	35.6		ug/Kg		YES	J		ļ	<u> </u>	<u> </u>	J	<u> </u>	<u> </u>	<u> </u>	ļ	<u></u>	ļ	<u> </u>	ļ	ļ
Aldrin	10.2		ug/Kg	U	YES			ļ	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	<u> </u>	<u> </u>	l	ļ	<u> </u>	ļ	!
Aldrin	10.2		ug/Kg	U	YES			<u> </u>	ļ	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	1	ļ	<u> </u>	ļ	ļ
alpha-BHC	10.2		ug/Kg	U	YES			<u> </u>	<u> </u>	<u>!</u>	<u> </u>	<u> </u>	1		ļ	1	<u> </u>	ļ	<u> </u>	ļ
alpha-BHC	10.2	[ug/Kg	U	YES			1		1		l	1		1	<u> </u>	ļ	<u> </u>	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: E11-113-S1 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872016

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 CA1
Analysis Method : 8081					Dilutio	on: 1										 			
alpha-Chlordane	10.2		ug/Kg	U	YES	R			1	l	R		1			 l		J	1
alpha-Chlordane	10.2		ug/Kg	U	YES	R			1		R		<u> </u>		1	 [J	1,
beta-8HC	10.2		ug/Kg	U	YES				1				Ĺ	į	1	 <u> </u>]	I
bela-BHC	10.2		ug/Kg	U	YES	ļ	1		l	1			1	l	1			<u> </u>	<u> </u>
Chlordane	33.9		ug/Kg	U	YES					1	!				1	 l		<u> </u>	<u> </u>
Chlordane	33.9		ug/Kg	U :	YES	-			[}								1
delta-BHC	10.2		ug/Kg	U	YES														
delta-BHC	10.2		ug/Kg	U	YES														
Dieldrin	10.2		ug/Kg	U	YES	ĺ		*	1	1					l i				
Dieldrin	10.2		ug/Kg	U	YES					[
Endosulfan I	10.2		ug/Kg	U	YES											 			
Endosulfan I	10.2		ug/Kg	U	YES								i			 			
Endosulfan II	10.2		ug/Kg	U	YES		1				.,			,	[[
Endosulfan II	10.2	;	ug/Kg	υ	YES	,,,,,,,,	ĺ			i]]			1	
Endosulfan sulfale	10.2		ид/Кд	υ	YES	1	ì												
Endosulfan sulfale	10.2		ug/Kg	U	YES														
Endrin	10.2		ug/Kg	U	YES	1													1
Endrín	10.2	;	ug/Kg	U	YES	į						ı			1	 ì		1	
Endrin aldehyde	10.2		ug/Kg	U	YES		1									 			1
Endrin aldehyde	10.2		ug/Kg	υ	YES										l i			1	1
Endrin ketone	10.2		ug/Kg	ប	YES	1	Ì]i			1	
Endrin ketone	10.2		ug/Kg	u	YES	1						[1	
gamma-BHC (Lindane)	1.33	•	ug/Kg	J	YES	J					j	1				{		1	
gamma-BHC (Lindane)	1.33		ug/Kg	J	YES	J		1			J					1		İ	·
gamma-Chlordane	10.2	:	ug/Kg	υ	YES	1	1	1		1		I				,		1	1
gamma-Chiordane	10.2		ид/Кд	ប	YES	1	1	1		·····						 Ì			

Project Number and Name:

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Report Date: 9/6/2011 08:58 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 : E11-113-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872016 Analysis Type: RES

Sample Matrix : SO

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	Field QC	Tune	ıc	ICV	CCV CCV
Analysis Method : 8081				/AA/AAA	Difutio	on: 1														
Heptachlor	10.2		ug/Kg	Ų	YES				l		<u> </u>	<u> </u>	l	<u> </u>	<u> </u>		<u> </u>		<u> </u>	ļ
Heptachior	10.2		ug/Kg	υ	YES				<u>[</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1		<u> </u>		J	l
Heptachlor epoxide	10.2		ug/Kg	U	YES				<u> </u>	1		<u> </u>	<u> </u>	<u> </u>	1	-	<u> </u>		<u>]</u>	1
Heptachlor epoxide	10.2		ug/Kg	U	YES				l			<u> </u>	<u> </u>	<u> </u>]		<u> </u>		<u> </u>	<u> </u>
Methoxychlor	1.27		ug/Kg	JP	YES	J			l	1	J	<u> </u>		1	<u> </u>		<u> </u>		<u> </u>	1
Melhoxychlor	1.27	;	ug/Kg	JP	YES	J			l	1	J	<u> </u>		1	1		<u> </u>		<u> </u>	1
Toxaphene	33,9	;	ug/Kg	U	YES				l	1		<u> </u>	l	1	1				<u> </u>	l
Toxaphene	33.9		ug/Kg	U	YES							l			1				<u> </u>	1
Analysis Method : 8151					Diluti	on: 1												,		
2,4,5·T	0.0170		mg/kg	U	YES				l	1	1	ļ		1	1		<u> </u>		<u> </u>	1
2,4,5-TP (Silvex)	0.0170		mg/kg	U	YES				l		1	ļ		1	<u> </u>		<u> </u>		J	<u> </u>
2,4-D	0.0170		mg/kg	U	YES					1		1	l	<u> </u>	J		!		<u> </u>	<u> </u>
2,4-DB	0.0170		mg/kg	ប	YES					l	<u> </u>	}		J	<u> </u>		l		<u> </u>	l
Dicamba	0.0170		mg/kg	U	YES						ļ]]		l I		<u> </u>	1
Analysis Method : 8260B					Dilutio	on: 1														
1,1,1,2-Telrachioroethane	4.63		ug/Kg	U	YES	,				1		<u> </u>		<u> </u>					<u> </u>	<u> </u>
1,1,1-Trichloroethane	4.63		ug/Kg	U	YES									 	<u> </u>		<u> </u>		<u> </u>	<u> </u>
1,1,2,2-Tetrachioroethane	4.63		ug/Kg	U	YES						ļ			J 	<u> </u>		<u> </u>		<u> </u>	<u> </u>
1,1,2-Trichloroelhane	4.63		ug/Kg	Ų	YES								<u> </u>	l	1		<u> </u>		<u> </u>	<u> </u>
1,1-Dichloroethane	4.63		ug/Kg	Ų	YES					1				1	1		l		1	<u> </u>
1,1-Dichloroelhene	4.63		ug/Kg	υ	YES						}			l	I		l		J	<u> </u>
1,1-Dichloropropene	4.63		ug/Kg	V	YES									i	I		<u> </u>		J	<u> </u>
1,2,3-Trichlorobenzene	4.63		ug/Kg	υ	YES					[1	1				<u> </u>	<u> </u>
1,2,3-Trichloropropane	4.63		ug/Kg	ឋ	YES		i				(1	1				1	<u> </u>
1,2,4-Trichlorobenzene	4.63		иу/Ку	U	YES	ប្ប	i				เป			1					1	1
1,2,4-Trimethylbenzene	4.63		ug/Kg	U	YES									1					1	1
1,2-Dibromo-3-chloropropane	2/.8		ug/Kg	U	YES		1					1		[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 : E11-113-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872016 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	(C	icv	CCV
Analysis Method : 8260B					Dilutio	n: 1		,												
1,2-Dibromoethane	4.63		ug/Kg	υ	YES							l		1	<u> </u>		1		1	<u> </u>
1,2-Dichlorobenzene	4.63		ug/Kg	U	YES				1	l										
1,2-Dichloroethane	4.63		ug/Kg	Ü	YES	1			1	1					<u> </u>					1
1,2-Dichloropropane	4.63		ид/Кд	U	YES	Ì	J		ļ						<u> </u>					1
1,3,5-Trimethylbenzene	4.63		ug/Kg	U	YES					1					<u> </u>					1
1,3-Dichlorobenzene	4.63		ug/Kg	Ų	YES				[<u> </u>				1	1
1,3-Dichloropropane	4.63		ug/Kg	U	YES	ĺ							l	l	II					1
1,4-Dichlorobenzene	4.63		ug/Kg	U	YES									1					1	[
2,2-Dichloropropane	4.63		ug/Kg	บ	YES														1	[
2-Bulanone	23.1		ug/Kg	U	YES	1]				<u> </u>	<u> </u>
2-Chlorotoluene	4.63		ug/Kg	U	YES										}		1		<u> </u>	
2-Hexanone	11.6		ug/Kg	U	YES												1		1	1
4-Chlorololuene	4.63		ug/Kg	U	YES	1	1						ļ		i i				1	1
4-Isopropyltoluene	4.63		ug/Kg	U	YES	1	1	.,,											1	
4-Methyl-2-penlanone	11.6		ug/Kg	U	YES :								}		1		-			
Acelone	26.0		ug/Kg	J	YES		· · · · · · · · · · · · · · · · · · ·							,,,,,,,,,	{		1		ĺ	1
Benzene	4.63		ug/Kg	U	YES	1									[]		j		ļ	ļ
Bromobenzene	4.63		ug/Kg	U	YES	1						1			1 . 1	- 1	1			1
Bromochloromethane	4.63		ug/Kg	U	YES	i	1				i		- 1							1
Bromodichloromethane	4.63	ĺ	ug/Kg	U	YES	1					į		1							1
Bromoform	4.63		ug/Kg	U	YES						{		;			I	I			
Bromomethane	4.63		ug/Kg	U	YES]			i		f	į		1					
Carbon disulfide	4.63	i	ug/Kg	U	YES							ii ji			l					1
Carbon tetrachloride	4.63	:	ug/Kg	U	YES	1			1			1							1	
Chlorobenzene	4.63		ug/Kg	U	YES	1	1	Î		}		1				1	1		1	1
Chloroethane	4.63	1	ug/Kg	υ	YES		1	ı		,	1	1	1			· · · · · · · · · · · · · · · · · · ·	1			i

Project Number and Name: i»¿ - 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 : E11-113-S1 Sample Date: 07/13/2011 Lab Sample ID: 31101872016 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		Overati Quai*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	1C	ıcv	CCV CCV
Analysis Method : 8260B					Dilution	n: 1														
Chloroform	4.63		ug/Kg	U	YES						ì		<u> </u>]		1		1	1
Chioromethane	4.63		ид/Кд	υ	YES				1]]		<u> </u>		<u> </u>		<u> </u>		<u> </u>	1
cis-1,2-Dichloroethene	4.63		ug/Kg	U	YES						l		[<u> </u>		<u>.</u>		J	1
cis-1,3-Dichloropropene	4.63		ug/Kg	U	YES	1					l		<u> </u>		<u> </u>		<u></u>		<u> </u>	1
Dibromochloromethane	4,63		ug/Kg	U	YES :	1			1	1			1		<u> </u>		<u> </u>		<u> </u>	1
Dibromomethane	4.63		ug/Kg	U	YES	1	1		<u> </u>	1			<u> </u>		<u> </u>		1		<u> </u>	<u> </u>
Dichlorodifluoromethane	4.63		ug/Kg	U	YES	Ì	1		l	1			l		1		<u> </u>			1
Ethyl Benzene	4.63		ug/Kg	U	YES		1		1				l		<u> </u>	*******	[]			1
Hexachlorobutadiene	4.63		ug/Kg	U	YES	İ	1						l		<u> </u>	** * * * * * * * * * * * * * * * * * * *	<u> </u>			1
(sopropylbenzene (Cumene)	4.63		ug/Kg	U	YES		I						l		l	********				1
m,p-Xylene	9,26		ug/Kg	ប	YES								l		<u> </u>		1		1	1
Methyl iodide	4.63		ug/Kg	U	YES	1										-,	<u> </u>		<u>.</u>	<u> </u>
Methylene chloride	1.33		ug/Kg	J	YES	ì					<u> </u>				l		<u> </u>		<u> </u>	1
Naphthalene	4.63		ug/Kg	U	YES					1					l		<u> </u>		<u> </u>	1
n-Butylbenzene	4.63		ug/Kg	U	YES :										l		<u> </u>		<u> </u>	<u>]</u>
n-Propylbenzene	4.63		ид/Кд	U	YES	1	}												l	<u> </u>
o-Xylene	4.63		ug/Kg	U	YES :	1]				<u> </u>	l
sec-Butylbenzene	4.63		ug/Kg	U	YES	-	1								ļ		l			1
Styrene	4.63		ug/Kg	U	YES	UJ	1	1			បរ						l		l	ļ.,
lert-Butyl methyl ether (MTSE)	4.63		ug/Kg	U	YES	1	1				1						<u> </u>			
tert-Butylbenzene	4,63		ug/Kg	U	YES	1				l							l		l	ļ
Tetrachloroethene	4.63		ug/Kg	U	YES	1	1										l			l
Toluene	4.63		ug/Kg	U	YES												l		l	1
Irans-1,2-Dichloroethene	4.63		ug/Kg	U	YES	1							1		l					1
irans-1,3-Dichloropropene	4.63	}	ug/Kg	U	YES	1	1	1												1
rans-1,4-Dichloro-2-butene	23.1	***************************************	ug/Kg	U	YES:		1	1	I			[1			

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

Library Used: CampCarroll

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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 : E11-113-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872016 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV CCV
Analysis Method : 8260B					Dilutio	n: 1														
Trichloroethene	4.63		ug/Kg	U	YES					1	1			[1	
Trichlorofluoromethane	4.63		ug/Kg	U	YES					l	Ì		1							<u> </u>
Vinyl chloride	4.63		ug/Kg	U	YES															l
Analysis Method : 8270D					Dilutio	n: 1								***************************************						
1,2,4-Trichlorobenzene	335		ug/Kg	υ	YES						l	{	[1				l	1
1,2-Dichlorobenzene	335		ug/Kg	υ	YES						ļ		l							l
1,3-Dichlorobenzene	335		ug/Kg	U	YES								1							
1,4-Dichlorobenzene	335		ug/Kg	U	YES							[1							l
2,4,5-Trichlorophenol	335		ug/Kg	U	YES		i	,					1		l i				}	
2,4,6-Trichlorophenol	335		ид/Кд	U	YES		1			[l l		1			
2,4-Dichlorophenol	335		ug/Kg	υ	YES		i										į			
2,4-Dimethylphenol	335		ug/Kg	U	YES		1						l.]		1			1
2,4-Dinitrotoluene	335		ug/Kg	Ų	YES		1								1				.	1
2,6-Dinitrotoluene	335		ug/Kg	Ų	YES															1
2-Chloronaphthalene	335		ug/Kg	ម	YES		· · · · · · · i										1			l .
2-Chlorophenol	335		ug/Kg	U	YES		1		I						i i		1			
2-Methylnaphthalene	335		ug/Kg	U	YES		1								Ī		1			
2-Methylphenol	335		ug/Kg	U	YES		·····i	······							l i		1			
2-Nitroaniline	335		ug/Kg	υ	YES		1							i	1	l				
2-Nitrophenol	335		ug/Kg	ប	YES]						ì		l i					
3 and/or 4-Methy/phenol	335		ug/Kg	U	YES													J		
3-Nitroaniline	335		ug/Kg	U	YES			1		i					l i					
4-Bromophenyl phenyl ether	335		ug/Kg	U	YES		1	i					j]			
4-Chloro-3-methylphenol	335		ug/Kg	U	YES				1	i	1						į			
4-Chloroaniline	335		ug/Kg	U	YEG			Î	1		1	ì				1	1	1		i
4-Chlorophenyl phenyl ether	335		ug/Kg	U	YES		i		1				1	· · · · · · · · · · · · · · · · · · ·		·····	1	·····		1
4-Mitroariiline	335	7	uy/Ky	υ	YES			Ì				l	1		1			1		(

Project Number and Name:

ADR 8.2

i»¿ - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:58

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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: E11-113-S1 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

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Sample Matrix: SO

Lab Sample ID: 31101872016

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty i 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	CCA
Analysis Method : 8270D					Dilutio	วก: 1														
4-Nitrophenol	335		ug/Kg	U	YES				1	1		}	1	i	I		1		1]
Acenaphthene	335		ug/Kg	U	YES				ĺ	l]		1				1			1
Acenaphthylene	335		ug/Kg	ប	YES	1				1	}									1
Anthracene	335		ug/Kg	υ	YES	1			1					1	1	,,,,,,,,				1
Benzo(a)anthracene	335		ид/Кд	U	YES									1]	
Benzo(a)pyrene	335		ug/Kg	U	YES		1		l			1	1							1
Benzo(b)fluoranthene	335		ug/Kg	U	YES		1					1	1]			1
Benzo(g,h,i)perylene	335		ug/Kg	U	YES	Ī	I			1	{	1	l							
Benzo(k)fluoranthene	335		ug/Kg	U	YES		1		[}									l
Bis(2-Chloroethoxy)methane	335		ug/Kg	U	YES	}	1				ļ									
Bis(2-Chloroethyl)ether	335		ug/Kg	U	YES										1					
Bis(2-Chloroisopropyl)elher	335		ug/Kg	U	YES							1								
Bis(2-Ethylhexyl)phthalate	70.1		ug/Kg	J	YES	1	·····				<u> </u>									
Butyl benzyl phihalate	335		ug/Kg	U	YES		1				 								1	1
Chrysene	335	·	ug/Kg	U	YES												l			
Dibenz(a,h)anthracene	335		ug/Kg	U	YES		1										1		1	
Dibenzofuran	335		ug/Kg	U	YES	1	1										1			1
Diethyl phthalate	335		ug/Kg	U	YES	1														1
Dimethyl phthalate	335	:	ug/Kg	U	YES	1					}								1	1
Di-n-butyl phthalate	335		ug/Kg	U	YES	1	1		i i		{				1					
Di-n-octyl phthalate	335		ug/Kg	U ;	YES	ยา				UJ			i		1				1	1
Fluoranthene	335		ug/Kg	Ü	YES	1	1			i										
Fluorene	335		ug/Kg	U	YES	1	1			·····]
Hexachlorobenzene	335		ug/Kg	U	YES	i			1								į			1
l fexachlorobutadiene	335		ug/Kg	U	YEG			i												l
Hexachlorocyclopentadiene	335	1	ug/Kg	U	YES	I	1		I	1			i		i					1

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

Library Used: CampCarroll

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 : E11-113-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872016

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overail Quai*	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	335	i	ид/Кд	U	YES	:	İ				}	l	[]]	1
Indeno(1,2,3-cd)pyrene	335		ug/Kg	U	YES				1			l]]	ļ.,,,,
Isophorone	335	1	ug/Kg	U	YES							1		1	1				1	Ι
Naphthalene	335		ug/Kg	U	YES							1	1	1						l
Nitrobenzene	335		ug/Kg	U	YES							1	1						1	
n-Nitrosodi-n-propylamine	335		ug/Kg	U	YES							[}					1	
Pentachlorophenol	335		ug/Kg	Ų	YES							[1	1
Phenanihrene	335		ug/Kg	Ų	YES									(1	1
Phenol	335		ug/Kg	U	YES														1	1
Pyrene	335		ug/Kg	Ų	YES				 	[i	[i					I

Project Number and Name: ن» د - 11-032E Carroll Agent Orange Library Used: CampCarroll

Report Date: 9/6/2011 08:58 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 Page 10 of 233



Client Sample ID: E11-113-S2 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Sample Matrix: SO Analysis Type: DL

Lab Sample ID: 31101872017

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		Moist Tot/Dis		Tune	IC	icv	CV/
Analysis Method : 8081						n: 5000														
4,4'-DDD	49600		ug/Kg	U	YES		1		1	<u> </u>		Ì								[
4,4'-DDD	49600		ug/Kg	U	YES		I				İ	 					i			1
4,4'-DDE	49600		ug/Kg	υ	YES				[1	1
4,4'-DDE	49600		ug/Kg	U	YES]								1				1	
4,4'-DDT	49600		ug/Kg	U	YES					l]			1				l	
4,4'-DDT	49600		ug/Kg	U	YES	j	1]					1	
Aldrin	49600		ug/Kg	U	YES	(
Aldrin	49600		ug/Kg	υ	YES						{	}				,,,,,,,,,,			1	1
alpha-BHC	4380	i i	ug/Kg	J	YES	J	1				J								1	
alpha-BHC	4380		ug/Kg	J	YES	J					J									l
alpha-Chlordane	49600		ug/Kg	U	YES	R					R								ŀ	1
alpha-Chlordane	49600		ug/Kg	U	YES	R				l	R				1					
beta-BHC	49600		ид/Кд	U	YES	1	I				!									
beta-BHC	49600		ug/Kg	U	YES															i
Chlordane	165000		ug/Kg	Ų	YES	1	[l I		i			
Chlordane	165000		ug/Kg	U	YES														-	i
delta-BHC	4860		ug/Kg	J	YES		1													i
delta-BHC	4860		ug/Kg	J	YES	ì	1													į .
Dieldrin	49600		ug/Kg	U	YES		1								I (J
Dieldrin	49600		ug/Kg	U	YES	Ì									l i					1
Endosulfan i	49600		ug/Kg	U	YES		1								l		1		1	
Endosulfan t	49600	ì	ug/Kg	U	YES				1				J				į			1
Endosulfan li	49600	[ug/Kg	υ	YES		1		l	j		1					i]
Endosulfan II	49600		ug/Kg	Ü	YES		1			1					j					
Endosulfan sulfate	49600	:	ug/i(g	U	YES		1					1								
Endosulfan sulfate	49600		ug/Kg	U	YES	1	1			1			1				1			

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

Library Used: CampCarroll

Report Date: 9/6/2011 08:58

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Lab ID: SGSW

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 : E11-113-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: DL

Sample Matrix : SO

Lab Sample ID: 31101872017

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty /	Result	Lab Qual	Rep Res	Overat Qual*	Temp	нт	мв	LCS	MS	Lati Dup	Surr	Rep Limit	Molst Tot/Dis	Field QC	Tune	IC	icv	CCV
Analysis Method : 8081					Dilutio	n: 500							,,							
Endrin	49600		ug/Kg	U	YES			1			ì	i								
Endrin	49600		ug/Kg	U	YES				l											
Endrin aldehyde	49600		ug/Kg	Ų.	YES			1	1								(
Endrin aldehyde	49600		ug/Kg	υ	YES		1]	l	l									1	
Endrin ketone	49600		ug/Kg	U	YES			1			{				1				l	1
Endrin ketone	49600		ug/Kg	ช	YES		[1		}				1				l	1
gamma-BHC (Lindane)	64100		ид/Кд		YES	J			1		J								ļ	1
gamma-BHC (Lindane)	64100		ug/Kg		YES	J	[1	J									
gamma-Chlordane	49600	,	ug/Kg	U	YES			1	1		}									
gamma-Chlordane	49600		ug/Kg	U	YES			1	1											1
Heptachlor	49600		ug/Kg	U	YES					1										
Heplachlor	49600		ug/Kg	U	YES						i									
Heplachfor epoxide	49600		ug/Kg	U	YES															
Heptachlor epoxide	49600		ug/Kg	U	YES :					[1
Methoxychior	49600		ug/Kg	V	YES					1										1
Methoxychlor	49600		ug/Kg	U	YES														1	1
Toxaphene	165000		ug/Kg	U	YES		i i													1
Toxaphene	165000		ug/Kg	U	YES					1					i					1

Project Number and Name: "»¿ -

i»¿ - 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: E11-113-S2 Sample Date: 07/13/2011

Lab Report Batch: 31101872 Analysis Type: RES

Lab ID : SGSW Sample Matrix: SO

Lab Sample ID: 31101872017

Reviewed By / Date :							App	roved	By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 6010C					Dilutio	on: 1														
Arsenic	2.65		mg/kg		YES				[<u> </u>	<u> </u>	L		ļ	<u> </u>	<u> </u>	[,	<u> </u>	J	İ
Arsenic	2.65		mg/kg		YES				<u> </u>	<u> </u>	J	<u> </u>	<u> </u>	<u> </u>]	<u> </u>	l	<u> </u>	J	ĺ
Barium	90.8		mg/kg		YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ł	<u> </u>	J	l
Barium	90.8		mg/kg		YES				ļ	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	[<u> </u>	<u> </u>	l
Cadmium	0.705		mg/kg		YES					<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>		<u> </u>	İ
Cadmium	0,705		mg/kg		YES			.,		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	İ	<u> </u>	l <u></u> .	J	<u> </u>
Chromium	4.51		mg/kg		YES	J	1		<u> </u>	<u> </u>	<u> </u>	J	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	J	İ
Chromium	4.51		mg/kg		YES	J			<u> </u>	<u> </u>	<u> </u>	J	<u> </u>	<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>	<u> </u>
Lead	8.87		mg/kg		YES	J	-		<u> </u>	<u> </u>	<u> </u>	J	[<u> </u>	[<u> </u>	<u> </u>	<u> </u>	<u>J.</u>	l
Lead	8.87		mg/kg		YES	J			<u> </u>	<u>l</u>	<u> </u>	J	[<u>[</u>	[<u> </u>	l	<u> </u>	ļ	ļ
Selenium	2.04		mg/kg	U	YES				1	<u> </u>	<u>!</u>	l	<u> </u>		<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>
Selenium	2.04		mg/kg	U	YES				l	[<u>!</u>	<u> </u>	1		1	l	<u> </u>	l	ļ	<u> </u>
Silver	1.02		mg/kg	Ų	YES	1			<u> </u>	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	l		<u> </u>	ł	ļ	ļ
Silver	1.02		mg/kg	U	YES				l	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>		l		1	<u> </u>
Analysis Method : 7471B					Dilutio	on: 1														
Mercury	0.0212		mg/kg	U	YES				l	<u> </u>	ļ	L	ļ	l	<u> </u>		ļ		<u> </u>	1
Analysis Method : 8151					Dilutio	on: 1														***************************************
2,4,5-T	0.0174		mg/kg	U	YES				<u> </u>	<u> </u>	l	Ĺ	<u> </u>	1	<u> </u>		ļ		ļ	ļ
2,4,5-T	0.0174		mg/kg	U	YES				<u> </u>	1	İ	<u> </u>	l	l	<u> </u>		<u></u>		ļ	ļ
2,4,5-TP (Silvex)	0.0174	;	mg/kg	U	YES				ļ	Í	l	l	<u> </u>	l	l		l		ļ	ļ
2,4,5-TP (Silvex)	0.0174	}	mg/kg	U	YES		l		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	İ	li		l		ļ	ļ
2,4'-D	0.0174		mg/kg	U	YES		1		ļ <u>.</u>	l	<u>}</u>	<u> </u>	l		<u> </u>		ļ	<u>.</u>	ļ	!
2,4'-D	0.0174		mg/kg	U	YES				l	<u> </u>	<u>.</u>	<u>i</u>	<u> </u>	<u>.</u>	<u> </u>		ļ		<u> </u>	ļ
2,4-DB	0.0174		mg/kg	U	YES				l	<u> </u>	İ	l	<u> </u>	İ	<u> </u>		ļ		ļ	ļ
2,4-DB	0.0174		mg/kg	u	YES				l	<u> </u>	<u> </u>	l	l	l	<u> </u>		<u> </u>		<u> </u>	
Dicamba	0.0174		mg/kg	υ	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ	Ì	l		<u> </u>		<u> </u>	ļ
Dicamba	0.0174		mg/kg	U	YES	İ					<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		[l	<u> </u>	l

Project Number and Name:

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Library Used: CampCarroll

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: E11-113-S2

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872017

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV CCV
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.63		ug/Kg	U	YES					1	l		1		1				1	<u> </u>
1,1,1-Trichloroethane	4.63		ug/Kg	Ü	YES			1		1	ļ		1						1	1
1,1,2,2-Tetrachloroethane	4.63		ид/Кд	U	YES			i]	-		}	1]	1
1,1,2-Trichloroethane	4.63		ид/Кд	U	YES				1	1		ĺ	<u> </u>		l		l	١	l	1
1,1-Dichloroethane	4.63		ug/Kg	U	YES				1	l	İ		1		<u> </u>				<u> </u>	1
1,1-Dichloroethene	4.63		ug/Kg	U	YES				1				l	ļ	ļ		[]		<u> </u>	1
1,1-Dichloropropene	4.63		ug/Kg	υ	YES					1	l			}			[]			1
1,2,3-Trichlorobenzene	4.63		ug/Kg	U	YES					}					li		[]			<u> </u>
1,2,3-Trichloropropane	4.63		ug/Kg	U	YES								1		<u> </u>		[]		1	1
1,2,4-Trichlorobenzene	4.63		ug/Kg	U	YES	UJ					IJ				L					<u> </u>
1,2,4-Trimethylbenzene	4.63		ug/Kg	V	YES										İ]		[<u> </u>
1,2-Dibromo-3-chloropropane	27.8		ug/Kg	U	YES		i			1		<u> </u>	l		L	:			<u> </u>	<u> </u>
1,2-Dibromoethane	4.63	į	ug/Kg	υ	YES								Í		<u> </u>				1	<u> </u>
1,2-Dichlorobenzene	4,63		ug/Kg	U	YES	}			1	1					<u> </u>	** ** ** * * * * * * * * * * * * * * * *			<u> </u>	1
1,2-Dichloroelhane	4.63		ид/Кд	U	YES	Ì			l						[<u> </u>	1
1,2-Dichtoropropane	4.63		ug/Kg	U	YES		-								l				1	
1,3,5-Trimethylbenzene	4,63		ug/Kg	U	YES	(l		li		l				l		J	l
1,3-Dichlorobenzene	4,63	:	ug/Kg	U	YES		ı		ĺl				1]		<u> </u>	l
1,3-Dichloropropane	4.63	į	ug/Kg	υ	YES		1								1 1				<u> </u>	l
1,4-Dichlorobenzene	4.63	:	ug/Kg	ប	YES										1 1		l		<u> </u>	l
2,2-Dichtoropropane	4.63	i	ug/Kg	u	YES		I		l						1		l		<u> </u>	l
2-Butanone	23.1		ug/Kg	u	YES					l					1 1		l		<u> </u>	l,
2-Chlorotoluene	4.63		ug/Kg	U	YES]			<u> </u>			l <u>.</u>				l		<u> </u>	<u> </u>
2-Hexanone	11.6		ug/Kg	U	YES		Ī								l		l		<u> </u>	<u> </u>
4-Chlorotoluene	4.63		ug/Kg	U	YES								l		l		l I		J	<u> </u>
4-isopropyitoluene	4.63		ug/Kg	υ	YES		1								l i		[I	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 14 of 233

Client Sample ID: E11-113-S2 Sample Date: 07/13/2011

Reviewed By / Date:

Lab Report Batch: 31101872 Analysis Type: RES

Lab ID : SGSW Sample Matrix: SO

Lab Sample ID: 31101872017

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 CA1
Analysis Method : 8260B					Dilutio	n: 1										 			
4-Methyl-2-pentanone	11.6		ид/Кд	U	YES		ĺ		1	1		Ī	Ī		l	 		1	<u> </u>
Acelone	17.8		ид/Кд	J	YES					1	1	1	l						
Benzene	4.63		ug/Kg	U	YES				1		į	1			[<u> </u>
Bromobenzene	4.63		ug/Kg	Ų	YES					l	(1				 l]]
Bromochloromelhane	4.63		ug/Kg	Ų	YES							[1			 l]	
Bromodichloromethane	4.63		ug/Kg	Ų	YES								l .		1			J	
Bromoform	4.63		ug/Kg	U	YES		1								1	 		1	1
Bromomethane	4.63		ug/Kg	U	YES										1			1	1
Carbon disulfide	4.63		ug/Kg	U	YES										1			1	1
Carbon tetrachloride	4.63		ug/Kg	U	YES		j								1				1
Chlorobenzene	4.63		ug/Kg	U	YES		Ĭ											[l
Chloroelhane	4.63		ug/Kg	υ	YES		1				1]	 		1	l
Chloroform	4.63		ид/Ко	U	YES		1									 		1	ļ
Chloromethane	4.63		ug/Kg	U	YES		1								1	 		1	ĺ
cis-1,2-Dichloroethene	4.63		ug/Kg	U	YES		i								ĺ				
cis-1,3-Dichloropropene	4.63		ug/Kg	U	YES	1	I											1	1
Dibromochloromethane	4.63		ug/Kg	υ	YES		1					 							1
Dibromomelhane	4.63		ug/Kg	U	YES		1					i							1
Dichlorodifluoromethane	4.63		ug/Kg	U	YES	1										 			
Ethyl Benzene	4.63		ug/Kg	U	YES										1	 ļ		1	i
Hexachlorobuladiene	4.63		ug/Kg	U	YES		1	I								 1		l	1
Isopropylbenzene (Cumene)	4.63		ug/Kg	u	YES		1					i i			Í í	1		1	1
m,p-Xylene	9.26		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·			}						i i	į			l
Melhyl iodide	4.63		ug/Kg	U	YES		1									 }			
Methylene chloride	1.35		ug/Kg	J	YES	1	·····		i							 [.,	1	
Naphthalene	4.63		ug/Kg	บ	YES]	

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

Client Sample ID : E11-113-S2

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872017 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overati Quai*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	1C	ICV	CCA
Analysis Method : 8260B	···				Dilutio	n: 1					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								.,,-,-	
n-Butylbenzene	4.63		ug/Kg	υ	YES				1	f	ļ		<u> </u>	<u> </u>]		[]		<u> </u>	<u> </u>
n-Propylbenzene	4.63		ug/Kg	U	YES		1		1				<u> </u>	<u> </u>	<u> </u>		<u> </u>		l	1
a-Xylene	4,63		ug/Kg	U	YES				1		<u> </u>		<u> </u>	1	<u> </u>				<u> </u>	1
sec-Butylbenzene	4.63		ug/Kg	U	YES		1 1		ŀ	1	<u> </u>		<u> </u>	1					<u> </u>	<u> </u>
Styrene	4.63		ид/Кд	U	YES	UJ					UJ			{			1		<u> </u>	
terl-Bulyl methyl ether (MTBE)	4.63		ug/Kg	U	YES		1				1			ļ						1
tert-Butylbenzene	4.63		ug/Kg	Ų	YES						1								<u> </u>	1
Tetrachioroethene	4.63		ug/Kg	U	YES		[[1								<u> </u>	1
Toluene	4.63		ug/Kg	U	YES				1]									ļ
trans-1,2-Dichloroethene	4,63		ug/Kg	U	YES	••••	i i)	İ								<u> </u>
trans-1,3-Dichloropropene	4.63		ug/Kg	U	YES										1					<u> </u>
trans-1,4-Dichloro-2-butene	23.1		ug/Kg	Ų	YES		1								}				1	Ĭ
Trichlorgelbene	4.63		ug/Kg	U	YES												Į		<u> </u>	[
Trichlorofluoromethane	4.63		ug/Kg	Ú.	YES]]						Ì			1
Vinyl chloride	4.63		ug/Kg	U	YES														<u> </u>	1
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	50.2		ug/Kg	J	YES														l	l
1,2-Dichlorobenzene	336		ug/Kg	U	YES												<u> </u>		l	l
1,3-Dichlorobenzene	336		ug/Kg	U	YES		l)								l	l
1,4-Dichlorobenzene	336		ug/Kg	U	YES			l											l	<u> </u>
2,4,5-Trichlorophenol	336		ug/Kg	U	YES			I									li			<u> </u>
2,4,6-Trichlorophenol	336		ид/Кд	U	YES												1			<u> </u>
2,4-Dichlorophenol	336		ug/Kg	U	YES						İ						[[
2,4-Dimethylphenol	336		ug/Kg	Ų	YES		1]			1
2,4-Dinitrotoluene	336		ug/Kg	υ	YES												ĺ			
2,6-Dinitrololuene	336	ì	ug/Kg	υ	YES		1	Ī	1						-					
2-Chloronaphthalene	336		ug/Kg	U i	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

Client Sample ID: E11-113-S2

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872017 Analysis Type: RES

Sample Matrix: SO

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					Difutio						.,,,									
2-Chlorophenol	336		ug/Kg	U	YES					1	i	;	1	1						
2-Methylnaphthalene	961		ug/Kg		YES							1	1	ļ						[
2-Methylphenol	336		ug/Kg	U	YES					1										1
2-Nitroaniline	336		ug/Kg	ប	YES		1				1									1
2-Nitrophenol	336		ug/Kg	U	YES		1				į								1	1
3 and/or 4-Methylphenol	336		ug/Kg	U	YÉS				l		}	1			1					
3-Nitroaniline	336		ug/Kg	U	YES				1	 			1	 	i				 	Ī
4-Bromophenyl phenyl ether	336		ug/Kg	υ	YES					1										
4-Chloro-3-methylphenol	336		ug/Kg	U	YES					I				1						[
4-Chloroaniline	336		ug/Kg	U	YES]						}
4-Chlorophenyl phenyl ether	336		ид/Кд	U	YES		·····				1			[l]]
4-Nitroaniline	336		ug/Kg	U	YES		1			1	i	}							i	1
4-Nitrophenol	336		ug/Kg	U	YES	i	1						1		!				1	
Acenaphlhene	336		ug/Kg	U	YES					[1
Acenaphthylene	336		ug/Kg	U	YES		1				1									
Anthracene	336		ug/Kg	Ų	YES	1	1			1	 [l l		1	1
Benzo(a)anthracene	336		ug/Kg	U	YES	i					}	ĺ					l		1	1
Benzo(a)pyrene	336		ug/Kg	U	YES	1	1	1					1					.,		1
Benzo(b)fluoranthene	336	;	ug/Kg	U	YES		1	1									1			1
Benzo(g,h,i)perylene	336		ug/Kg	U	YES	1		1			i	i								•
Benzo(k)fluoranlhene	336	1	ug/Kg	ย	YES	1		1			}				1					i
Bis(2-Chloroethoxy)methane	336		ид/Кд	U	YES	1		1		l	ì									
Bis(2-Chloroethyf)elher	336		ug/Kg	U	YES		- 1	1		1										1
Bis(2-Chloroisopropyl)ether	336	-	ug/Kg	υ	YES		1	1						i			1			
Bis(2-Ethylhexyl)phthalate	114		ug/Kg	J	YES		1	1									1			1
Butyl benzyl phthalate	336	1	ug/Kg	U	YES	}	1	1	1								ſ			1

Project Number and Name:

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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 17 of 233

Client Sample ID : E11-113-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872017 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		Moist Tot/Dis	Yune	IC	icv	CCV
Analysis Method : 8270D		······································			Diluti	on: 1										 		~	
Chrysene	336	;	ug/Kg	U	YES	:	1					ì		ſ	F			1	1
Dibenz(a,h)anthracene	336		ug∕Kg	U	YES						!		ſ		1			1	1
Dibenzofuran	336		ug/Kg	U	YES						{				1				
Diethyl phthalate	336		ug/Kg	U	YES						}	l			1				
Dimethyl phthalate	336		ug/Kg	V	YES		1			 			1						
Di-n-butyl phthalate	336		ug/Kg	Ų	YES		1		 	 	 		1			 		1	
Di-n-octyl phthalale	336		ug/Kg	U	YES	IJ			 	UJ					1	 			
Fluoranthene	336		ид/Кд	U	YES		 				i					 		1	i
Fluorene	336		ид/Кд	ម	YES		i			1						 l I		l	1
Hexachlorobenzene	336		ug/Kg	U	YES											 1		1	
Hexachlorobutadiene	336		ug/Kg	Ų	YES		1			1		<u> </u>	1			 1		1	
Hexachlorocyclopentadiene	336		ug/Kg	ប	YES				-									1	1
Hexachloroethane	336		ug/Kg	U	YES								ĺ		Ì	 		1	
Indeno(1,2,3-cd)pyrene	336		ug/Kg	U	YES]	1
Isophorone	336		ug/Kg	U	YES										l i	ì		1	i
Naphlhalene	40.2		ug/Kg	J	YES											 			ĺ
Nitrobenzene	336		ug/Kg	U	YES		Ì			[1	i			İ
n-Nitrosodi-n-propylamine	336		ug/Kg	U	YES										1 1				1
Pentachtorophenol	336	i	ug/Kg	U	YES		1											1	i
Phenanlhrene	336		ug/Kg	U	YES		ı									 1		l	1
Phenol	336	;	ug/Kg	V	YES		l	I					1			 1	,	I	i
Pyrene	336	1	ug/Kg	U	YES										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

Client Sample ID: E11-113-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872018 Analysis Type: DL

Sample Matrix: SO

Reviewed By / Date :							App	rovec	I By /	Date :	:					******				
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*		нт	MB	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8081					Diluti	on: 20														
4,4'-DDD	201		ug/Kg	υ	YES						}						1			1
4,4'-DDD	201		ug/Kg	Ų	YES							1		1						
4,4'-DDE	201		ug/Kg	U	YES					[
4,4'-DDE	201		ug/Kg	U	YES						{						i i			1
4,4'-DDT	201		ug/Kg	U	YES						}	1								
4,4\-DDT	201	,	ug/Kg	U	YES		1				 	į			1				1	l
Aldrin	201		ug/Kg	Ų	YES						 		i				i i		1	Ī
Aldrin	201		ug/Kg	Ų	YES		1			ĺ			1	1					l	
alpha-BHC	19.8		ug/Kg	J	YES	J					J		J	(j j			
alpha-BHC	19.8		ug/Kg	J	YES	J	1			1	J		J							1
alpha-Chlordane	201		ug/Kg	U	YES	R					R	!								1
alpha-Chiordane	201		ug/Kg	U	YES	R					R									1
beta-BHC	201		ug/Kg	υ	YES					1			f i	ĺ						į
bela-BHC	201		ug/Kg	U	YES							}			i					1
Chlordane	670		ug/Kg	υ	YES										1					
Chlordane	670		ug/Kg	U	YES	i									i					
delta-BHC	29.0		ug/Kg	J	YES	J	-	1					J		į		1			F
delta-BHC	29.0	(ug/Kg	J	YES	J	1						J				į			1
Dleidrin	201	;	ug/Kg	U	YES			İ						1		i	İ			1
Dieldrin	201	}	ug/Kg	U	YES	1	····								į					i
Endosulfan I	201	ì	ug/Kg	U	YES		1								l					Ė
Endosullan i	201		ид/Кд	U	YES		. 1	- 1	i]			1			
Endosulfan li	201		ug/Kg	U	YES		1	1					1	1		1				1
Endosulfan II	201		ug/Kg	U	YES ?			١			1			1	i			-		1
Endosulfan sulfate	201	1	ug/Kg	U	YES		1	1	1				1		1			1		i
Endosulfan sulfate	201		ug/Kg	U	YES	1	1	1		1			1				{			

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Deverall 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 : E11-113-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872018 Analysis Type: DL

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res		Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToVDis	Field QC	Tune	IC	ICV	CC/
Analysis Method : 8081					Diluti	on: 20		************				**********								
Endrin	201		ug/Kg	U	YES						ĺ								Ī	1
Endrin	201		ug/Kg	U	YES	;				1		*	1				1		1	1
Endrin aldehyde	201		ug/Kg	ย	YES	:				1	<u> </u>		1				1 (1	
Endrin aldehyde	201		ug/Kg	U	YES					1]				1					
Endrin ketone	201		ид/Кд	Ų	YES		1]		1				1	i
Endrin ketone	201		ug/Kg	Ų	YES	1	I						1		1			.,,	ĺ	i
gamma-BHC (Lindane)	415		ug/Kg		YES	j	1				J		l J		1	•••••			Ĭ	i
gamma-BHC (Lindane)	415		ug/Kg		YES	J				1	J		J		i i				1	
gamma-Chlordane	201	i i	ug/Kg	U	YES					1]				i i				1	
gamma-Chlordane	201		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·			i									1	i
Heptachlor	201	1	ug/Kg	U	YES		·····i												Ī	!
Heplachior	201		ug/Kg	U	YES		i								ii	•••••			i	i I
Heptachlor epoxide	201		ug/Kg	υ	YES	1	Ì	i					[i				<u></u>	
Heplachlor epoxide	201		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	··								• • • • • • • • • • • • • • • • • • • •			1	!
Melhoxychlor	201		ug/Kg	U	YES	··		·············							[·		i 	:
Methoxychlor	201		ug/Kg	U	YES			·····							i		··		i	i
Toxaphene	670		ид/Кд	U	YES	· · · · · · · · · · · i	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·							ii				i	i
Toxaphene	670		ug/Kg	U	YES			·······	· · · · · · · · · · · · · · · · · · ·				: : 		i		i i		/ I	

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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 : E11-113-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872018

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	ic	icv	CCV CCV
Analysis Method : 6010C					Dilutio	n: 1										 			
Arsenic	0.969	;	mg/kg		YES					<u> </u>			[<u> </u>	 <u> </u>		<u>.</u>	<u> </u>
Arsenic	0.969		mg/kg		YES				l	<u> </u>	<u> </u>		l		<u>[j</u>	 		<u> </u>	<u> </u>
Barium	70.9		mg/kg		YES			- 	l				[<u> </u>	 		J	1
Barium	70.9		mg/kg		YES		<u> </u>		l	<u> </u>			[<u> </u>	 <u> </u>		<u> </u>	<u> </u>
Cadmium	0.542		mg/kg		YES				<u> </u>					ļ	1	 [<i>]</i>		<u> </u>	<u> </u>
Cadmium	0,542		mg/kg		YES		<u> </u>		<u> </u>				l		Ì	 <u> </u>		1	<u> </u>
Chromium	5.85		mg/kg		YES	J	<u> </u>		[<u> </u>		J		<u> </u>	<u> </u>	 <u> </u>			<u> </u>
Chromium	5.85		mg/kg		YES	j	<u> </u>		l	<u> </u>		J		<u> </u>	<u> </u>	 <u>[</u>		1	<u> </u>
Lead	4.57		mg/kg		YES	J						J	<u> </u>]	 <u> </u>		1	<u> </u>
Lead	4.57		mg/kg	ĺ	YES	j				l		J	[<u> </u>	 <u> </u>		1	<u>l</u>
Selenium	0.874		mg/kg	J	YES		1		l	<u> </u>			<u> </u>		<u> </u>	 1		<u> </u>	<u> </u>
Selenium	0.874		mg/kg	J	YES		1			<u> </u>	[]				<u> </u>	 <u> </u>		<u> </u>	
Silver	0.945		mg/kg	บ	YES]			l	}				1	 <u> </u>			<u> </u>
Silver	0.945		mg/kg	U	YES				<u> </u>	l					l				<u> </u>
Analysis Method : 7471B					Dilutio	ก: 1					********					 			
Mercury	0.0207		mg/kg	U	YES :		<u> </u>									 			<u> </u>
Analysis Method : 8151					Difutio	n: 1				····						 			
2,4,5-T	0.0168		mg/kg	υ	YES					<u> </u>					<u> </u>	 			<u> </u>
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES						<u> </u>				<u> </u>	 i			l
2,4'-D	0.0168		mg/kg	U	YES]				<u>.</u> J	, ,	ļ	 		l	<u> </u>
2,4 -DB	0,0168		mg/kg	u	YES						1					 <u></u>			<u> </u>
Dicamba	0.0168		mg/kg	υ	YES						.		<u> </u>		11			<u></u>	<u> </u>
Analysis Method : 8260B					Ditutio	n: 1										 			
1,1,1,2-Yetrachloroelhane	4.60		ug/Kg	U	YES						ll					 		l	l
1,1,1-Trichloroethane	4.60		ug/Kg	U	YES										<u> </u>	 !	!	l	ł
1,1,2,2-Tetrachloroethane	4.60	1	ug/Kg	U	YES					<u>i</u>					<u></u>	 <u></u> l		l	İ
1,1,2-Trichloroethane	4.60		ножо	U.	YES		1			j	1		1		l ii	}	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: E11-113-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872018 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	l.ab Quai		Overati Qual*		нт	MB	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	łC	ICV	CCA CA1
Analysis Method : 8260B					Dilutio	on: 1														
1,1-Dichloroethane	4.60		ug/Kg	U	YES						1		1	J	1		[[1	Ī
1,1-Dichloroethene	4.60		ug/Kg	U	YES		1			!			1	1	1		,		1	1
1,1-Dichloropropene	4,60		ug/Kg	U	YES								l	1						1
1,2,3-Trichlorobenzene	4.60		ug/Kg	υ	YES					}		!		1	l				1	1
1,2,3-Trichloropropane	4.60		ug/Kg	U	YES							ĺ			1		i		[1
1,2,4-Trichlorobenzene	4.60		ug/Kg	U	YES	ยม	1				เกา		1				1			1
1,2,4-Trimethylbenzene	4.60		ид/Кд	U	YES															
1,2-Dibromo-3-chloropropane	27.6		ug/Kg	U	YES	į	1						l				1			
1,2-Dibromoethane	4.60		ug/Kg	U	YES		1												ĺ	<u> </u>
1,2-Dichlorobenzene	4.60		ug/Kg	บ	YES								l							İ
1,2-Dichloroethane	4.60		ug/Kg	U	YES		1													
1,2-Dichloropropane	4.60		ид/Кд	U	YES		1										ļ			1
1,3,5-Trimethylbenzene	4.60		ug/Kg	U į	YES		ì								l i		}			
1,3-Dichlorobenzene	4.60	į	ug/Kg	U	YES										1					
1,3-Dichloropropane	4.60	;	ug/Kg	U	YES	1	1	1									Ì			l
1,4-Dichlorobenzene	4.60		ug/Kg	U	YES			1]										
2,2-Dichloropropane	4.60		ug/Kg	U	YES	ļ		ſ		i							1		1	1
2-Bulanone	23.0		ug/Kg	U	YES		1					ا					1			
2-Chioroloiuene	4.60		ug/Kg	U	YES	1	-	1							İ		ì			1
2-Hexanone	11.5		ug/Kg	U	YES		1						1				j			İ
4-Chlorotoluene	4,60		ug/Kg	U	YES		1	1	1			-	,							1
4-isopropyitoluene	4.60	}	ug/Kg	U	YES		1	1				1								1
4-Methyl-2-pentanone	11.5	;	ид/Кд	U	YES			1)		1					Į			1
Acetone	12.6		ид/Кд	J	YES		1			í	Ī	I				1	1			
Benzene	4.60		ug/Kg	U	YES		1	1			}	1	l			1	į			
Bromobenzene	4.60		ug/Kg	U	YES	1	· · · · · · · · · · · · · · · · · · ·	1	1	I	i					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: E11-113-S3 Sample Date: 07/13/2011

Lab Report Batch: 31101872 Analysis Type: RES

Lab ID: SGSW Sample Matrix: SO

Lab Sample ID: 31101872018

Analyte Name	Result	Uncertainty i Error	Result Units	Lab Qual	Rep Res	Overall Quai*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	icv	CCV
Analysis Method : 8260	В				Dilut	០រា: 1			v											
Bromochloromethane	4.60		ug/Kg	U	YES	1			Ī]	1	<u> </u>	1	<u> </u>	1	l	l	<u>.</u>	<u>J</u>	.]
Bromodichloromethane	4.60		ug/Kg	U	YES				l	}	1	l	l	<u> </u>	1	l	<u>L</u>	<u> </u>]	.1
Bromoform	4,60		ид/Кд	U	YES				<u> </u>		1	<u> </u>	[<u> </u>	1	İ	<u> </u>	l	1	1
Bromomelhane	4.60		ид/Кд	υ	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>[</u>	<u> </u>	1		<u> </u>	1	1	1
Carbon disulfide	4.60		ug/Kg	υ	YES				l	<u> </u>	<u> </u>	1	[<u> </u>	!		<u> </u>	<u> </u>	1	1
Carbon tetrachloride	4.60		ug/Kg	U	YES				l	<u> </u>	<u> </u>	į		<u> </u>	<u> </u>		<u> </u>		<u> </u>	1
Chlorobenzene	4.60		ug/Kg	บ	YES	<u>i i</u>			l	<u> </u>			<u> </u>	<u> </u>	1		<u> </u>		<u> </u>	1
Chloroethane	4.60		ug/Kg	Ų	YES				<u> </u>	<u> </u>	1		l	<u> </u>	<u> </u>		1	<u> </u>	<u> </u>	1
Chloroform	4.60		ug/Kg	U	YES				l	<u> </u>	1	l.,]		<u> </u>	<u> </u>	<u> </u>	
Chloromethane	4.60		ug/Kg	Ų	YES					<u> </u>	<u> </u>	l	1	<u> </u>	1	<u> </u>	<u> </u>		<u> </u>	.[
cis-1,2-Dichtoroethene	4.60		ug/Kg	U	YES					1	[<u> </u>	<u> </u>		<u> </u>		<u> </u>		<u> </u>	1
cis-1,3-Dichloropropene	4.60		ug/Kg	U	YES					<u> </u>	<u> </u>	<u> </u>	<u> </u>		1				1	1
Dibromochloromethane	4.60		ug/Kg	U	YES					<u> </u>	<u>.</u>	<u> </u>	<u> </u>		<u> </u>				1	1
Dibromomethane	4.60		ug/Kg	U	YES					[<u> </u>	<u>.</u>	l	l	<u> </u>				1	<u>[</u>
Dichlorodifluoromethane	4.60		ug/Kg	υ	YES	1		}		1	<u> </u>				<u> </u>		[<u> </u>	1
Ethyl Benzene	4.60		ug/Kg	U :	YES	ĺ I				1	l		l						!	1
Hexachlorobuladiene	4.60		ug/Kg	U	YES					1	l		l						1	1
isopropylbenzene (Cumene)	4.60		ug/Kg	U	YES						l				1 1		<u> </u>		<u> </u>	1
m,p-Xylene	9.21		ug/Kg	U	YES	1					ļ:								1	<u> </u>
Methyl iodide	4.60		ug/Kg	U	YES	; ;]]	:							<u> </u>	ļ
Methylene chloride	1,03		ug/Kg	J	YES		,			1	1						l		<u> </u>	ļ
Naphlhalene	4,60		ug/Kg	U	YES					l	[l			l	1	ļ.,.,j		<u> </u>	ļ
n-Butylbenzene	4,60		ug/Kg	U	YES					1	<u> </u>	İ	l				l		J	<u> </u>
n-Propylbenzene	4.60		ug/Kg	U	YES	1	j	ı		l	ļ								1	1
o-Xylene	4.G0	i	ug/Kg	Ų	YEC		j	I		l					1)				1	1
sec-Bulylbenzene	4.60	;	ug/Kg	U	YES					1			l		1				1 1	1

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Client Sample ID : E11-113-S3

Lab Report Batch: 31101872 Analysis Type: RES

Lab ID: SGSW Sample Matrix: SO

Sample Date: 07/13/2011

Lab Sample ID: 31101872018

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	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA
Analysis Method : 8260B					Dilutio	on: 1			**********											
Styrene	4.60		ug/Kg	U	YES	נט			l	1	UJ	Ş								
tert-Butyl methyl ether (MTBE)	4.60		ug/Kg	U	YES		1			1			[,					
tert-Butylbenzene	4,60		ug/Kg	U	YES				1	l			1		l					
Tetrachloroethene	1.31		ug/Kg	J	YES				[
Toluene	4,60		ug/Kg	U	YES	-			1			1				********				
trans-1,2-Dichloroethene	4.60		ug/Kg	Ų	YES		1													1
trans-1,3-Dichloropropene	4.60		ug/Kg	υ	YES				1											1
trans-1,4-Dichloro-2-butene	23.0		ug/Kg	υ	YES		1					}	:							
Trichloroethene	4.60		ug/Kg	υ	YES										1					
Trichlorofluoromethane	4.60		ug/Kg	ีย	YES]]					1
Vinyl chloride	4.60		ug/Kg	U	YES	,														
Analysis Method : 8270D	***************************************				Dilutio	n: 1														
1,2,4-Trichlorobenzene	323		ид/Кд	U	YES	1	1								ļ					
1,2-Dichlorobenzene	323		ug/Kg	U	YES	1														
1,3-Dichlorobenzene	323		ug/Kg	U	YES	1	-				1						!			
1,4-Dichlorobenzene	323	:	ug/Kg	U ;	YES	1	1				}						1			'
2,4,5-Trichlorophenol	323		ug/Kg	U	YES												,			
2,4,6-Trichlorophenol	323		ug/Kg	U	YES						1					1				
2,4-Dichlorophenol	323		ug/Kg	U	YES	1									1			1		
2,4-Dimethylphenol	323	;	ug/Kg	U	YES						1				1		1	j		
2,4-Dinitrotoluene	323		ug/Kg	U	YES :	i		1		1	1						1			
2,6-Dinitrotoluene	323		ug/Kg	U	YES		1	1		1	1									1
2-Chloronaphthaiene	323	;	ug/Kg	U	YES			1			İ						1			/
2-Chforophenol	323	;	ug/Kg	V	YES :				I							1				j f
2-Methylnaphlhalene	323	;	нд/Кд	11	YFS :		1			i				1						i
2-Methylphenol	323		ug/Kg	U	YES		1	Ī		1		1			1	I		·····i		
2-Nitroaniline	323]	ug/Kg	U	YES		1	Ī		ì								1		

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Client Sample ID: E11-113-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872018

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overail Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCA
Analysis Method : 8270D					Dilutio	n: 1				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										
2-Nitrophenol	323		ug/Kg	ម	YES		I		 	1				[]		l i			
3 and/or 4-Methylphenol	323		ug/Kg	U	YES					1										1
3-Nitroaniline	323		ug/Kg	υ	YES]	!		1		[{		1		1	1
4-Bromophenyl phenyl ether	323		ug/Kg	U	YES	į					}	1	1		1 (
4-Chloro-3-methylphenol	323		ug/Kg	U	YES		1		1			<u> </u>]					1	
4-Chloroaniline	323		ug/Kg	U	YES							1		}	ĺ	,,,,,,		,,	ĺ	
4-Chlorophenyl phenyl elher	323		ug/Kg	U	YES															
4-Nitroaniline	323		ug/Kg	υ	YES								ļ		[ĺ
4-Nitrophenol	323		ug/Kg	U	YES	1														ĺ
Acenaphthene	323		ug/Kg	u	YES	1				l	}	 			1					1
Acenaphthylene	323		ug/Kg	U	YES		1													1
Anthracene	323		ид/Кд	υ	YES	1	Ī				 	 			1		i :			
Benzo(a)anthracene	323		ug/Kg	U	YES	1	i								i i					
Benzo(a)pyrene	323		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·													
Benzo(b)fluoranthene	323		ug/Kg	U	YES										1					1
Benzo(g,h,i)perylene	323		ug/Kg	U	YES										l					l
Benzo(k)fluoranthene	323		ug/Kg	U	YES	1											l (1
Bis(2-Chloroelhoxy)melhane	323		ug/Kg	Ų ,	YES	i														
Bis(2-Chloroethyl)ether	323	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES		1				1		i		1					[
Bis(2-Chloroisopropyl)ether	323		ug/Kg	U	YES	i	Ì													1
Bis(2-Ethylhexyl)phthalate	323		ug/Kg	U	YES	1			i											1
Butyl benzyl phihaiate	323	i	ug/Kg	U	YES	1	1						1							1
Chrysene	323	Ì	ug/Kg	U	YES		1	i											i	1
Dibenz(a,h)anthracene	323		ug/Kg	ช	YES		1		 											1
Dibenzofuran	323	·····	ug/Kg	U	YES		1													į
Diethyl phthalate	323	;	ug/Kg	U :	YES			··········									I			t

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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 : E11-113-S3 Sample Date : 07/13/2011

Analysis Type: RES

Lab Report Batch: 31101872

Lab ID:SGSW

Sample Matrix: SO

Lab Sample ID: 31101872018

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overali Qual*	Temp	НŦ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICA	CCA CA1
Analysis Method : 8270D					Dilutio	on: 1														
Dimethyl phthalate	323		ug/Kg	บ	YES				l				Ī		[]					
Di-n-butyl phthalate	323		ug/Kg	Ü	YES					[l		1 1	******			1	1
Di-n-octyl phthalate	323		ug/Kg	U	YES	ΟJ			1	UJ				}	1 1				1	
Fluoranthene	323		ид/Кд	U	YES				1		1		[}	1 1		1		l	
Fluorene	323		ug/Kg	U	YES						i		1		l I				 	
Hexachlorobenzene	323		ug/Kg	U	YES				i I		i 	: 	` 		ii				:	
Hexachlorobutadiene	323]	ug/Kg	U	YES							 	1		ĺ					1
Hexachlorocyclopentadiene	323		ug/Kg	υ	YES		1				1		Ì						1	1
Hexachloroethane	323		ug/Kg	U	YES]									
Indeno(1,2,3-cd)pyrene	323		ug/Kg	U	YES						· · · · · · · · · · · · · · · · · · ·									
Isophorone	323		ug/Kg	U	YES															1
Naphthalene	323		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·	i							- 1	l i					
Nitrobenzene	323		ug/Kg	υ	YES	·i	· · · · · · · · ·													1
n-Nilrosodi-n-propylamine	323		ug/Kg	U	YES		j													
Pentachlorophenol	323		ug/Kg	U	YES	i	·i								i					
Phenanihrene	323		ug/Kg	U	YES	i						********								
Phenol	323		ug/Kg	U	YES	·····i														
Pyrene	323		ug/Kg	U ;	YES		······i	· · · · · · · · · · · · · · · · · · ·							}	· · · · · · · · · · · · · · · · · · ·				

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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: E11-113-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872019 Analysis Type: DL

Sample Matrix : SO

		Uncertainty /	Result	Lab	Rep	Overall						Lab		Rep	Moist	Field				CV/
Analyte Name	Result	Error	Units	Qual	Res	Qual*	Temp	HT	MB	LCS	MS	Dup	Surr		Tot/Dis	QC	Tune	10	ICV	CCV
Analysis Method: 8081					Dilutie	on: 50			***************************************											
4,4'-DDD	492		ug/Kg	U	YES			l	<u> </u>]	<u> </u>	<u> </u>	1	<u> </u>	1		<u> </u>	<u> </u>	1	
4,4'-DDD	492		ug/Kg	ប	YES				[1		<u> </u>	<u> </u>	<u> </u>				<u> </u>	1	1
4.4'-DDE	492	<u> </u>	ug/Kg	U	YES					<u> </u>	<u> </u>	<u> </u>	[<u> </u>	1
4,4'-DDE	492		ug/Kg	Ų	YES				1	<u> </u>	<u> </u>	[1	1
4,4'-DDT	492		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>		1		1		1	ļ	<u> </u>	1
4,4'-DDT	492		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>	l	l		1			ļ		1
Aldrin	492		ug/Kg	U	YES				l				1	İ					<u> </u>	1
Aldrin	492		ug/Kg	U	YES					1			1						1	l
alpha-BHC	492		ug/Kg	U	YES					1			1		l				<u> </u>	[
alpha-BHC	492		ug/Kg	U	YES			-	1	1									1	1
alpha-Chlordane	492		ug/Kg	U	YES	R					R								<u> </u>	1
alpha-Chlordane	492		ug/Kg	U	YES	R					R		l							1
beta-BHC	492		ug/Kg	U	YES				ļ								<u> </u>			1
beta-BHC	492		ug/Kg	U	YES					l			l						1	<u> </u>
Chlordane	1640		ид/Кд	υ	YES														1	l
Chlordane	1640		ug/Kg	U	YES			[1
delta-BHC	38.3		ug/Kg	J	YES															
delta-BHC	38.3		ug/Kg	J	YES]													
Dieldrin	492	İ	ug/Kg	U	YES		1	- 1	l j	l					<u> </u>				<u> </u>	l
Dieldrin	492	j	ug/Kg	υ	YES					1									'	<u> </u>
Endosulfan I	492		ug/Kg	U	YES		١	1											l!	<u> </u>
Endosulfan i	492	ì	ug/Kg	U	YES			1		I I			l }]			1
Endosullan li	492)	ug/Kg	U	YES					L							1			<u> </u>
Endosulfan II	492		ug/Kg	Ų	YES												1			1
Endosultan sultate	492		ug/Kg	υ	YES	I		1			1									
Endosulfan sulfate	492		ug/Kg	U	YES	1	1	1			1	1	1		1					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: E11-113-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date : 07/13/2011

Analysis Type: DL

Sample Matrix : SO

Lab Sample ID: 31101872019

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Qual*	Temp	нт	мв	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Тиле	tC	ICV	CCV CCV
Analysis Method : 8081					Dilutio	n: 50														
Endrin	492		ug/Kg	U	YES				1	1		}					<u>l</u> j		1	l
Endrin	492		ug/Kg	U	YES						(1
Endrin aldehyde	492		ug/Kg	U	YES		}		1					1						1
Endrin aldehyde	492		ug/Kg	U	YES				1										İ	
Endrin kelone	492		ug/Kg	υ	YES						}	1	1						1	1
Endrin kelone	492		ug/Kg	υ	YES						!					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1	
gamma-BHC (Lindane)	695		ug/Kg		YES	J					J								1	1
gamma-BHC (Lindane)	695		ug/Kg		YES	J				1	J								1	1
gamma-Chlordane	492		ug/Kg	U	YES									,					1	1
gamma-Chlordane	492		⊔9/К9	U	YES															1
Heptachlor	492		ug/Kg	υ	YES							,]					
Heplachlor	492		ug/Kg	U	YES						ļ	•]	,.,				
Heptachlor epoxide	492		ug/Kg	U	YES		1			1					l i				1	
Heptachlor epoxide	492		ug/Kg	U	YES		1					i						.,,,,,,	1	
Methoxychlor	492		ug/Kg	υ	YES						İ]	
Methoxychlor	492		ug/Kg	U	YES		1]					-	1		1	
Toxaphene	1640	i	ug/Kg	U	YES		1			j										1
Toxaphene	1640	;	ug/Kg	U	YES	I	1			I			1						1	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: E11-113-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872019

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Łab Qual		Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	1C	(CV	CC/
Analysis Method : 6010C					Dilutio	on: 1		•···												
Arsenic	1.58		mg/kg		YES		l		1	1	i			}					1	
Arsenic	1.58		mg/kg		YES				 	: 	: [`` 	i		i		 		:	i
Barium	65.9		mg/kg		YES	3	i				 [` 	I		i i				i	1
Barium	65.9		mg/kg		YES		i													i
Cadmium	0.663		mg/kg		YES		·····												1	
Cadmium	0.663		mg/kg		YES]							
Chromium	14.0		mg/kg		YES	J	·····i					J								
Chromium	14.0		mg/kg		YES	J	·····				}	J			İ					
Lead	8.68		mg/kg		YES	J	· · · · · ·					J			l i		}			
Lead	8.68		mg/kg		YES	j	1					J	l							l
Selenium	1.90		mg/kg	U	YES		ı												· · · · · · · · · · · · · · · · · · ·	1
Selenium	1.90		mg/kg	υ	YES		1										i			
Silver	0.951		mg/kg	U	YES															
Silver	0.951		mg/kg	U	YES		1								1					
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0.0190	;	mg/kg	U	YES	*****	1		1	1										
Analysis Method : 8151					Dilutlo	n: 1			,,,,,,,,,,,,											
2,4,5·T	0.0162		mg/kg	U	YES		1]		l i		İ			1
2,4,5-TP (Silvex)	0.0162		mg/kg	U	YES		I										ĺ			
2,4'-D	0.0162	Ì	mg/kg	υ	YES	1			1				j		1		ĺ			
2,4-DB	0.0162	i	mg/kg	u	YES				1]			}		1			j		
Dicamba	0.0162	Ĭ	mg/kg	U	YES			1	J	ļ	l]		
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.62		ug/Kg	U	YES												1]		
1,1,1-Trichloroelhane	4.62	i	ug/Kg	U	YES]		j						- 1				
1,1,2,2-Telrachloroethane	4.62		ид/Кд	U	YES				1								<u></u>			
1,1,2-Trichloroethane	4.62		ug/Kg	U	YES :		1	1	1	1		1	ł		1	1			1	,

Project Number and Name:

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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 29 of 233

Client Sample ID : E11-113-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872019

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Łab Qual		Overall Qual*		нт	MB	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ic	ICV	CCV
Analysis Method : 8260B			*		Dilutio	on: 1			************											
1,1-Dichloroethane	4.62		ug/Kg	U	YES			•			ì	1	[1	
1,1-Dichloroethene	4.62		ug/Kg	U	YES							1	1	1	1		1			ĺ
1,1-Dichloropropene	4.62		ug/Kg	U	YES									[1				1	1
1,2,3-Trichlorobenzene	4.62		ug/Kg	U	YES		1								1 }		1		 	
1,2,3-Trichloropropane	4.62		ug/Kg	U	YES				 			}								
1,2,4-Trichlorobenzene	4.62		ug/Kg	U	YES	UJ	i i			1	UJ	 [1	i i		1		1]
1,2,4-Trimethylbenzene	4.62		ug/Kg	U	YES		i i						i	1	1		ii		/ 	i
1,2-Dibromo-3-chloropropane	27.7		ug/Kg	U	YES					i		` 			ii		i i		i I	i
1,2-Dibromoethane	4.62		ug/Kg	U	YES		i		• • · · · · · · · · · · · · · · · · · ·	1		: 		i	i i		i		i	:
1,2-Dichlorobenzene	4.62		ug/Kg	U	YES		i			l		}	` <i>-</i>						i I	i
1,2-Dichloroethane	4.62		ug/Kg	U	YES										iì				: 	i
1,2-Dichloropropane	4.62		ug/Kg	Ų	YES		1								İ				[1
1,3,5-Trimethylbenzene	4.62		ug/Kg	U	YES	*********				1		!			1				i	i
1,3-Dichlorobenzene	4.62		ug/Kg	U	YES		1								ĺ					í Í
1,3-Dichloropropane	4.62		ug/Kg	U	YES		1								İ					ĺ
1,4-Dichlorobenzene	4.62		ug/Kg	υ	YES		I								i i	·····i	i i			1
2,2-Dichloropropane	4.62		ug/Kg	U	YES		1										i			1
2-Bulanone	23.1		ug/Kg	U	YES		1			i					i i					
2-Chlorotoluene	4.62		ug/Kg	Ų	YES		1	1	· · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·					1		·	
2-Hexanone	11.5		ид/Ко	υ	YES		····i	i			 	 ا	i			 	· · · · · · · · · · · · · · · · · · ·			
4-Chlorololuene	4.62		ug/Kg	U	YES		·····i	·······							ii					
4-Isopropyttoluene	4.62		ug/Kg	U	YES :		····i	i		i		············								
4-Methyl-2-penianone	11.5	·	ug/Kg	U	YES		i	1		i.	 		1		· · · · · · · · · · · · · · · · · · ·	: !	······			
Acelone	8.32		ug/Kg	J	YES	:	<u>-</u> -	\ I	·······				!			·i				
Benzene	0.905	**	ug/Kg	J	YES						! 	:ا								
Bromobenzene	4.62		ug/Kg	U	YES						·······	·····					······		:ا	

Project Number and Name:

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Library Used: CampCarroll

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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: E11-113-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872019

Reviewed By / Date :							App	rovec	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		Tune	ıc	ICV	CV/
Analysis Method : 8260B					Diluti	งก: 1														
Bromochloromethane	4.62	!	ug/Kg	U	YES	:				1										1
Bromodichloromethane	4.62		ug/Kg	U	YES				1	l	1		1						1	1
Bromoform	4.62		ug/Kg	U	YES				1		[1	l				1			1
Bromomethane	4.62		ug/Kg	U	YES	}				1		1	[1	1
Carbon disulfide	4.62		ug/Kg	ប	YES				[]	}						1
Carbon tetrachloride	4.62		ug/Kg	υ	YES												 			1
Chlorobenzene	4.62		ug/Kg	U	YES								1			**				1
Chloroethane	4.62		ug/Kg	U	YES						}		j							1
Chloroform	4.62		ug/Kg	υ	YES		-		1							******				1
Chloromethane	4.62		ug/Kg	U	YES										ĺ					1
cis-1,2-Dichloroethene	4.62		ug/Kg	U	YES		- 1										1			
cis-1,3-Dichloropropene	4.62		ug/Kg	U	YES		1						1						 	1
Dibromochloromethane	4.62		ug/Kg	U	YES															1
Dibromomethane	4.62		ug/Kg	Ų	YES		i													ĺ
Dichlorodifluoromelhane	4.62		ug/Kg	υ	YES		<u> </u>	1											1	
Ethyl Benzene	4.62		ug/Kg	υ	YES														1	1
Hexachlorobutadiene	4.62	i	ug/Kg	U	YES		1										1		1	1
sopropylbenzene (Cumene)	4.62	1	ug/Kg	U	YES	1														l
m,p-Xylene	9.23	-	ug/Kg	U	YES		1	1											1	1
Methyl iodide	4.62		ид/Кд	ប	YES															[
Methylene chloride	18.5		ug/Kg	U	YES			1		,										1
Naphthalene	4.62		ug/Kg	U	YES												i i		1	1
n-Butylbenzene	4.62	1	ug/Kg	U	YES		·····i						1		1					1
1-Propylbenzene	4.62		ug/Kg	υ	YES		1	1	· · · · · · ·	<u>.</u>				i	}					1
-Xylene	4.62		ug/Kg	Ų ;	YES			1			 						}		1	1
	4.62		ug/Kg	U	YES															

Project Number and Name:

i»¿ - 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: E11-113-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872019

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quat*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	(CV	CCA
Analysis Method : 8260B					Dilutio	on; 1	*****													***************************************
Styrene	4.62		ид/Кд	U	YES	UJ				!	UJ			<u> </u>		-,				П
terl-Butyl methyl ether (MTBE)	4.62		ug/Kg	U	YES						!								1	l
tert-Bulylbenzene	4.62		ug/Kg	ប	YES		1													1
Tetrachloroethene	0.785		ug/Kg	J	YES		1								1					
Toluene	0.960		ug/Kg	J	YES								1		1				1	
trans-1,2-Dichloroethene	4.62		ug/Kg	υ	YES									(]	1
trans-1,3-Dichloropropene	4.62		ug/Kg	U	YES	ļ							1						1	
trans-1,4-Dichloro-2-bulene	23.1		ug/Kg	ย	YES		Ì								1		ĺ		l	
Trichloroethene	4.62		ug/Kg	U	YES	1	1						1							Ī
Trichlorofluoromethane	4.62		ug/Kg	Ų	YES															
Vinyl chloride	4.62		ug/Kg	υ	YES		1								1]]
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	330		ug/Kg	U	YES :	i	1	1			}									
1,2-Dichtorobenzene	330		ug/Kg	U	YES															
1,3-Dichlorobenzene	330		ug/Kg	U	YES	ŀ	1		- 1	}							1			1
1,4-Dichlorobenzene	330		ug/Kg	U	YES	1		1	1		-									
2,4,5-Trichlorophenol	330		ug/Kg	U	YES	1	Ì	Ì			i									1
2,4,6-Trichlorophenol	330	;	ug/Kg	υ	YES															1
2,4-Dichlorophenol	330	;	ug/Kg	υ	YES												1			1
2,4-Dimethylphenol	330	ļ	ug/Kg	U	YES	l	1		1	į					ĺ		į			
2,4-Dinitrolofuene	330		ug/Kg	Ų	YES		J		ı								Ì	J		
2,6-Dinitrolaluene	330		ug/Kg	V	YES :			1		·····	}									
2-Chloronaphthalene	330		ug/Kg	υ	YES			I		·····		1								1
2-Chlorophenol	330		ug/Kg	U	YES]	1	1					1]						i
2-Methylnaphthalone	330		ug/Kg	U	YEE	1	Ī	Ī	1	§		1	ļ				i			
2-Methylphenol	330	;	ug/Kg	U	YES ;			1			\$						1	1		
2-Nitrosniline	330	ì	ug/Kg	υį	YE3		1	1	1		j	1					1	1	1	

Project Number and Name:

i»¿ - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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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: E11-113-S4 Sample Date: 07/13/2011

Lab Sample ID: 31101872019

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date :

Analyte Name	Resuit	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 CA1
Analysis Method : 8270D					Dilutio	n: 1									.,					
2-Nitrophenol	330	;	ug/Kg	U	YES	1				1					1		1			
3 and/or 4-Methylphenol	330		ug/Kg	υ	YES	1				1					1					
3-Nitroaniline	330		ug/Kg	U	YES]								1					l
4-Bramophenyl phenyl elher	330		ug/Kg	U	YES		I				1		1]						
4-Chloro-3-methy/phenol	330		ug/Kg	U	YES	1							1	1						
4-Chloroaniline	330		ug/Kg	U	YES	1														
4-Chlorophenyl phenyl ether	330		ug/Kg	υ	YES				ĺ				! 		1					
4-Nitroaniline	330		ug/Kg	U	YES															
4-Nitrophenol	330		ug/Kg	U	YES		1		1				 				}			
Acenaphthene	330		ug/Kg	U	YES	1	1													
Acenaphthylene	330		ug/Kg	U	YES									1			l		1	1
Anthracene	330		ug/Kg	U	YES			i					1					•		
Benzo(a)anthracene	330		ug/Kg	U	YES	ļ	·····										1			1
Велго(а)ругеле	330		ug/Kg	υ	YES }		Ĭ										ì			1
Benzo(b)fluoranthene	330		ug/Kg	U	YES						i		l							1
Benzo(g,h,i)perylene	330		ug/Kg	υ	YES	į	1	·····	i	i i					1					1
Benzo(k)fluoranthene	330	•	ug/Kg	U	YES :	1	-			i	}				1					i
Bis(2-Chloroethoxy)methane	330		ug/Kg	U	YES	į	1			1	}				1				[1
Bis(2-Chloroethyl)ether	330		ug/Kg	U	YES :		1			i	i				1					1
Bis(2-Chloroisopropyl)ether	330	i	ug/Kg	V	YES	1		ı	1	1	i								1	i
Bis(2-Ethylhexyl)phthalate	3130	ĺ	ug/Kg		YES		1		ĺ	1						1			ĺ	1
Butyi benzyi phthalale	330		ug/Kg	U	YES	1	1	1		1	1						I			i
Chrysene	330	Î	ug/Kg	U	YES	1	1		1	1	1						i			í
Dibenz(a,h)anthracene	330	:	ug/Kg	U	YES			1					i			······				
Dibenzofuran	330		ug/Kg	υ	YES	· · · · · · · · · · · · · · · · · · ·	·····i	Ì	1			·····	1			,	1			
Diethyl phthalate	330	·····	ug/Kg	υ	YES	1	1	i	1		·····i						1			

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

Library Used: CampCarroll

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: E11-113-S4

Reviewed By / Date:

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872019

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	Field QC	Tune	ıc	ICV	CCA
Analysis Method : 8270D					Diluti	on: 1					••••									****
Dimethyl phthalate	330	:	ид/Кд	Ų	YES		i]			T	į –	ı	1		l i		1	1
Di-n-butyl phthalate	330		ug/Kg	U	YES		1 1			1	1		i							
Di-n-octyl phthalate	330		ug/Kg	U	YES	UJ			1	UJ	}		1		1				1	
Fluoranthene	330		ug/Kg	U	YES				1	i		1			1				1	
Fluorene	330		ug/Kg	U	YES				l			i	i]	ĺ				Ì	1
Hexachlorobenzene	330		ug/Kg	Ų	YES		1			1				(1	1
Hexachlorobutadiene	330		ug/Kg	υ	YES								1						1	
Hexachlorocyclopentadiene	330		ug/Kg	U	YES		I) }	1	1						1	i
Hexachioroethane	330		ug/Kg	U	YES				1		 	1			i i				1	i
Indeno(1,2,3-cd)pyrene	330		ug/Kg	υ	YES		i İ				 	1	1		i				i	
Isophorone	330		ug/Kg	U	YES		1											.,	1	
Naphthalene	330		шд/Кд	U	YES						{]	1		[İ
Nitrobenzene	330		ug/Kg	Ų	YES						 				1				Ì	!
n-Nitrosodi-n-propylamine	330		ug/Kg	υ	YES						 	 			1 .				i 	:
Pentachiorophenol	330		ug/Kg	U	YES		1				 !	: 								i
Phenanthrene	330		ug/Kg	U	YES		······								i i				 	
Phenol	330		ug/Kg	U	YES						i 						i		: 	i
Pyrene	330		ug/Kg	U	YES		·····i	,			,	` }			i		·····i		 I	:

Project Number and Name:

- 11-032E Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2

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 : E11-114-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872021 Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overat Qual*	l Temp	нт	MS	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ιcν	CCV CCV
Analysis Method : 6010C					Dilutio	on: 1														
Arsenic	1.89		mg/kg		YES		ļ	l		<u> </u>	l	1	[<u> </u>	<u> </u>				<u> </u>	<u> </u>
Arsenic	1.89		mg/kg		YES		1	l	l	<u> </u>	İ	l	<u> </u>	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>
Barium	81,4		mg/kg		YES		1		<u> </u>		<u> </u>	ļ	l	<u> </u>	<u> </u>		l		<u> </u>	<u> </u>
Barium	81.4		mg/kg		YES		<u> </u>		l		<u> </u>		<u> </u>	l	l i		1		l	l.,
Cadmium	0.615		mg/kg		YES	υ			ឋ		!		<u> </u>	Ì	l		[<u> </u>	<u> </u>
Cadmium	0.615		mg/kg		YES	U			U				<u> </u>	<u> </u>	<u> </u>				<u> </u>	
Chromium	4.78		mg/kg		YES		1		l	1	1		ł							
Chromium	4.78		mg/kg		YES		1]					
Lead	9,76		mg/kg		YES								l		1					
Lead	9.76		mg/kg	į	YES								l	!	İ					<u> </u>
Selenium	1.87	ì	mg/kg	U	YES								l		İ					
Selenium	1.87	ĺ	mg/kg	U	YES										[:					
Silver	0.935		mg/kg	υ	YES										1					
Silver	0.935		mg/kg	U	YES										Ì					
Analysis Method : 7471B					Dilutio	n: 1							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-1						
Mercury	0.0220		mg/kg	U	YES								<u> </u>		1				<u> </u>	<u> </u>
Analysis Method : 8081					Dilutio	n: 1														
4,4'-DDD	10.4		ug/Kg	υ	YES										1					
4,4'-DDD	10.4		ug/Kg	υ	YES		1					1	1		l i		ļ		<u> </u>	!
4,4'-DDE	10.4		ug/Kg	U	YES		l					l					ŧ			
4,4'-DDE	10.4		ug/Kg	U	YES					į							-	1		
4,4'-DDT	1.79		ug/Kg	JP	YES	J]	J			J						1			
4,4'-DDT	1.79		ug/Kg	JP	YES	J					J				1				1	
Aldrin	10.4		ug/Kg	U	YES							ا	1	1	1]	ĺ	
Aldrin	10.4	į	uợ/Kạ	U	YES :		Ī	1	1]					,			
alpha-BHC	10.4		ug/Kg	U	YES			1	1	į			j			I)		
alpha-BHC	10.4		па/Ка	1)	YES					1						i		I		

Project Number and Name:

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Library Used: CampCarroll

ADR 8.2

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 : E11-114-S1 Sample Date : 07/12/2011 Lab Report Batch: 31101872

Analysis Type: RE\$

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872021

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty I Error	Result Units	Lab Qual		Overall Quai*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToVDis		Tune	IC	ICV	CCA
Analysis Method : 8081					Dilutio	วก: 1								••						
alpha-Chlordane	10.4		ug/Kg	U	YES	R			1		R	į	1	}					1	1
alpha-Chlordane	10.4		ug/Kg	U	YES	R			1	1	R	1		1	l	1]			
beta-BHC	10.4		ug/Kg	U	YES	ļ					1			1			1			[
beta-BHC	10.4		ug/Kg	U	YES				1]									
Chlordane	34.6		ug/Kg	U	YES				[[
Chlordane	34.6		ug/Kg	U	YES				1										[
della-BHC	10.4		ug/Kg	U	YES				1			j								1
della-BHC	10,4		ug/Kg	U	YES		[1			1							1	
Dieldrin	10,4		ug/Kg	U	YES				1										1	
Dieldrin	10.4		ug/Kg	U	YES				l	1]		1	1			1			
Endosulfan I	10.4		ug/Kg	U	YES															
Endosulfan I	10.4		ug/Kg	υ	YES		·····					1			!					1
Endosulfan il	10.4		ug/Kg	U	YES							(•••••				
Endosulfan II	10.4		ug/Kg	U	YES]			l				}					1	
Endosulfan sulfate	10.4	ì	ug/Kg	U	YES		<u>/</u>					1				•••••	i			
Endosulfan sulfate	10.4		ug/Kg	υ	YES		١		i]	i						1	
Endrin	10.4		ug/Kg	U	YES	1			i			}	1							1
Endrin	10,4		ug/Kg	U	YES	1											}			1
Endrin aldehyde	10.4		ug/Kg	U	YES														1	ŀ
Endrin aldehyde	10.4		ug/Kg	U	YES		1												i .	1
Endrin ketone	10.4	į	ug/Kg	U	YES	1	1					1							l	1
Endrin ketone	10.4		ug/Kg	บ	YES															1
gamma-BHC (Lindane)	10.4	;	ug/Kg	U	YES								i							
gamma-BHC (Lindane)	10.4		ид/Кд	U	YES	· · · · · · · · · · · · · · · · · · ·														1
gamma-Chlordono	10.4	į	ид/Кд	U	YES	i	i	i	Ì			l							i i	i .
gamma-Chiordane	10.4		ug/Kg	U	YES		I	1				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 ; E11-114-S1 Sample Date: 07/12/2011

Lab Sample ID: 31101872021

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*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 8081					Dilutio	on: 1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
Heptachlor	10.4		ug/Kg	Ü	YES	. 1		1	1	l .	1	1		i i	1				1	
Heplachlor	10.4	;	ug/Kg	U	YES	.			Ï			1		İ						1
Heplachlor epoxide	10.4	İ	ug/Kg	Ų	YES	1	,,,,,,,,,,					ļ	1							l
Heptachior epoxide	10.4		ug/Kg	U	YES						į		1		[[]]	
Methoxychlor	10.4		ug/Kg	U	YES	i				l	1		l		1				1	
Methoxychlor	10.4		ug/Kg	U	YES						}		l	[1					
Toxaphene	34.6		ug/Kg	U	YES	1					i		I		1				1	
Toxaphene	34.6		ug/Kg	U	YES	1														
Analysis Method : 8151					Dilutio	n: 1							******							
2,4,5-T	0.0178		mg/kg	V	YES	i				1			1		1					1
2,4,5-TP (Silvex)	0.0178		mg/kg	υ	YES	ı						!	1						1	l
2,4'-D	0.0178		mg/kg	U	YES	1				1										
2,4-DB	0.0178	;	mg/kg	Ų	YES	Ì							1							1
Dicamba	0.0178		mg/kg	U	YES	1]		1		1					
Analysis Method : 8260B			,		Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	3.81	:	ug/Kg	U	YES	***	- 1		j .						1					i
1,1,1-Trichloroelhane	3.81	;	ug/Kg	Ų	YES]]					i
1,1,2,2-Tetrachloroethane	3.81		ug/Kg	υ	YES		1		1											
1,1,2-Trichloroethane	3.81		ug/Kg	U	YES	1	1								i i			••••		1
1,1-Dichloroethane	3.81		ug/Kg	U	YES		1]			i
1,1-Dichloroethene	3.81		ug/Kg	U	YES	1				i										
1,1-Dichloropropene	3.81		ug/Kg	υ	YES										l f		1			
1,2,3-Trichlorobenzene	3.81	:	ug/Kg	U	YES	i	1		[
1,2,3-Trichloropropane	3.81	:	ug/Kg	U	YES	1	1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1								
1,2,4-Trichlorobenzene	3 81	;	ug/Kg	U ;	YES :	u.i	1				UJ	i				j				
1,2,4-Trimelhylbenzene	3.81	1	ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·										1			
1,2-Dibromo-3-chloropropane	22.9	:	ug/Kg	Ų	YES		1			i							1			

Project Number and Name:

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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 : E11-114-S1 Sample Date : 07/12/2011 Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872021

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		Тиле	IC	icv	CCA CA1
Analysis Method : 8260B					Diluti	០រា: 1														
1,2-Dibromoelhane	3.81	1 1	ug/Kg	U	YES	:				1					1]	
1,2-Dichlorobenzene	3,81		ug/Kg	U	YES	:	i								1		1		1	Ī
1,2-Dichloroethane	3.81		ug/Kg	U	YES		ı				{						1			
1,2-Dichloropropane	3.81		ug/Kg	U	YES		ı		i								1			1
1,3,5-Trimethylbenzene	3.81	!	ug/Kg	U	YES					1									1	l
1,3-Dichlorobenzene	3.81		ug/Kg	U	YES					1									1	1
1,3-Dichloropropane	3.81		ид/Кд	U	YES														1	
1,4-Dichlorobenzene	3.81		ид/Кд	U	YES										1				1	
2,2-Dichloropropane	3,81		ug/Kg	ប	YES					l							1		1	
2-Butanone	19.1		ug/Kg	υ	YES												}		1	
2-Chlorotoluene	3.81		ug/Kg	Ų	YES										1]			
2-Hexanone	9.53		ug/Kg	υ	YES															
4-Chlorotoluene	3.81	İ	ug/Kg	U	YES		1								j i		1			
4-Isapropylloluene	3.81	:	ug/Kg	U	YES		1]]		1		ļ	<u> </u>
4-Methyl-2-penlanone	9.53	i	ug/Kg	U	YES							1]				[İ
Acelone	27.9		ug/Kg	J	YES										1 :					
Benzene	3,81		ug/Kg	υ	YES		1)			1 1		1			1
Bromobenzene	3,81		ug/Kg	U	YES		1			i i	1		j				1			
Bromochloromethane	3.81		ug/Kg	υ	YES		1	I		1	1		ì							l
Bromodichloromethane	3.81	:	ug/Kg	ប	YES	3					\$	1					1			
Bromoform	3.81		ug/Kg	U	YES	(1		(1	1			l i	· · · · · · · · · · · · · · · · · · ·	1			1
Bromomelhane	3.81	:	ug/Kg	U	YES		- 1	[1			1	Ì							
Carbon disulfide	3.81	:	ид/Кд	υ	YES			1			i		1							1
Carbon tetrachloride	3.81	;	ug/Kg	U	YES			١			1		1							
Chlorobenzene	3.81		ug/Kg	U	YES	1					1	···· i	1			. 1	1	į		i
Chloroethane	3.81		ид/Кд	υ	YES :		1	1	1	1	í	1			1	1	1			1

Project Number and Name:

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Library Used: CampCarroll

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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 : E11-114-S1 Sample Date : 07/12/2011 Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Lab Sample ID: 31101872021

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 CA1
Analysis Method ; 8260B					Dilutio	on: 1														
Chloroform	3.81		ug/Kg ;	Ų	YES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1	[1	1	1						l	
Chloromethane	3.81		ug/Kg	U	YES						}	i	1							
cis-1,2-Dichloroethene	3.81		ug/Kg	U	YES	i										****			l	1
cis-1,3-Dichloropropene	3.81		ug/Kg	U	YES		1													
Dibromochloromethane	3.81		ид/Кд	U	YES	ì														
Dibromomethane	3,81		ug/Kg	U	YES				1											
Dichlorodifluoromethane	3.81		ug/Kg	U	YES						1									
Ethyl Benzene	3.81		ug/Kg	U	YES		i				1									
Hexachlorobutadiene	3.81		ug/Kg	U	YES							}	Ì						1	
Isopropylbenzene (Cumene)	3.81		ug/Kg	U	YES		·····												1	
m,p-Xylene	7.62		ug/Kg	υ	YES	1														
Methyl iodide	3.81		ug/Kg	U	YES				1			{			1					1
Methylene chloride	0.679		ug/Kg	J	YES	ļ	·····								ŀ					1
Naphthalene	3.81		ug/Kg	Ų	YES	1	ii												1	
n-8ulyibenzene	3.81		ug/Kg	U	YES														1	'
n-Propylbenzene	3.81	;	ug/Kg	U	YES]					
o-Xylene	3.81		ug/Kg	U	YES	ĺ	1								1					'
sec-Butylbenzene	3.81	;	ug/Kg	U	YES		1			į				-	1					'
Styrene	3.81	-	ug/Kg	υ	YES	UJ					UJ				1		i			
tert-Butyl methyl ether (MTBE)	3.81	į	ug/Kg	U	YES					.,										
tert-Butylbenzene	3.81	i	ug/Kg	U	YES		ĺ						1							
Tetrachloroethene	3,81		ug/Kg	U	YES	1														
Toluene	3.81	ĺ	ug/Kg	υ	YES	1							1		1					
trans-1,2-Dichloroethene	3.81		ug/Kg	υ	YES]									1					
trans-1,3-Dichloropropeno	3.81	:	ug/Kg	U	YES		1			-				1	i		1		l	
trans-1,4-Dichforo-2-butene	19.1	;	ug/Kg	υ	YES			1			i		ĺ				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: E11-114-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872021

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*		нт	MB	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis	Field QC	Tune	íC	ICV	CV/
Analysis Method : 8260B	Kesuk	Etioi	Oliks	Wuai	Diluti		remp	191	IVIES	LO3	mo	Dup	Juli	Cilian	100013					
Trichloroethene	3.81	;	ug/Kg	Ü	YES	011. 1			1	1	!	i		I	i		1 3		<u> </u>	1
Trichlorofluoromethane	3.81		ug/Kg	<u></u>	YES				! !	! 	! {	! I	! 	! -	!! !		! !		! [! i
	3.81		ug/Kg		YES				! I	J 1	! }	! !	.! I	! !	!		! 	• • • • • • •	 	1
Vinyl chloride Analysis Method : 8270D		.!	ug/tg :		Dituti			• • • • • • • • •		! 	3	1	.!		!		!			!
1,2,4-Trichlorobenzene	337	1	ug/Kg	U	YES		· i		1	1	 !	}	 1	 (I 8	 !			i	 I
1,2-Dichlorobenzene	337		ug/Kg	U	YES		!		l I	! I	! I	l I	! 	! 			'		! !	
1,3-Dichlorobenzene	337		ug/Kg	Ü	YES				l., I	!	! I	l I	! !	! I			!		! 	1
1.4-Dichlorobenzene	337	ļi	ug/Kg	<u>`</u>	YES	ļ	!		! !	!	 I	L		! I	!		!! !	• • • • • • •	!	ļ
2,4,5-Trichiorophenol	337		ug/Kg	U	YES	·····	!		! !	! !	!	! !	! !	' I	!! 		!		! !	1
2,4,6-Trichlorophenol	337	ļ	ug/Kg	<u>U</u>	YES		!		! !	!	!	! !	!	! 	!: 		!		! 	
2,4-Dichlorophenol	337		ug/Kg	U	YES				! !	!	ł	! !	! !	! !	!!		!		<u>'</u>	ļ
	337		ug/Kg	U	YES		!		i	!	} 	! !	! !	' !	!! i				 I	!
2,4-Dimethylphenol 2,4-Dinitrololuene	337	[-	ug/Kg	<u>U</u>	YES				 	j. 	! !	} 	!		!! !		i		! 1	
2.6-Dinitrotoluene	337	ļ -	ug/Kg	u	YES						! 	! !	! !				! ! !		! !	ļ
	337	ļ -	ug/Kg	U	YES					! !	!	! !	ļ						! !	1
2-Chloronaphthalene	337	ļ		U	YES					! !		! !			!		!		! !	!
2-Chlorophenol	337	·····	ug/Kg	U	YES					!		 			!				! !	<u> </u>
2-Methylnaphthalene	337		ид/Кд	υ	YES					! 		!	1		<u> </u>				<u> </u>	1
2-Methylphenol		ļ	ug/Kg										!						! !	!
2-Nitroaniline	337		ug/Kg	u	YES								<u> </u>						 	
2-Nitrophenol	337		ug/Kg		YES										 <u> </u>					
3 and/or 4-Methylphenol	337		ug/Kg	U	YES		!	!				!	ļ				i		ļ	1
3-Nitroaniline	337		ug/Kg	U	YES												ļ			ļ
4-Bromophenyl phenyl ether	337		ug/Kg	U	YES										!					
4-Chloro-3-methylphenoi	337		ug/Kg	U	YES												L		!	ļ
4 Chloroaniline	337		ug/Kg	U	YES	1											ļļ			<u>!</u>
4-Chlorophenyl phenyl ether	337		ид/Кд	U	YES		,,	J												<u>!</u>
I-Nitroanlline	337		ug/Kg	U	YES	1	- 1	- 1					1		-					Í

Project Number and Name:

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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 : E11-114-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872021 Analysis Type: RES

Sample Matrix: SO

Analyte Name	Result	Uncertainty /	Result Units	Lab Qual	Rep Res	Overa# Qual*	Tomr	нт	мв	LCS	MS	Lab Dup	Surr	Rep	Moist ToUDis		Tune	ıc	icv	CV/ CCV
Analysis Method : 8270D	Resun	ELIOI	Unks	Quai	Diluti		remp		MID	LUS	mo	սսի	Suri	LIIIIL	1000/18	ųς	14116			CCV
4-Nitrophenol	337	:	ug/Kg	U	YES	UII. 1				 I	:	······	1	1	1				1	1
<i>-</i>	337	ļ	ug/Kg	<u>.</u>	YES				<u>!</u>	<u> </u> 		!	1	!	!!				ļ	ļ
Acenaphthene Acenaphthylene	337	<u> </u>	ug/Kg		YES	i			<u>!</u>	! !	1	} !	!	1 1	!!				<u> </u>	1
Anthracene	337	{/	ug/Kg	<u>u</u>	YES	į		• • • • • • • • • • • • • • • • • • • •	ļ	! !	<u> </u>	L		! !	!! !		!		<u> </u>	:
	337	[ug/Kg		YES				ļ	<u> </u>	1	ļ	!	 	! !		!		ļ	
Benzo(a)anthracene	337	ļ		U	YES	} <u> </u>	!		1	ļ	ļ		!			••••			<u> </u>	!
Benzo(a)pyrene Benzo(b)fluoranlhene	337	[ug/Kg ug/Kg	u	YES	ļ <u> </u>	!		1	<u> </u>	}	1	! 1		!				<u> </u>	ļ
	337	ļ		<u></u>	YES				!	ļ i	 	i			<u> </u>				1	<u> </u>
Benzo(g,h,i)perylene Benzo(k)fluoranthene	337	‡!	ид/Кд		YES				1	<u>.</u>	<u> </u>	} 	i 	!	!!				!	<u> </u>
Bis(2-Chloroethoxy)methane	337	<u> </u>	ug/Kg	U	YES				<u> </u>	!	 	f !	!	}	!				!	1
	337	ļ	ug/Kg	<u>u</u>	YES				1	! 	 -	i I	!		<u>!</u>				<u> </u>	1
Bis(2-Chloroethyl)elher Bis(2-Chloroisopropyl)elher	337		ug/Kg	U		ļļ					ļ	ļ 	ļ 						ļ	ļ
	337		ug/Kg		YES					!	<u> </u>								ļ	
Bis(2-Elhylhexyl)phthalate	<u></u>		ug/Kg	U	YES						<u> </u>	<u> </u>							ļ	
Bulyl benzyl phthalate	337		ug/Kg		YES						<u>!</u>								[ļ
Chrysene	337		ug/Kg	<u>u</u>	YES			!			1				<u>!</u>					ļ
Dibenz(a,h)anthracene	337		ug/Kg	U	YES					ļ	ļ		ļ		!				<u>[</u>	ļ
Dibenzoluran	337		ug/Kg	U	YES															ļ
Diethyl phlhalate	337		ид/Кд	U	YES															ļ
Dimethyl phthalate	337		ug/Kg	U	YES		<u> </u>				l								ļ	ļ
Di-n-butyl phthalate	337	·	ug/Kg	U	YES														ļ	
Di-n-octyl phthalate	337		ug/Kg	U	YES	UJ į			[UJ			<u>.</u>	!		!	!		l	l
Juoranthene	337		ug/Kg	U	YES					 .	l		l			!		!	l!	l
luorene	337		ug/Kg	ប	YES					L			<u> </u>				1			<u>İ</u>
texachlorobenzene	337	•	ug/Kg	U	YES		1		1			į		- 1	İ	ı	į		i	İ
-loxachiorobutadiene	337		ug/Kg	U	YES								l	!						<u> </u>
-texachlorocyclopentadiene	337		ug/Kg	U	YES]		1				1		1						1

ADR 8.2

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

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^{*} Overalt 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: E11-114-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872021

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	Field QC	Tune	ic	ICV	CCV
Analysis Method : 8270D		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Diluti	on: 1							.,							
Hexachloroethane	337	;	ug/Kg	U	YES	:						Ϊ	l		1		l		<u> </u>	1
indeno(1,2,3-cd)pyrene	337		ид/Кд	U	YES								ŀ] ;				1	l
Isophorone	337		ug/Kg	Ú	YES		1								1				1	l
Naphthalene	337	;	ug/Kg	Ų	YES			, , , ,]]	<u> </u>
Nitrobenzene	337		ug/Kg	U	YES	;				1			1						1	
n-Nitrosodi-n-propylamine	337		ug/Kg	U	YES					1										
Pentachlorophenol	337		ug/Kg	U	YES						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				1				J	
Phenanthrene	337		ug/Kg	U	YES															
Phenoi	337		ug/Kg	U	YES		1							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Pyrene	337		ug/Kg	U	YES		1													

Project Number and Name:

تهي - 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 automated data review and any qualifiers added manually for categories not assessed by automated data review Page 42 of 233

Client Sample ID: E11-114-S2 Sample Date: 07/12/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Lab Sample ID: 31101872022

Reviewed By / Date:

Approved By / Date :

					_										****					
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	1C	ICV	CCA
Analysis Method : 6010C					Dilutio	วก: 1							*******							
Arsenic	4.96		mg/kg		YES	***************************************			i	i	1]	[į			1			
Arsenic	4.96		mg/kg		YES				ĺ		1				1					
Barium	76.1		mg/kg	-,	YES							[1			. , , , , , , ,		
Barium	76.1		mg/kg	•••••	YES								1						1	
Cadmium	0,702		mg/kg		YES	U			U		İ		l	ì						1
Cadmium	0.702		mg/kg		YES	Ų			U					Ì						1
Chromium	5.78		mg/kg		YES						Į			1						
Chromium	5.78		mg/kg		YES								1							l
Lead	11.3		mg/kg		YES								1	ĺ	1				1	
Lead	11.3		mg/kg		YES								ĺ				ì	.,	1	
Selenium	1,87		mg/kg	U	YES								1		1				1	
Selenium	1.87		mg/kg	U	YES									!					1	
Silver	0.934		mg/kg	U	YES		1								l i					ĺ
Silver	0.934		mg/kg	ป	YES					ĺ							1			1
Analysis Method : 7471B					Dilutio	n: 1					.,	********								
Mercury	0.00155		mg/kg	J	YES	1									ſ				1	i
Analysis Method : 8081					Dijutio	n: 1														
4,4'-DDD	0,483	į	ug/Kg	JP	YES	J	1				J						!			
4,4'-DDD	0,483		ug/Kg	JP	YES	J	ĺ				J									
4,4'-ODE	1.95		ug/Kg	J	YES	j	1	1		j	j				1		1			
4,4'-DDE	1.95		ug/Kg	J	YES :	J	ı	1		1	J				1		{			
4,4'-DDT	6.74	ĺ	ug/Kg	J	YES :	J		1		1	J						ţ			1
4,4'-DDT	6.74		ug/Kg	J	YES	J			J		J									1
Aldrin	10.2	-	ug/Kg	U	YES					i	1]
Aldrin	10.2	· · · · · · · · · · · · · · · · · · ·	ug/Kg	V	YES :		1					1								
alpha-BHC	10.2	·····	ug/Kg	U	YES	ļ	1	1			i	1				· · · · · i	ĺ			
aipha-BHC	10.7]	ug/Kg	11	YES		I	l	1			1			í		1			

Project Number and Name:

ADR 8.2

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Library Used: CampCarroll

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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 : E11-114-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872022 Analysis Type: RES

Sample Matrix: SO

Analyte Name	Result	Uncertainty / Error	Result Units	£ab Qual	Rep Res	Overall Quat*	Temp	нT	мв	LCS	MS	Lab Đượ	Surr	Rep Limit	Moist Tot/Dis		Tune	(C	ΙCV	CCA
Analysis Method : 8081	······································	······································	····	**********	Dilutio	on: 1														
alpha-Chlordane	10.2		ug/Kg	U	YES	R			<u> </u>		R									1
alpha-Chlordane	10.2		ug/Kg	Ų	YES	R			1		R	\$		i						
beta-BHC	10.2		ug/Kg	U	YES	}			ĺ			ì								1
beta-BHC	10.2	:	ug/Kg	U	YES	1	1			1			[1			1		1	1
Chlordane	34.1		ug/Kg	U	YES		Ī							Í					1	I
Chlordane	34.1		ug/Kg	U	YES															
delta-BHC	10.2		ug/Kg	U	YES								j							
delta-BHC	10.2		ug/Kg	U	YES				l		[1							[
Dieldrin	10.2		ug/Kg	U	YES		1		i		1		1							
Dieldrin	10.2		ug/Kg	U	YES	1	1			1	}									
Endosulfan I	10.2		ug/Kg	υ	YES		·····			ĺ			1 .							1
Endosulfan i	10.2		ug/Kg	U	YES						1				1				1	I
Endosulfan II	10.2		ид/Кд	U	YES)	1				}		1	,,,,,,,]			
Endosullan II	10.2		ug/Kg	ម	YES	1					[Ì				ŀ	
Endosulfan sulfate	10.2		ug/Kg	U	YES															1
Endosulfan sulfale	10.2		ug/Kg	U	YES															1
Endrin	10.2	;	ug/Kg	U	YES	į	1													1
Endrin	10.2		ug/Kg	υ	YES	1	1			f										1
Endrin aldehyde	10.2		ug/Kg	U	YES :		1										;		l	
Endrin aldehyde	10.2		ид/Кд	U	YES		1	1			[1		1			l
Endrin kelone	10.2		ug/Kg	υ	YES		1	1			()						I			1
Endrin ketone	10.2		ug/Kg	υ	YES		1	1			i , i								1	1
gamma-BHC (Lindane)	10.2		ug/Kg	u į	YES		1				j i		Ĭ							1
gamma-BHC (Lindane)	10.2		ug/Kg	V	YES			1					l .				1			1
gamma-Chiordane	10.2	:	ug/Kg	V	YES			Î									l		l	l
gamma-Chlordane	10.2	····	ug/Kg	υ	YES	· · · · · · · · · · · · · · · · · · ·	1	1		1			1		l		ĺ			1

Project Number and Name:

ADR 8.2

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Library Used: CampCarroll

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 : E11-114-S2 Sample Date : 07/12/2011

Lab Sample ID: 31101872022

Lab Report Batch: 31101872

Lab ID : SGSW Sample Matrix : SO

Analysis Type: RES

Reviewed By / Date :

Approved By / Date:

Analyle Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overal Quai*		нτ	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IG	ICV	CCV
Analysis Method : 8081					Dilutio	on: f														
Heplachlor	10.2		ug/Kg	U	YES		í I		1]			1				1			1
Heptachlor	10.2	;	ug/Kg	U	YES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1		ļ		1		i		l i			1
Heptachlor epoxide	10.2	;	ug/Kg	U	YES						ļ	,			1]		1	
Heptachlor epoxide	10,2		ug/Kg	U	YES]				}				1		1			
Methoxychlor	10.2		ug/Kg	U	YES				1		İ				!					
Methoxychlor	10.2		ug/Kg	υ	YES								l							
Toxaphene	34.1		ug/Kg	U	YES								1		1					
Toxaphene	34.1		ug/Kg	U	YES										l 1				l	1
Analysis Method : 8151					Ditutlo	n: 1														
2.4,5·T	0.0169		mg/kg	υ	YES		[]						[1 1					1
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES								1							1
2,4'-D	0.0169		mg/kg	U	YES		1						i						1	
2,4-DB	0.0169		mg/kg	U	YES														'	1
Dicamba	0.0169		mg/kg	U	YES															
Analysis Method : 8260B					Dilutio	n: 1											· · · · · · · · · · · · · · · · · · ·			
1,1,1,2-Tetrachloroethane	5.34		ug/Kg	V	YES		l			1	1						Į			
1,1,1-Trichloroethane	5.34		ug/Kg	υ	YES		ĺ								Ì		1			
1,1,2,2-Tetrachloroethane	5.34		ug/Kg	U	YES		1		1	· · · · · · · · ·			[1		1	
1,1,2-Trichloroethane	5.34		ug/Kg	U	YES		1												· · · · · ·	
1,1-Dichloroethane	5.34		ug/Kg	U	YES		1		1										i I	
1,1-Dichloroethene	5.34	;	ид/Кд	ט	YES		1	1	1	· · · · · · · · · · · · · · · · · · ·					1				í	
1,1-Dichtoropropene	5.34	;	ug/Kg	U	YES		1	1			 Ì			1		1				
1,2,3-Trichlorobenzene	5.34		ug/Kg	U	YES :						 			· · · · · · · · · · · · · · · · · · ·		1				
1,2,3-Trichloropropane	5.34		ид/Кд	U	YES				1			i	[i	Ì			1	
1,2,4-Trichlorobenzene	5.34		ид/Кд	U	YES :	υJ	1			1	UJ	1		i						
1,2,4-Trimethylbenzene	5.34		ug/Kg	U	YES	j	i	1	Ì	· · · · · · · · ·	·····i	·\		i		i	i		i	
1.2-Dibromo-3-chloropropane	32.0		ua/Ka	U	YES		i	<u>`</u>	i				1	· · · · · · i		·····ì			· · · · · · · i	

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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 : E11-114-S2 Sample Date: 07/12/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Lab Sample ID: 31101872022

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	CV/
Analysis Method : 8260B					Diluti		.i.viiiy					- Cup		Linect	100013		rune			
1,2-Dibromoethane	5.34	;	ug/Kg	U	YES	: !	-		1	1		1	j		1		!	!		1
1,2-Dichlorobenzene	5.34		ug/Kg	U	YES		 I		 I	 I		 	. <u>.</u> 	 1	í	! <i>,</i> 	! 		/ 	1
1,2-Dichloroelhane	5.34		ug/Kg	V	YES					! 	 	<u>-</u> 	. <u>'</u>	: 		¦ ¦	' [•••••		<u></u>
1,2-Dichloropropane	5.34		ug/Kg	U	YES		······		/ 	i	 	:]	: 	!	! !			: 1	<u></u>
1,3,5-Trimethylbenzene	5.34		ug/Kg	U	YES		·i		' 	 I	i	: (I	' 		! 			<u>!</u> I	i
1,3-Dichlorobenzene	5.34		ug/Kg	U	YES		<u>'</u>		'	/ 	/ 	\ 		! !	!	! 	'		<u>'</u> I	1
1,3-Dichloropropane	5.34		ug/Kg	υ	YES		: 1		'	 		' 	: 	/ {	! 	! }	·		/ 	
1,4-Dichlorobenzene	5.34		ug/Kg	U.	YES				 [/ 	/ 	<u></u> 	i	: (!i	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		/ 	i
2,2-Dichloropropane	5.34		ug/Kg	U	YES		<u>:</u> 		' 	<u></u>	<u></u>	: 1	1 	: 	!i			• • • • • • • • • • • • • • • • • • • •	' I	i
2-Sutanone	26.7		ug/Kg	U	YES		: 	 ا	`	 	<u>:</u>	: {	: 	: 	!i				: 	<u>:</u>
2-Chlorotoluene	5.34	•	ид/Кд	ย	YES		: 			<u>:</u> 	: 	` 	: 		!: 		:		! 	i
2-Hexanone	13.4		ug/Kg	U	YES	i	····i	·'	` 	 	·	: 					i		<u>.</u>	
4-Chlorotoluene	5.34		ug/Kg	υ	YES		······i	 ا		i 		````	` 		:				' 	:
4-Isopropyltoluene	5.34		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·		'ا		i			·						' 	i
4-Methyl-2-pentanone	13.4		ug/Kg	U	YES			: 		 	······································								 [!
Acelone	41.0		ug/Kg	J	YES			·i		: 					! <u>:</u> 				' 	: I
Benzene	5.34		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	·······i		i	i						·········			:
Bromobenzene	5.34		ug/Kg	U	YES		<u>i</u>	i		: 						······	· · · · · · · · · · · · · · · · · · ·			:
Bromochloromelhane	5.34		ug/Kg	υ	YES	·i	<u>-</u>	ì					i				· · · · · · · · · · · · · · · · · · ·			!
Bromodichloromethane	5.34		ug/Kg	U	YES		·····i	i		ì			i							:
3romoform	5.34		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·	·············	ì			i				 					: !
Bromomelhane	5.34		ug/Kg	U	YES	·····i	· · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	, I	i					·······				:
Carbon disulfide	5.34		ug/Kg	U	YES	············	······!·	i i	· · · · · · ·			· · · · · · · · · · · · · · · · · · ·				i				i
Carbon tetrachloride	5.34		ug/Kg	U	YES	<i></i>		······			1	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · ·	<u>.</u>		: 	ii			:
Shlorobenzene	5,34		ug/Kg	U	YES	·····i	·······.	·····i				Ì	1	j		í	j			!
Chloroethane	5.34	·····;	ug/Kg	ប	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 : E11-114-S2

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011 Lab Sample ID: 31101872022 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :							App	rovec	з ву /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overail Qual*		НT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıç	ICV	CCV
Analysis Method : 8260B				F .11/14/16/16	Diluti	on: 1														,
Chloroform	5.34	:	ид/Кд	U	YES		ı			1		l			1		l	l	J	1
Chloromethane	5.34	:	ug/Kg	Ų	YES				1	1							1			
cis-1,2-Dichloroethene	5.34		ug/Kg	U	YES				1	1	ì						l			
cis-1,3-Dichloropropene	5.34		ug/Kg	ช	YES							1		1				ĺ		
Dibromochloromethane	5.34		ug/Kg	U	YES	: 1				[i	1]						1	1
Dibromomethane	5,34		ug/Kg	U	YES		ĺ												1	1
Dichlorodifluoromethane	5.34		ug/Kg	U	YES														1	1
Ethyl Benzene	5.34		ug/Kg	υ	YES												1		1	
Hexachiorobutadiene	5.34		ug/Kg	υ	YES														1	
Isopropylbenzene (Cumene)	5.34		ug/Kg	U	YES						1						1]	1
m.p-Xylene	10.7		ug/Kg	U	YES	(1						ĺ					
Methyl iodide	5,34		ид/Кд	U	YES		1													[
Methylene chloride	2.20		ug/Kg	J	YES	1							1						1	
Naphthalene	5.34		ug/Kg	U	YES		1				1				ļ.				1	l
n-Butylbenzene	5.34		ug/Kg	U	YES		1								ĺ				1	
n-Propylbenzene	5.34		ug/Kg	U	YES		i												1	1
o-Xylene	5.34		ug/Kg	U	YES	1	1												1	1
sec-Bulylbenzene	5.34		ug/Kg	U	YES		Ī												1	1
Styrene	5.34		ug/Kg	U	YES	ยม	1				UJ				ļ į					1
tert-Sutyl methyl ether (MTBE)	5.34		ug/Kg	υ	YES		1													
tert-Butylbenzene	5.34		ug/Kg	U	YES	i	1										1		1	1
Tetrachloroethene	3.54	;	ug/Kg	J	YES	- 1	1								i				1	
Toluene	5.34		ug/Kg	U	YES	į								i i					1	
trans-1,2-Dichloroethene	5.34		ug/Kg	V	YES			1											1	
trans-1,3-Dichloropropene	5.34	:	ug/Kg	υ	YES		1							1						i
Irans-1,4-Dichloro-2-butene	26.7	:	ug/Kg	υ	YES		1	1			1			i					1	1

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Project Number and Name: i»¿ - 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 : E11-114-S2 Sample Date : 07/12/2011 Lab Report Batch : 31101872
Analysis Type: RES

Lab ID : SGSW Sample Matrix : SO

Lab Sample ID: 31101872022

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overali Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	ic	ICV	CCA
Analysis Method : 8260)B				Diluti	on: 1										 			
Trichloroethene	5,34		ug/Kg	U	YES			l	1]	,	l		1		 			l
Trichlorofluoromethane	5.34		ug/Kg	U	YES				1	1)		 		ļ	1
Vinyl chloride	5.34		ug/Kg	U	YES		1		1]]			Í		 []			<u> </u>
Analysis Method : 8270)D				Diluti	on: 1										 			
1,2,4-Trichlorobenzene	343		ug/Kg	υ	YES		i	l	Į	<u> </u>	i		l	<u> </u>]	 <u> </u>			<u> </u>
1,2-Dichlorobenzene	343		ug/Kg	U	YES				Í	ļ , .			l		1	 l		l	<u> </u>
1,3-Dichlorobenzene	343		ug/Kg	U	YES		i 1		1	1			l	l	1			<u> </u>	<u> </u>
1,4-Dichforobenzene	343		ug/Kg	U	YES				1						1	 í I			1
2,4,5-Trichlorophenol	343		ug/Kg	U	YES				l	1	}			}	1	1			İ
2.4.6-Trichlorophenol	343		ug/Kg	U	YES				1	1					1	 			
2,4-Dichlorophenol	343		ug/Kg	U	YES														
2,4-Dimethylphenol	343		ug/Kg	U	YES				1	1					1	 1			
2,4-Dinitrotoluene	343	į	ug/Kg	υ	YES				1]						 			
2,6-Dinitrotoluene	343		ug/Kg	Ų	YES						4					 			1
2-Chloronaphthalene	343		ug/Kg	U	YES]	}			j]	 			1
2-Chlorophenol	343	i	ug/Kg	U	YES										1	 1			1
2-Methylnaphthalene	343		ug/Kg	U	YES											 i i			1
2-Methylphenol	343		ug/Kg	υ	YES		Ì		i							 			1
2-Nitroaniline	343		ug/Kg	U	YES						1						1		1
2-Nitrophenol	343		ug/Kg	U	YES					i		1			1	 	· · · · · · · · ·		1
3 and/or 4-Methy/phenol	343		ug/Kg	U	YES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	1								 			1
3-Nitroaniline	343		ug/Kg	U	YES		1									 		i	i
4-Bromophenyl phenyl elher	343		ug/Kg	U	YES		ĺ]				1				 			1
4-Chloro-3-melhyiphenol	343	·	ug/Kg	U	YES			·i				Ì			}	 1		· · · · · · · · ·	i
4-Chloroaniline	343		на/Ко	- 11	YES					i i	1	i			1	 			
4-Chicrophenyl phenyl elher	343		ug/Kg	Ų	YES]	1				l	1		i i	 	1		
4 Mitroaniline	343		ug/Kg	U	YES	i	1				1	1	1			 1	1		

Project Number and Name:

ADR 8.2

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Library Used: CampCarroll

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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 ; E11-114-S2 Sample Date: 07/12/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872022

Reviewed By / Date :

Approved By / Date :

Analyte Name	Resuft	Uncertainty / Error	Result Units	Lab Qual		Overafi Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	icv	CCV CCV
Analysis Method : 8270D		***************************************	***************************************		Dilutio	on: 1				~~~			711 40-110-0-1							
4-Nitrophenol	343		ug/Kg	u	YES		1		l	,			[1	
Acenaphthene	343	;	ug/Kg	Ų	YES					1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1					1
Acenaphthylene	343		ug/Kg	U	YES]					1
Anthracene	343		ug/Kg	υ	YES										1 1					
Senzo(a)anthracene	343		ug/Kg	U	YES										l		[[
Benzo(a)pyrene	343		ug/Kg	U	YES										l .					
Benzo(b)fluoranthene	343		ug/Kg	U	YES															
Benzo(g,h,i)perylene	343		ug/Kg	U	YES															
Benzo(k)fluoranthene	343		ug/Kg	υ	YES															
Bis(2-Chloroethoxy) methane	343		ug/Kg	υ	YES															
Bis(2-Chloroethyl)ether	343		ug/Kg	U	YES										Ì					
Bis(2-Chloroisopropyl)elher	343		ug/Kg	U	YES							:					}			1
Bis(2-Ethylhexyl)phthalate	343		ид/Кд	U	YES						1				Į					1
Butyl benzyl phthalate	343		ug/Kg	U	YES										}	ا				ĺ
Chrysene	343		ug/Kg	U	YES		l		ı	İ	1				ì]			
Dibenz(a,h)anthracene	343		ug/Kg	U	YES		I				1			,,,,,,						
Dibenzofuran	343		ug/Kg	U	YES						}		Î		i i		1			i
Diethyl phthalate	343		ug/Kg	υ	YES		1		1]			1			1	l			1
Dimethyl phthalate	343	;	ug/Kg	U	YES		1		1	i			İ							
Di-n-butyl phthalate	343	;	ug/Kg	U	YES		1		1						i	-	l			i
Di-п-octyl phthalate	343		ug/Kg	U	YES	UJ	1		1	UJ	ì		}				1			
Fluoranthene	343		ug/Kg	υ	YES	}				1		1	1			1	1	1		į
Fluorene	343		ug/Kg	U į	YES					ì								1		
Hexachlorobenzene	343		ug/Kg	U	YES		1	1	1			i				1		i	· · · · · · · · · · · · · · · · · · ·	
Hexachiorobuladiene	343		ug/Kg	U	YES		1	<u>.</u>	1		Ì		1	1	1				Ì	
Hexachlorocyclopentadiene	343		ug/Kg	υ	YES				ĺ			1	1			1	1]		

Project Number and Name: i»¿ - 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

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Client Sample ID : E11-114-S2

Lab Sample ID: 31101872022

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/12/2011

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved 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	Fleid QC	Tune	IC	ICV	CCV CCV
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	343	;	ug/Kg	U	YES	:							1				l			1
Indeno(1,2,3-cd)pyrene	343		ug/Kg	U	YES								1				ĺ		1	
Isophorone	343		ug/Kg	υ	YES						1	1		1		.,		İ	1	[
Naphthalene	343		ug/Kg	U	YES						1	1				.,,,,,,,			1	1
Nitrobenzene	343		ug/Kg	U	YES															1
n-Nitrosodi-n-propylamine	343		ug/Kg	U	YES	[1							1			1
Pentachlorophenol	343		ug/Kg	Ų	YES			1					1							
Phenanthrene	343		ug/Kg	υ	YES								i						1	
Phenol	343		ug/Kg	υ	YES]]	1	 [1					
Pyrene	343		ug/Kg	U	YES									{						

Project Number and Name:

۱» ی - 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 : E11-114-S3

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872023 Analysis Type: RES

Sample Matrix : SO

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	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 6010C					Diluti	n: 1									***************************************					
Arsenic	2.96		mg/kg		YES									İ						1
Arsenic	2.96		mg/kg		YES							ļ			1					
Barium	67.6		mg/kg		YES					1	}	į		1					1	
Barium	67.6		mg/kg		YES		1			1	(1	1
Cadmium	0.653		mg/kg		YES	υ			U										1	
Cadmium	0.653		mg/kg		YES	U			U						1					
Chromium	7.14		mg/kg		YES										1		[
Chromium	7.14		mg/kg		YES						Į	}								
Lead	11.6		mg/kg		YES]	,								
Lead	11.6		mg/kg		YES		Ī				i			(l				[1
Selenium	2.11		mg/kg	U	YES															1
Selenium	2.11		mg/kg	U	YES						 								1	
Silver	1.05		mg/kg	U	YES	}	·····	l			1								1	[
Silver	1.05		mg/kg	U	YES	1	Ì													
Analysis Method : 7471B					Ditutio	n: 1														
Mercury	0.0215	:	mg/kg	U į	YES	1	-	- 1			}						- [
Analysis Method : 8081	***************************************				Dilutio	n: 1	******							*********						
4,4'-DDD	10.5	;	ug/Kg	U	YES :	1	- 1	- 1	i					ı	I I]	
4,4'-DDD	10.5		ug/Kg	U	YES	}	}					١	· · · · · · · · ·							
4,4'-DDE	10.5		ug/Kg	U	YES :			1				ĺ								
4,4'-DDE	10.5	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES			1							1		1			
4,4'-DDT	8.01	;	ид/Кд	J	YES	U	1		v]				1			
4,4'-DDT	8.01		ug/Kg	J	YES	U	· · · · · · · · · · · · · · · · · · ·		U			1		· · · · · · · · · · · · · · · · · · ·						
Aldrin	10.5		ug/Kg	V	YES							1				1				
Aldrin	10.5		ug/Kg	u	YES		· · · · · · · · · · · · · · · · · · ·	Î				i				· · · · · · · · · · · · · · · · · · ·				
alpha-BHC	10.5		ug/Kg	U	YES		1	l	1			1	1	1			· · · · · · · · · · · · · · · · · · ·			1
alpha-BHC	10.5		ug/Kg	Ų	YES	1	ı	<u>.</u>	<u>-</u>	i		1	,	i	1	· · · · · · · ·				

Project Number and Name:

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Library Used: CampCarroll

ADR 8.2

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: E11-114-S3 Sample Date: 07/13/2011 Lab Sample ID: 31101872023 Lab Report Batch: 31101872

Lab ID : SGSW

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :							Арр	roved	i 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	Field QC	Tune	IC	ICV	CV/
Analysis Method : 8081					Diluti	on: 1														
alpha-Chlordane	10.5	;	ug/Kg	Ų	YES	:	{			Ī				1			1			
alpha-Chlordane	10.5		ug/Kg	υ	YES				1	1									1	1
bela-BHC	10.5		ug/Kg	U	YES	}			1		1	,	1						1	1
beta-BHC	10.5		ug/Kg	U	YES						{	ĺ								
Chlordane	35.0		ug/Kg	U	YES	;	į į							1						
Chlordane	35.0		ug/Kg	U	YES	:	[[i											1
delta-BHC	10.5		ug/Kg	U	YES		f I			1							1			
della-BHC	10.5		ug/Kg	υ	YES							!		}						
Dieldrin	10.5		ug/Kg	U	YES	;					1]	1							
Dieldrin	10.5		ug/Kg	Ų	YES		ļ [-		1							1
Endosulfan i	10.5		ug/Kg	U	YES								1		1					1
Endosulfan I	10.5		ид/Кд	U	YES					ĺ]								
Endosulfan II	10.5		ug/Kg	U	YES					İ]					••				
Endosulfan II	10.5		ug/Kg	U	YES					[``````` 			• • • • • • • • • • • • • • • • • • • •				1
Endosulfan sulfate	10.5		ug/Kg	υ	YES										1	•••••	1			ĺ
Endosulfan sulfate	10.5		ug/Kg	U	YES								[********						
Endrin	10.5		ug/Kg	U	YES		1													
Endrin	10.5		ug/Kg	U	YES		1				1									
Endrin aldehyde	10.5		ид/Кд	U	YES			i		: 		i								i I
Endrin aldehyde	10.5		ug/Kg	U	YES					i										i
Endrin ketone	10.5		ug/Kg	U	YES		!	·······'												l
Endrin ketone	10.5		ug/Kg	U	YES		······i	· · · · · · · · · · · · · · · · · · ·									1			i
gamma-BHC (Lindane)	10.5		ug/Kg	U	YES		·····i				i i				· · · · · · · · · · · · · · · · · · ·					:
gamma-BHC (Lindane)	10,5		ug/Kg	υ	YES			· · · · · · · · · · · · · · · · · · ·					<i></i>							:
gamma-Chlordane	10.5		ug/Kg	U	YES		!	······· 1		' 	 	·	:		i					i
amma-Chlordane	10.5	***********	ug/Kg	U	YES		! I	·····:¦		' 	:! 	· · · · · · · · · · · · · · · · · · ·	! ! 	·····:	!	· · · · · · · · · · · · · · · · · · ·				:

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Library Used: CampCarroll

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 : E11-114-S3 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872023

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overati Qual*	Temp	нт	мв	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8081					Diluti	on:1														
Heptachlor	10.5		ug/Kg	Ų.	YES		-		1	1	i									
Heptachlor	10.5	,	ug/Kg	υ	YES					1		}	i							
Heptachlor epoxide	10.5		ug/Kg	U	YES	: 1						í	 		1				l	[
Heptachfor epoxide	10.5		ug/Kg	U	YES						1				1		1			
Methoxychlor	10.5		ug/Kg	U	YES		1		1			!								1
Methoxychior	10.5		ug/Kg	υ	YES												1			
Toxaphene	35.0		ug/Kg	U	YES	1									1					
Toxaphene	35.0		ид/Ко	U	YES	1														1
Analysis Method : 8151					Dilutio	on: 1														
2,4,5-T	0.0174		mg/kg	U	YES						!								l	
2,4,5-TP (Silvex)	0.0174		mg/kg	U	YES	i i	1													1
2,4'-D	0.0174		mg/kg	υ	YES		1								-		}		1	1
2,4-DB	0.0174		mg/kg	U	YES	[1	1
Dicamba	0.0174		mg/kg	U	YES		1	1		i i							!		1	1
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.33	į	ขg/Kg	U	YES	-									Í		1			
1,1,1-Trichloroethane	4.33	i	ug/Kg	U	YES										-		Ì			
1,1,2,2-Tetrachloroethane	4.33	;	ug/Kg	U	YES					1		1		-			1			i '
1,1,2-Trichloroethane	4.33	;	ug/Kg	υ	YES		-	1	1	(
1,1-Dichloroethane	4.33		ug/Kg	U	YES		1	1	ĺ	i	i		1		1					
1,1-Dichloroethene	4.33		ug/Kg	U	YES	1	1	1		1	į		1		1		1			1
1,1-Dichloropropene	4.33	i	ug/Kg	U	YES			[]							i			
1,2,3-Trichlorobenzene	4.33		ug/Kg	U	YES			ĺ		· · · · · · · · · · · · · · · · · · ·		1								
1,2,3-Trichloropropane	4,33		ug/Kg	U	YES			1				I								
1,2,4-Trichlorobenzene	4,33		ug/Kg	V	YES	ΝΊ	1				UJ									. 1
1,2,4-Trimethylbenzene	4.33		ug/Kg	V	YES	1	1			1		1	1							
1,2-Dibromo-3-chlompropane	50.0		ug/Kg	IJ.	YES	1		1		1	{	1	1							

Project Number and Name:

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Library Used: CampCarroll

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 : E11-114-S3

Lab Report Batch: 31101872

Sample Date : 07/13/2011

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872023

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		Тиле	1C	ICV	CCV
Analysis Method : 8260B					Dilutio	n: 1												·		
1,2-Dibromoethane	4.33		ug/Kg	U	YES	j									1 1		1 1		ļ.	1
1,2-Dichlorobenzene	4.33		ug/Kg	Ų	YES :	ì									1					ĺ
1,2-Dichloroethane	4.33		ug/Kg	U	YES	1									1				1	
1,2-Dichloropropane	4.33		ug/Kg	υ	YES				1						[
1,3,5-Trimethylbenzene	4.33		ug/Kg	U	YES	1													1	
1,3-Dichlorobenzene	4.33		ug/Kg	U	YES	ì														
1,3-Dichloropropane	4.33		ug/Kg	U	YES										1 1					
1,4-Dichlorobenzene	4.33		ug/Kg	U	YES		1								1					
2,2-Dichloropropane	4.33		ug/Kg	U	YES		1	I												
2-Butanone	7.16		ug/Kg	J	YES	L	Ī				J								1	
2-Chlorotoluene	4.33		ид/Ко	U	YES]												i
2-Hexanone	10.8		ug/Kg	U	YES	1	1			3					1					1
4-Chlorotoluene	4.33		ug/Kg	υ	YES		·····	1									1			
4-Isopropylioluene	4.33	ĺ	ug/Kg	U	YES :		1	1												
4-Methyl-2-pentanone	10.8		ug/Kg	U	YES			Ì							1					
Acetone	54.9		ug/Kg		YES ;	1	1						}		1		1			
Benzene	4.33		ug/Kg	U	YES						1	1	ì	· · · · · · · · · · · · · · · · · · ·			1			
Bromobenzene	4.33		ug/Kg	U	YES		1	1		i i	1	1			1					j ľ
Bromochloromelhane	4.33		ug/Kg	U	YES]	1	1	1	1				1	1	1	1			į f
Bromodichloromethane	4.33		ug/Kg	υ	YES		1		1		i		į	1	1	1				
Bromoform	4.33	1	ug/Kg	U	YES	1		1	1		1	1	1		1	1	i	1		
Bromomethane	4.33	ì	ug/Kg	U	YES	J	1	1			1	1	1	1		1	1	j		į į
Carbon disulfide	4.33		ug/Kg	υ	YES		1	1	1	į				1	1	1	1	1]]
Carbon tetrachloride	4.33		ug/Kg	υ	YES	}	1	1	1	1		1	1	Ì]	ı		1	· · · · · · · · ·	
Chlerobenzono	4.33	1	ug/Kg	U ;	YES	1	1	1	J		1	Î	}		· / · · · · · · i	1		1	1	Ì
Chloroethane	4.33	;	ug/Kg	U	YES	I	1	1	1	1	1	i i		1		I	3	1	ı	ı

Project Number and Name:

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Library Used:

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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 : E11-114-S3
Sample Date : 07/13/2011

Lab Sample ID: 31101872023

Lab Report Batch: 31101872

Lab ID : SGSW

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Quai*		нτ	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CC/
Analysis Method : 8260B	***************************************				Dilutio	on: 1								·/						
Chloroform	4.33		ug/Kg	U	YES							ì	1	1	l I				1	
Chloromethane	4.33		ug/Kg	υ	YES								l	1					[1
cis-1,2-Dichloroethene	4.33		ug/Kg	ย	YES				1					}					1	
cis-1,3-Dichtoropropene	4.33		ug/Kg	U	YES						1				[
Dibromochloromethane	4.33		ug/Kg	V	YES						1	(
Dibromomethane	4.33		ug/Kg	Ų	YES							}			1					
Dichlorodifluoromethane	4.33		ug/Kg	υ	YES															
Ethyl Benzene	4.33		ug/Kg	υ	YES												}			
Hexachlorobutadiene	4.33		ug/Kg	υ	YES						l									
Isopropylbenzene (Cumene)	4.33		ug/Kg	U	YES		1													1
m,p-Xylene	8.67		ug/Kg	U	YES		ĺ					,					j			1
Methyl iodide	1.72		ug/Kg	J	YES															
Methylene chloride	17.3	,	ug/Kg	U	YES										1		Ì			
Naphihalene	4,33		ug/Kg	U	YES]										ļ			
n-Butylbenzene	4.33		ug/Kg	U	YES							/			[}	1		-		1
n-Propylbenzene	4.33	;	ug/Kg	U	YES	,	1	I		-··i							1			
o-Xylene	4.33	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES	i														i
sec-Bulyibenzene	4.33	;	ug/Kg	U	YES		1						ļ		ì	ı				1
Styrene	4.33		ug/Kg	U	YES	UJ	i			}	เม		į				-			1
tert-Bulyl methyl ether (MTBE)	4.33		ug/Kg	U	YES			1								[1			1
tert-Butylbenzene	4.33	:	ug/Kg	U	YES			1		i					[[]				1
Tetrachloroethene	6.33		ug/Kg	1	YES	i	1	-	1	· · · · · · · · · · · · · · · · · · ·					ĺ	1				1
Toluene	4.33		ug/Kg	υ	YES		i	1	1			-				1	i	1		1
trans-1,2-Dichloroethene	4.33		ug/Kg	U	YES	····	1								1	1		1		i
trans-1,3-Dichloropropene	4.33		ug/Kg	U	YES ;	1	-	į		1	. 1	ĺ	1	i		1		ĺ	ĺ	
frans-1,4-Dichloro-2-butene	21.7		ug/Kg	U	YES	1		1				1	1			· · · · · · · · · · · · · · · · · · ·	i			

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Library Used: CampCarroll

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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: E11-114-S3 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Lab Sample ID: 31101872023

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quat*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tưne	IC	ICV	CCV CCV
Analysis Method : 8260B					Dilutie	วก: 1														
Trichloroethene	4.33		ug/Kg	U	YES				1	1	1			[;		1		1	
Trichlorofluoromethane	4.33		ug/Kg	Ų	YES	}					Ì	}	1						1	
Vinyl chloride	4.33		ug/Kg	U	YES					[1	 						
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	355		ug/Kg	U	YES		-		1					i	S		i		l	
1,2-Dichforobenzene	355		ug/Kg	υ	YES		1		l	ì							l i		1	1
1,3-Dichtorobenzene	355		ug/Kg	υ	YES	1	1		l											[
1,4-Dichlorobenzene	355		ug/Kg	U	YES				[
2,4,5-Trichlorophenol	355		ug/Kg	U	YES	UJ	1			เกา									<u> </u>	1
2,4,6-Trichlorophenol	355		ug/Kg	U	YES	υJ				IJ										1
2,4-Dichlorophenol	355		ug/Kg	U	YES		1			Ì] [1
2,4-Dimethylphenol	355		ug/Kg	U	YES		1	I							1					
2,4-Dinitrotoluene	355		ug/Kg	U	YES		1								1		,			l
2,6-Dinitrotaluene	355		ug/Kg	ប	YES	UJ	1			UJ	,						1	.,		1
2-Chloronaphthalene	355		ug/Kg	U	YES	UJ				IJ	··· ····						1			1
2-Chlorophenol	355		ug/Kg	U	YES						· · · · · · · · ·									1
2-Methylnaphthalene	355		ug/Kg	υ	YES		·-····	i			····									i
2-Methylphenol	355		ug/Kg	U	YES		1	i							1		1			
2-Nitroaniline	355		ug/Kg	u	YES	UJ				IJ		· · · · · · · · ·			i		· · · · · · · ·			
2-Nitrophenol	355		ug/Kg	U	YES			1		·i		I				i	1			
3 and/or 4-Methylphenol	355		ug/Kg	υ	YES		i				······									
3-Nitroaniline	355		ug/Kg	U	YES		i	1]]		i	1	.,,		
4-Bromaphenyl phenyl elher	355		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·]	 		···i	i		i				·······		
4-Chloro-3-methylphenel	355		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	ì	· · · · · · · · · · · · · · · · · · ·			1	· · · · · · · · · · · · · · · · · · ·				1	···		
4-Chtoroaniline	355		ug/Kg	υ	YES		i	1	i		i	i	·/	· · · · · · i	i- 	i	·	<u>`</u>	i	· · · · · · · · · · · · · · · · · · ·
4-Chlorophenyl phenyl elher	355		ug/Kg	U	YES	<u>-</u>		1			······	: 1				·····ì	ì		·i	
1 Nitroaniline	355		ug/Kg	U	YEε		<u>/</u> .		······	i		i		· · · · · · · i		i				

Project Number and Name:

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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: E11-114-S3

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872023

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quas*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis	Field QC	Tune	ic	ICV	CCV CV/
Analysis Method : 8270D					Dilutio	on: 1														
4-Nitrophenol	355	:	ug/Kg	υ	YES	UJ	i			UJ	T	i		1	1 1		1]	1
Acenaphthene	355		ug/Kg	U	YES							<u> </u>	: 	:]	ii		l		: 	!
Acenaphthylene	355		ug/Kg	u	YES	UJ				UJ							i i		i	;
Anthracene	355		ug/Kg	Ų	YES						 	1	1		l	•			[i
Benzo(a)anlhracene	355		ug/Kg	U	YES							ì								:
Benzo(a)pyrene	355		ug/Kg	U	YES						1			{					i	:
Benzo(b)fluoranthene	355		ug/Kg	U	YES						}			l	i i	,		•••••	l	i
Benzo(g,h,i)perylene	355		ug/Kg	U	YES							i 	` 			• • • • • • • • • • • • • • • • • • • •	i			1
Benzo(k)fluoranthene	355		ug/Kg	U	YES :		1								1					i
Bis(2-Chloroethoxy)methane	355		ug/Kg	U	YES															1
Bis(2-Chloroethyl)ether	355		ug/Kg	U	YES		1	1					· · ·							i
Bis(2-Chloroisopropyl)ether	355		ид/Кд	U	YES		1								1		1		`: 	
Bis(2-Ethylhexyl)phthalale	355		ug/Kg	U	YES			1												
Butyl benzyl phthalate	355		ug/Kg	U	YES		1	1	· · · · · · · ·						1		·······			
Chrysene	355		ug/Kg	U	YES			1	i								·		·	
Dibenz(a,h)anthracene	355		ug/Kg	U	YES			1	 I			i	i						· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •
Dibenzofuran	355		ug/Kg	U	YES		1	ì	1		i	· · · · · · ·			·····i	· · · · · · · · · · · · · · · · · · ·				
Diethyl phthalate	355		ug/Kg	U	YES		1	1	1	· · · · · · · · · · · · · · · · · · ·		Ì				·:	······			
Dimethyl phthalate	355		ug/Kg	U	YES	UJ		Ì	í	UJ	i	· · · · · · · · · · · · · · · · · · ·				·····i		· · · · · · · · · · · · · · · · · · ·	!	
Di-π-butyl phthalate	355		ид/Кд	U	YES		····i	ì	1	···········	······	i	· · · · · · · · · · · · · · · · · · ·				i	······'		• • • • • • • • • • • • • • • • • • • •
Di-n-octyl phthalate	355		ug/Kg	U	YES		····	ì	ì	·····i		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			·····i	·····		! 	• • • • • • • •
Fluoranthene	355		ug/Kg	v	YES			i			· · · · · · · · · · · · · · · · · · ·	!		i		······································	·····:		! I	
Fluorene	355		ug/Kg	υ	YES		· · i	ì	Ì			 I					 ا	···· ····'	!	
- - - - - - - - - - - - - - - - - - -	355		ug/Kg	υ	YES		i. I	<u>`</u> I	-		 	i I				! 	:	را ا	! 	
- - - - - - - - - - - - - - - - - - -	355		ug/Kg	U	YES		···· i	i	ì	ï		······i		······!		······	 ا	'' ا	!	
	355		ug/Kg	U	YES:		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: E11-114-S3

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872023

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 ToVDis	Field QC	Tune	IC	icv	CCV CCV
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	355	:	ug/Kg	U	YES	:	1													Ì
Indeno(1,2,3-cd)pyrene	355		ug/Kg	U	YES		1						1							
Isophorone	355		ug/Kg	Ų	YES		1					i	1				1		1	1
Naphthalene	355		ug/Kg	U	YES]								1
Nirobenzene	355		ug/Kg	Ų	YES							1					 		1	1
n-Nitrosodi-n-propylamine	355		ug/Kg	U	YES										i i				1	1
Pentachlorophenol	355		ug/Kg	U	YES		1												1	1
Phenanthrene	355		ug/Kg	U	YES		1								1 1				l	
Phenol	355		ug/Kg	U	YES							<u> </u>			1				1	
Pyrene	355		ug/Kg	U	YES										i i				 	

Project Number and Name:

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Library Used: CampCarroll

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: E11-114-S4

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Lab Sample ID: 31101872024

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quai*		HŦ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 6010C					Dilutio	on: 1														
Arsenic	2.05		mg/kg		YES				1										1	
Arsenic	2.05		mg/kg		YES		[1	1				1	1 1					
Barium	48.5		mg/kg		YES				İ		1				l i		1		[
Barium	48.5		mg/kg		YES										1				1	1
Cadmium	0,522		mg/kg	J	YES	U			U										1	
Cadmium	0.522		mg/kg	J	YES	U			υ	1									1	l
Chromium	5.50		mg/kg	ì	YES					1									1	
Chromium	5.50		mg/kg		YES	********			[I	j l				1				ĺ	[
Lead	9.43		mg/kg		YES					Ī	1								1	
Lead	9.43		mg/kg		YES					1									1	1
Selenium	2.17		mg/kg	υ	YES					1									1	i
Selenium	2.17		mg/kg	U	YES	i									1				1	
Silver	1.08		mg/kg	U	YES	i								**						1
Silver	1.08		mg/kg	U	YES		1													
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0,00220		mg/kg	J	YES			- 1									1			
Analysis Method : 8081					Dilutio	n: 1														
4,4'-DDD	1.37	i	ug/Kg	J	YES		- 1		i	l										
4,4'-DDD	1.37		ug/Kg	J	YES	1	1								İ		j			i
4,4'-DDE	10.3		ug/Kg	U	YES	Ì		1				1			Ì		l			
4,4'-DDE	10.3	;	ug/Kg	υ	YES		ĺ					- 1					}		. 1	
4,4'-DDT	1.32		ug/Kg	JР	YES	U		l	U			1								
4,4'-DDT	1.32		ug/Kg	JP	YES	U	i i		U		i		1	ĺ]		1
Aldrin	10.3		ug/Kg	U	YES							-	1		1	-		1		1
Aldrin	10.3	i	ug/Kg	Ų.	YES		. 1	1	1		į	1				1		1		
alpha-BHC	10.3		ug/Kg	บ	YES		1				1						1	1	1	
alpha-BHC	10.3		ug/Kg	U	YES :	1						Ì					1		1	

Project Number and Name:

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Library Used: CampCarroll

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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 : E11-114-S4 Sample Date : 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Lab Sample ID: 31101872024

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overal Qual*	l Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	łC	icv	CCV
Analysis Method : 8081					Dilutio	on: 1						*.\ == = =\ /==								*********
alpha-Chlordane	10.3		ug/Kg	U	YES						1	ļ			1				1	
aipha-Chlordane	10.3		ug/Kg	υ	YES]		1		l				1	
beta-BHC	10.3		ug/Kg	ប	YES		1			[i				1	1
beta-BHC	10.3		ug/Kg	U	YES		[]	,-						1	[[1
Chlordane	34.5		ug/Kg	υ	YES						1				1				1	
Chlordane	34.5		ug/Kg	υ	YES				• • • • • • • • • • • • • • • • • • • •		(
delta-BHC	10.3		ид/Ко	Ü	YES										1					1
delta-BHC	10.3		ug/Kg	Ų	YES		1						:							
Dieldrin	10.3	;	ug/Kg	U	YES		1					:			1					1
Dieldrin	10.3		ug/Kg	U	YES		[1					1
Endosulfan I	10.3		ug/Kg	U	YES		! [[[
Endosulfan I	10.3	;	ug/Kg	U	YES															1
Endosulfan II	10.3		ug/Kg	U	YES										1					1
Endosulfan II	10,3		ug/Kg	U	YES															
Endosulfan sulfate	10.3		ug/Kg	U	YES		1		1								1			1
Endosulfan sulfate	10.3	1	ug/Kg	U	YES					}	1	1			1					
Endrin	10.3		ид/Кд	U	YES			1				1			1					
Endrin	10.3	:	ug/Kg	U	YES		1	1	· · · · · · · · · · · · · · · · · · ·			1		· · · · · · · · · · · · · · · · · · ·		Ì	i			[
Endrin aldehyde	10.3		ug/Kg	U	YES		1	1	1		I			I		1	1			1
Endrin aldehyde	10.3	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES			1			i	Ì	· · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	······	i	1		· · · · · · · · · · · · · · · · · · ·	
Endrin ketone	10.3	:	ug/Kg	U	YES			1	i			1	i		1	1	1			}
Endrin kelone	10.3		ug/Kg	U	YES	1	1	1	1	· · · · · · · · · · · · · · · · · · ·		1				Ì			I	
gamma-BHC (Lindane)	1.59		ug/Kg	J	YES	U		1	u j	1					i	1	I	i		
gamma-BHC (Lindane)	1.59		ug/Kg	J	YES :	u		1	U	Í	i	·····i	1	 		l	1			
jamma-Chlordane	10.3	;	ug/Kg	U	YES		i	i	i	i	1	i i		· · · · · · · · · · · · · · · · · · ·		i			· · · · · · · · · · · · · · · · · · ·	
gamma-Chfordane	10.3		ид/Кд	Ų	YES		i	·····\	·····	i	i			· · · · · · · i	i	i	i			

Project Number and Name:

ADR 8.2

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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: E11-114-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101872024

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Quai*	l Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CV/
Analysis Method : 8081					Dilutio	on: 1														
Heptachlor	10.3		ug/Kg	U	YES		1		i		1			(1	Ī
Heplachior	10.3		ug/Kg	υ	YES		 					} }	1	/ 					i 	i
Heptachlor epoxide	10.3		ug/Kg	U	YES							ļ	l	1]	İ
Heptachlor epoxide	10.3		ug/Kg	U	YES		1 1					[1			********	l			İ
Methoxychlor	10.3		ug/Kg	υ	YES				 	[1		1	I
Methoxychlor	10.3		ug/Kg	U	YES								1		1				<u>.</u>	
Toxaphene	34.5		ид/Кд	U	YES		1					!	1	J	1				<u>.</u> 	i
Toxaphene	34.5		ug/Kg	U	YES		1						 		l !				/ 	i I
Analysis Method : 8151					Dilutio	n: 1				• • • • • • • • • • • • • • • • • • • •					·					
2,4,5-T	0.0166		mg/kg	U	YES]		 				1	I
2,4,5-TP (Silvex)	0.0166		mg/kg	U	YES		i												 	! !
2,4-D	0.0166	;	mg/kg	U	YES												i			1
2,4-DB	0.0166		mg/kg	U	YES]			I						1		1	1
Dicamba	0.0166		mg/kg	U	YES		1			i						1	ì			1
Analysis Method : 8260B					Dilutio	n:1													·	
1,1,1,2-Tetrachloroethane	4.01		ид/Кд	U	YES			-									- 1			
1,1,1-Trichloroethane	4.01	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES			1	Ì]						
1,1,2,2-Telrachloroelhane	4.01		ug/Kg	U	YES		1										;			1
1,1,2-Trichloroelhane	4.01	;	ug/Kg	U ;	YES				1]	i					1				
1,1-Dichloroethane	4.01		ug/Kg	U	YES :				1	·i										
1,1-Dichloroethene	4.01		ug/Kg	U	YES :			1	ı	i				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	1		i i	
1,1-Dichloropropene	4.01	;	ug/Kg	U	YES		1				.,,,,,,,,,		1		1	1	1			
1,2,3-Trichtorobenzene	4.01	1	ug/Kg	U	YES		i i	 								i				
1,2,3-Trichloropropane	4.01	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES		1	Î	ì	1		·····	· · · · · · · · · · · · · · · · · · ·	i		1				
1,2,4-Trichlorobenzene	4.01		ug/Kg	U	YES	IJJ	i i	ì	i		UJ	·····i	<i>(</i>	·i	i. 	·i			! 	
1,2,4-Trimelhylbenzene	4.01		ug/Kg	Ų	YES	i	i, I	<u>-</u>	····/		···i	i I	1	i	·····i				·i	
1,2-Dibreme 3 chloropropane	24.0	1	ug/Kg	υ	YES	······i			1	i		:ا			i.	1		· <u>'</u>	! 	

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

Client Sample ID: E11-114-S4

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872024

Analysis Type: RES

Sample Matrix : SO

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		Moist Tot/Dis		Tune	IC	1CV	CCA
Analysis Method : 8260B					Diluti	on: 1														
1,2-Dibromoethane	4.01		ug/Kg	U	YES	!					į		ĺ]		[1	1
1,2-Dichlorobenzene	4.01		ug/Kg	U	YES	:		,					[, , - ,		.,,		
1,2-Dichloroethane	4.01		ug/Kg	U	YES		1	.,.,.,		1				1	1			,,,,,,,		1
1,2-Dichloropropane	4.01		ug/Kg	U	YES		1							1						1
1,3,5-Trimethylbenzene	4.01		ug/Kg	U	YES						1				1					1
1,3-Dichlorobenzene	4.01		ug/Kg	U	YES		[1	1			1				1	
1,3-Dichloropropane	4.01		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.01		ид/Кд	U	YES															1
2,2-Dichloropropane	4.01	;	ug/Kg	υ	YES		1												1	
2-Butanone	20.0		ug/Kg	U	YES		1													
2-Chlorotoluene	4.01	i	ug/Kg	U	YES															
2-Hexanone	10.0		ug/Kg	U	YES				-											
4-Chlorotoluene	4.01		ug/Kg	U	YES		1						ļ						1	1
4-Isopropylloluene	4.01		ug/Kg	U	YES		1						-		{					
4-Methyl-2-pentanone	10.0		ug/Kg	U	YES		1								[[
Acelone	19.1		ug/Kg	J	YES															
Benzene	1.47		ug/Kg	J	YES				1			-								
Bromobenzene	4.01	į,	ug/Kg	U	YES		1				1	-	1							
Bromochloromethane	4,01	í	ug/Kg	υ	YES		1	1				1	}		į		1		1	
Bromodichloromethane	4.01		ug/Kg	U	YES	į	1			,	i	i i	1				1			1
Bromoform	4.01	;	ug/Kg	U	YES		1	-	4								Ì			1
Bromomelhane	4.01	:	ид/Кд	U	YES		1		-			1		1	1					1
Carbon disulfide	4.01	i	ug/Kg	υ	YES		1	-	ı	i		1	1							ı
Carbon tetrachloride	4.01		ug/Kg	U	YES	į		1	1		}	1	1							1
Chlorobenzene	4.01	i	ug/Kg	V	YEG		······	1	1			Ì					1			/ I
Chloroethane	4.01		ug/Kg	Ų	YES		1									1				1

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

Library Used: CampCarroll

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: E11-114-S4 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab Sample ID: 31101872024

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		Tune	IC	ICV	CCV
Analysis Method : 8260B					Dilutio	n: 1														
Chloroform	4.01		ug/Kg	U	YES				l		}		[l I					1
Chloromelhane	4.01		ug/Kg	U	YES		····						[[[1	1
cis-1,2-Dichtoroethene	3.65		ug/Kg	J	YES		I								1				l	I
cis-1,3-Dichloropropene	4.01		ug/Kg	υ	YES				 					1						
Dibromochloromethane	4,01		ug/Kg	U	YES	ļ]							(
Dibromomethane	4.01		ug/Kg	U	YES	i									1					
Dichlorodifluoromelhane	4.01		ug/Kg	U	YES		1								1					
Ethyl Benzene	4.01		ug/Kg	U	YES		Ī								l i				1	
Hexachlorobutadiene	4.01		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.01		ид/Кд	U	YES										1		!			
m,p-Xylene	8,01		ug/Kg	U	YES	}	1								ì					ĺ
Methyl iodide	4,01		ug/Kg	U	YES															
Methylene chloride	16.0		ug/Kg	U	YES)														1
Naphthalene	4.01		ug/Kg	υ	YES												1			1
n-Butylbenzene	4.01	į	ug/Kg	Ų	YES			1												
n-Propylbenzene	4.01	;	ug/Kg	U	YES			1	·····	····	}									
o-Xylene	4.01		ug/Kg	V	YES	1	1	1	1	1	}	1			1		1			
sec-Butylbenzene	4.01		ug/Kg	U ;	YES		1	1	l	.,			1		į	1	1			1
Styrene	4.01		ug/Kg	U	YES :	υJ	1	1	1		ŲJ	[1	I	i			1
erl-Bulyl melhyl ether (MTBE)	4.01		ug/Kg	υ	YES		1	1	i		1	1	i					I		1
ert-Butylbenzene	4.01		ug/Kg	υ	YES	1	-	1	1	į	i	1	1					1		
l'etrachloroelhene	4.01	:	ug/Kg	U	YES	}	1	1	1	1	1	I	1		· · · · · · · · · · · · · · · · · · ·	1	1	1		i
l'oluene	4.01	ì	ug/Kg	U	YES		Ī	Î	1	}	1	1	· · · · · ·		ì	1	1			1
rans-1,2-Dichtoroethene	0.953		ug/Kg	J	YES :	1	1	ì			1			1	,	l	1			1
rans 1,3 Dichloropropono	4.01	;	ид/Кд	U ;	YEG ;]		ĺ	1		i	ì				l	1			1
rans-1,4-Dichloro-2-butene	20.0	-	ug/Kg	U	YES	I		1	1	1	ſ]			1	1	1		1

Project Number and Name:

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Lab ID: SGSW

Sample Matrix : SO

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 : E11-114-S4

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date: 07/13/2011

Lab Sample ID: 31101872024

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

	**																			
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overa!! Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CV/ CCV
Analysis Method : 8260B			-,		Dilutio	n: 1							***************************************							
Trichloroethene	8.58	;	ug/Kg		YES				[I				į						i
Trichlorofluoromethane	4.01		ug/Kg	U	YES														1	1
Vinyl chloride	4.01		ug/Kg	U	YES		I		1											
Analysis Method : 8270D					Ditutle	n: 1														
1,2,4-Trichlorobenzene	350		ug/Kg	U	YES				1		l						1 i			1
1,2-Dichlorobenzene	350		ug/Kg	U	YES										Ì				1	1
1,3-Dichforobenzene	350		ug/Kg	υ	YES				1			1							1	1
1,4-Dichlorobenzene	350		ug/Kg	U	YES														1	
2,4,5-Trichlorophenal	350		ug/Kg	υ	YES	υJ				UJ							!			1
2.4,6-Trichlorophenol	350		ug/Kg	U	YES	UJ				ປປ							(1	
2,4-Dichlorophenol	350		ug/Kg	U	YES				1								1		1	1
2,4-Dimethylphenol	350		ug/Kg	U	YES		1										i		1	
2,4-Dinitrotofuene	350		ug/Kg	U	YES						1						1		1	
2,6-Dinitrololuene	350		ug/Kg	U	YES	UJ			· · · · · ·	UJ		1			1				1	
2-Chloronaphthalene	350)	ug/Kg	U	YES	IJ	1		i i	UJ					1					1
2-Chlorophenol	350		ug/Kg	U	YES		1			,]	1						1		
2-Methylnaphthalene	350		ug/Kg	U	YES		1				ì							Î		
2-Methylphenol	350		ug/Kg	U	YES]					1						· · · · · · · · · · · · · · · · · · ·		
2-Nitroaniline	350		ขg/Kg	U	YES	Π٦	1			UJ		1					1	1		
2-Nitrophenol	350		ug/Kg	U	YES		·····					i						1		
3 and/or 4-Methylphenol	350		ug/Kg	U	YES		····	1			1	1		1]	I	1		
3-Nitroaniline	350		ug/Kg	V	YES									I		1	1	1		1
4-Bromophenyl phenyl ether	350		ug/Kg	Ų	YES ;		1					ì	i			Ì	1	I		
4-Chloro-3-methylphenol	350		ug/Kg	U	YES :	1		· · · · · · ·	I	l		i	1	i	1	<u>.</u>	1			
4-Chloroanilino	360	:	ug/Kg	U	YES :	i	<i>:</i> -	<u>`</u>	 			i	<i>;</i> 			 			,	i i
4-Chlorophenyl phenyl ether	350		ид/Кд	U	YES			\ 	, 1	<u>'</u> [·······	; 			:i		1		
4-Nitroaniline	350		ug/Kg	υ	YE3	1	····i	1		 		·····i		······i				ì		· · · · · · ·

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: E11-114-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872024 Analysis Type: RES

Sample Matrix : SO

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		Moist Tot/Dis		Tune	IC	ICV	CV/
Analysis Method : 8270D				***************************************	Dilutio	วก: 1														
4-Nilrophenol	350		ид/Кд	Ų	YES	UJ				UJ										ī
Acenaphthene	350		ug/Kg	U	YES				1					· · · · · · · · · · · · · · · · · · ·	1				l	I
Acenaphthylene	350		ug/Kg	U	YES	UJ				UJ					l		i			Ī
Anthracene	350		ug/Kg	υ	YES															1
Benzo(a)anthracene	350		ug/Kg	U	YES										1					1
Benzo(a)pyrene	350		ug/Kg	U	YES									,	ĺ				l	l
Benzo(b)fluoranthene	350		ug/Kg	υ	YES										1				1	1
Benzo(g,h,i)perylene	350		ug/Kg	U	YES										l					
Benzo(k)fluoranthene	350		ug/Kg	U	YES		١								1				1	1
Bis(2-Chloroethoxy)methane	350		ug/Kg	U	YES									**						1
Bis(2-Chloroethyl)ether	350		ug/Kg	U	YES														1	
Bis(2-Chloroisopropyl)ether	350		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·													
Bis(2-Ethylhexyl)phthalate	31.4		ug/Kg	J	YES		1		I	í									[i
Butyl benzyl phthalate	350		ug/Kg	U	YES :		Ī	I	Ì		- <i></i>	1	i				i			
Chrysene	350		ug/Kg	U	YES			Ì	1											i
Dibenz(a,h)anthracene	350		ид/Ко	v	YES		1]					1		·			
Dibenzofuran	350	;	ug/Kg	U	YES	1			· · · · · · · · · · · · · · · · · · ·		Ì						1			i
Diethyl phthalate	350	;	ug/Kg	U	YES	1		1	1			1	1		· · · · · · · · · · · · · · · · · · ·		Î			1
Dimethyl phthalale	350		ug/Kg	υ	YES	UJ		1	1	UJ	j	1	1		· · · · · · · · · · · · · · · · · · ·]				
Di-n-bulyl phthalate	350		ug/Kg	U	YES	}	1					1	1	· · · · · · · · · · · · · · · · · · ·		1	1			1
Di-n-octyl phthalate	350		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·			i				· · · · · · · · · · · · · · · · · · ·			·····	· · · · · · · · · · · ·		1
Fluoranthene	350		ug/Kg	U	YES			Î	1	1	1	1	1	1		i	ì	······		! !
Fluorene	350	1	ug/Kg	U	YES			1	1	1	1	l		· · · · · · · · · · · · · · · · · · ·	i)
Hexachlorobenzene	350	·····	ug/Kg	U	YES	·····i	1	',, 		1		i]	i	i- İ	i				:
Hexachlorobutadiene	360	i	ug/Kg	U	YES		···········	1	1	i	ì	·		ii		1	······			i
Hexachlorocyclopentadiene	350		ug/Kg	U	YES	i	· · · · · · · · · · · · · · · · · · ·	· · · · · ·						i		·······	· · · · · · · · · · · · · · · · · · ·	'' ا		i

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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: E11-114-S4

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Reviewed By / Date :

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872024

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 Tot/Dis	Field QC	Tune	ic	íCV	CV/
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	350	:	ug/Kg	U	YES		-		I		!				1		1		1	Ī
Indeno(1,2,3-cd)pyrene	350		ug/Kg	ប	YES	; i	1			1	f			: 			i 		 	i
Isophorone	350		ug/Kg	U	YES					j	: 		1	: [[:
Naphthalene	350		ug/Kg	Ų	YES	i i				1	i		i	 	i i		1		: 	i
Nitrobenzene	350		ug/Kg	U	YES				` 	i	\ 		<u>.</u>		1	••••••	:		: 	:
n-Nitrosodi-n-propylamine	350		ug/Kg	U	YES		Ì			i		i 	1		1		:i		 [! [
Pentachlorophenol	350		ug/Kg	υ	YES		Ī		` 	1		: !	i		Íi				 I	¦
Phenanthrene	350		ug/Kg	บ	YES							: 	:i		i				: 	¦
Phenol	350		ид/Кд	U	YES							: 	:		i .				!\ 	<u>-</u>
Pyrene	350		ug/Kg	U	YES					i		i 1	1		: 				! 	: I

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 : E11-115-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872027

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Resuit	Uncertainty <i>i</i> Error	Result Units	Lab Quai	Rep Res	Overal Quai*	l Temp	нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	icv	CCV
Analysis Method : 6010C				***************************************	Dilutio	on: 1														
Arsenic	2.21	;	mg/kg		YES					1		1	Ī		1		1	~~~~~	1	1
Arsenic	2.21		mg/kg		YES	;	į [1	ļ		:				i
Barium	71.8		mg/kg		YES	:				1	 		1	1	[*-*				i
Barium	71.8	,	mg/kg		YES		1		 	1		l	i				1		i	:
Cadmium	0.697		mg/kg		YES	Ų			U		i		i						; 	
Cadmium	0.697		mg/kg		YES	U	1		U]			1					: 	i
Chromium	3.55		mg/kg		YES								 	1	[i
Chromium	3.55		mg/kg		YES							1			i		i		i	i
Lead	10.3		mg/kg		YES					[i						 	[
Lead	10,3		mg/kg		YES							: 				• • • • • • • • •				1
Selenium	2.03		mg/kg	U	YES		İ]			ii				!	
Selenium	2.03		mg/kg	U	YES		1			[i		i					
Silver	1.01		mg/kg	U	YES	•••••									1		1			
Silver	1.01		mg/kg	U	YES	*	I											**	i	
Analysis Method : 7471B			·		Dilutio	n: 1				*******		**			**********					
Mercury	0.0215		mg/kg	U	YES			1												
Analysis Method : 8081					Dilutlo	n: 1					•••••									
4,4'-DDD	10.1	;	ug/Kg	U	YES	Ţ,											-			
4,4'-DDD	10.1	į	ug/Kg	U	YES				1			1	i	I		1				
4,4'-DDE	10.1	i	ug/Kg	U	YES		1	1	[I	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
4,4'-DDE	10.1	;	ug/Kg	U	YES :		1				}		1			ĺ	,,,,,,,,,			
4,4'-DDT	1.26		ug/Kg	JP	YES	U		1	U			1		1			1		1	
4,4'-DDT	1.26		ug/Kg	JP ;	YES	U		Ţ	U			1		i		1		i		
Aldrin	10.1		ug/Kg	U	YES			1	۱ا			1	1	i		i	Î		i	
Aldrin	10.1		ug/Kg	U	YES ;		1		į			i	1	: 		······i	1	i	! 	!
ilpha-BHC	10.1	ì	ug/Kg	U	YES	}	·····		1		······	\	 	· · · · · · · · · · · · · · · · · · ·	i- 	·i	i		:! 	·i
alpha-BHC	10.1		паука	U	YEG :			1	i		<u>.</u>	·····i	1	<u>'</u>	i	······	······		········	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

Client Sample ID: E11-115-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872027

Reviewed By / Date:

		Uncertainty /	Result	Lab	Ren	Overall			***********			Lab		Rep	Moist	Field				CV/
Analyte Name	Result	Error	Units	Qual		Qual*		HT	MB	LCS	MS	Dup	Surr		Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8081					Diluti	on: 1														
alpha-Chiordane	10.1		ug/Kg	U	YES				1		i			ſ						1
alpha-Chlordane	10,1		ug/Kg	U	YES						1	2000	i						[1
bela-BHC	10.1		ug/Kg	Ų	YES				1	1	ļ			1						Ì
bela-BHC	10.1		ug/Kg	U	YES				ĺ					1					1	
Chlordane	33.6		ug/Kg	U	YES															Ī
Chlordane	33.6	;	ug/Kg	U	YES							1			1				1	1
della-BHC	10.1		ug/Kg	U	YES						 !		1							1
della-BHC	10.1		ug/Kg	U	YES				1		1		1							1
Dieldrin	10.1		ug/Kg	U	YES]									1	1
Dieldrin	10.1		ug/Kg	U	YES		1			1				(1			
Endosullan i	10.1		ид/Кд	บ	YES		ì			I		į					i i		ĭ	
Endosulfan I	10.1		ug/Kg	U	YES															1
Endosullan II	10,1		ug/Kg	υ	YES					1	i						1			
Endosulfan II	10,1		ug/Kg	U	YES		1				 						ĺ		l	
Endosulfan sulfate	10.1		ug/Kg	U	YES		1	1			·						Ì			1
Endosulfan sulfațe	10.1	;	ug/Kg	υ	YES		1									i				1
Endrin	10.1		ug/Kg	υ	YES		Ì								1		1			1
Endrin	10.1		ug/Kg	U	YES		1	1					i i				1			f
Endrin aldehyde	10.1	•	ug/Kg	U	YES	}		ı		[ii			· · · · · · · · · · · · · · · · · · ·	i			1
Endrin aldehyde	10.1		ug/Kg	υ	YES	}					}		1			l	i			1
Endrin kelone	10.1	i	ug/Kg	U	YES		1	1				l I	1			l	1			1
Endrin ketone	10.1	:	ug/Kg	U	YES		1	ì			l		1	· · · · · · · · · · · · · · · · · · ·	j j)			1
gamma-BHC (Lindane)	1.15		ug/Kg	J	YES	U		Ì	Ų							 				
gamma-BHC (Lindane)	1.15		ug/Kg	J	YES ;	U	<u>:</u> -	<u>-</u>	U					·i		i				
jamma-Chlordane	10.1		ug/Kg	U	YES	·	i	· · · · · · · · · · · · · · · · · · ·								<u>`</u>	i		· · · · · · · · · · · · · · · · · · ·	
gamma-Chlordane	10,1	:::::::::::::::::::::::::::::::::::::::	ug/Kg	U	YES	i	· · · · · · · · · · · · · · · · · · ·								1	ا	i			

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

Library Used: CampCarroll

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 : E11-115-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872027

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quaf	Rep Res	Overail Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Sum	Rep Limit	Moist Tot/Dis	Fleid QC	Tune	IC	ICV	CCA CA1
Analysis Method : 8081					Dilutio	on: 1														
Heptachlor	10.1		ug/Kg	U	YES	:					}			}	1		1 :		1	1
Heptachlor	10.1		ug/Kg	U	YES					1	i I									
Heptachlor epoxide	10.1		ug/Kg	U	YES)			l					1		1 1		[
Heptachlor epoxide	10.1		ug/Kg	υ	YES				l	l					ĺ	.,,,,,,,				1
Methoxychlor	10.1		ug/Kg	U	YES									1			1			
Methoxychlor	10.1		ug/Kg	U	YES									{		.,,,,,,,,	1			
Toxaphene	33.6		ug/Kg	U	YES									1			1 1			
Toxaphene	33.6		ug/Kg	υ	YES															
Analysis Method : 8151					Ditutio	n: 1														
2,4,5-T	0.0165		mg/kg	U	YES														l	1
2,4,5-TP (Silvex)	0.0165		mg/kg	U	YES						1			!						
2,4'-D	0.0165		mg/kg	U	YES												1			
2,4-DB	0.0165		mg/kg	U	YES				l					j j	1					1
Dicamba	0.0165		mg/kg	υį	YES				l		1				f		1 1		1	1
Analysis Method : 8260B			DESCRIPTION OF THE PARTY OF THE		Dilutio	n: 1	**************													
1,1,1,2-Tetrachloroethane	5,05	;	ug/Kg	U	YES]										1			<u> </u>
1,1,1-Trichloroethane	5.05	j	ug/Kg	U	YES				J		<u> </u>									l
1,1,2,2-Tetrachioroethane	5.05		ug/Kg	U	YES	!											li			ļ
1,1,2-Trichloroelhane	5.05		ug/Kg	U	YES :												l .			
1,1-Dichloroethane	5.05		ug/Kg	U	YES]											i
1,1-Dichloroethene	5.05		ug/Kg	U	YES						ì		-				į			ĺ
1,1-Dichloropropene	5.05		ug/Kg	U	YES	j	- 1]							ì			i
1,2,3-Trichlorobenzene	5,05		ug/Kg	U	YES									ı	- 1	I				
1,2,3-Trichloropropane	5,05		ug/Kg	υ	YES :				1		1]				i			
1,2,4 Trichlerobenzene	6.06		ug/Kg	U	YES	UJ		1			UJ				[
1,2,4-Trimelhylbenzene	5.05	1	ug/Kg	U	YES		1	1				1				1				
1,2-Dibromo-3-chloropropans	30.3	i	ug/Kg	U	YES :	1	1					1	1	1		1				1

Project Number and Name: ĭ»¿ - 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 : E11-115-S1

Lab Report Batch: 31101872

Lab ID : SGSW

Sample Date : 07/13/2011 Lab Sample ID: 31101872027 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	t.ab Qual		Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 8260B					Dilutie	on: 1						•								
1,2-Dibromoethane	5.05		ug/Kg	U	YES								1		1 1				I	ī
1,2-Dichlorobenzene	5.05		ug/Kg	U	YES								 				i			1
1,2-Dichloroethane	5.05		ug/Kg	U	YES									į						1
1,2-Dichloropropane	5.05		ug/Kg	U	YES									(i					
1,3,5-Trimethylbenzene	5.05		ug/Kg	υ	YES										l f					1
1,3-Dichlorobenzene	5.05		ug/Kg	U	YES	1	-													
1,3-Dichloropropane	5.05		ug/Kg	U	YES															Ī
1,4-Dichlorobenzene	5.05		ид/Кд	U	YES		1								l				1	l
2,2-Dichloropropane	5.05		ug/Kg	U	YES										1 1					
2-Butanone	8.18		ug/Kg	J	YES	J					J						1			
2-Chlorololuene	5.05		ug/Kg	U	YES		····								l i					Ĭ
2-Hexanone	12.6		ug/Kg	U (YES	· · · · · · · · · · · · · · · · · · ·					1									1
4-Chloroloiuene	5.05		ug/Kg	U	YES	,	······			· · · · · · · · · · · · · · · · · · ·					1					
4-Isopropylfoluene	5.05	i	ug/Kg	U	YES		·····	1												
4-Methyl-2-pentanone	12.6	ì	ug/Kg	U	YES		·····i	1	ا				1	i				· · · · · · · · ·		1
Acetone	52.1		ug/Kg	;	YES]		I	·····		1					i		1		
Benzene	5.05		ug/Kg	U	YES	j	i			ļ					1	1		1		!
Bromobenzene	5.05		ug/Kg	U	YES		1	1	· · · · · · ·	1]	1		;			
Bromochloromelhane	5.05		ug/Kg	υ	YES	j	j		1			1		1	1					i 1
Bromodichloromelhane	5.05		ug/Kg	U	YES	1	1							· · · · · · · · · · · · · · · · · · ·	1]	1	1		
Bromoform	5.05		ug/Kg	U	YES	1				1]		1	1		1		
Bromomethane	5.05	į	ug/Kg	υ	YES	İ	1		1		i]	1		3	1	1	1		
Carbon disulfide	5.05	;	ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	1	1		i	1		1		1	-	1		
Carbon tetrachloride	5.05	;	ug/Kg	U	YES			1	1			ĺ		1				1		
Chlorobenzene	5.05		ид/Кд	U	YES	,		1	1		1	1	1	· · · · · · · · · · · · · · · · · · ·		1		1		
Dhioroethane	5.05	1	ug/Kg	U	YES		1			1		1	1			Ì		1		1

Project Number and Name:

آ»ی - 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 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-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872027 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Result	Uncertainty / Error	Result Units	Lab Quai				нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit		Field QC	Tune	IC	icv	CCA
				Diluti	on: 1					********									
5.05		ug/Kg	u ,	YES						1								1	l
5.05		ug/Kg	U	YES				1	1										
5.05		ug/Kg	υ	YES						ĺ			Ì					l	l
5.05		ug/Kg	ប	YES	:									1					
5.05		ug/Kg	U	YES															
5.05		ug/Kg	U	YES										l i					1
5.05		ug/Kg	U	YES															1
5.05	,	ug/Kg	U	YES															
5.05		ug/Kg	U	YES		- 1												1	j
5.05		ug/Kg	Ų	YES				i i											
10.1		ug/Kg	U	YES												}			ĺ
5.05		ug/Kg	บ	YES				[1				1	1
1.35		ug/Kg	J	YES		1								}		i			
5.05		ug/Kg	υ	YES]					1			
5.05	;	ug/Kg	υ	YES				1							1				
5.05		ug/Kg	U	YES		1		······											
5.05		ug/Kg	U	YES		1					1				1				1
5.05	į	ug/Kg	υ	YES		1	1					1							1
5.05	;	ug/Kg	U	YES	IJ			1		UJ		1			I				1
5.05		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·		1						i					l
5.05		ug/Kg	U	YES		1			1	1	1	1			1	1			
5.05		ид/Кд	U	YES		1	1			1	1	1			1	1			
5,05		ug/Kg	U	YES	· · · · ·	· · · · i	1		1	ĺ	1	1		1	1	1			
5.05		ug/Kg	U	YES	}		l				Ì	1		1					
5.05		ug/Kg	U	YES				1		 			· · · · · · · · · · · · · · · · · · ·				1		1
25.2		ug/Kg	U	YES		1	1				i		 			1	· · · · · · · · · · · · · · · · · · ·		1
	5.05 5.05 5.05 5.05 5.05 5.05 5.05 5.05	Sout	Sesuit Error Units	Result Error Units Qual	Result Error Units Qual Res 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 ug/Kg U YES 5.05 <	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result Error Units Qual Res Qual Temp HT MB LCS MS Dup Surr Limit ToVIDIS QC Tune	Result Error Units Qual Res Qual Temp HT MB LCS MS Dup Surr Limit TovDis QC Tune IC	Result Error Units Qual Res Qual Temp HT MB LCS MS Dup Sur Linit ToUDIS QC Tune IC KCV

Project Number and Name: i»¿ - 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 : E11-115-S1 Sample Date: 07/13/2011

Lab Sample ID: 31101872027

Lab Report Batch: 31101872

Analysis Type: RE\$

Lab ID: SGSW

Sample Matrix: SO

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	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV
Analysis Method : 8260B				жыш	Dilutio		Temp					- Oup	- Guit	CHIBC	100043		- ruite			
Trichlorgelhene	5.05		ug/Kg	U	YES		i I		1				1		1		I i			1
Trichlorofluoromethane	5,05	<u> </u>	ug/Kg	U	YES		:: 	! 	! I	! I			!	! !		• • • • • • • • • • • • • • • • • • • •	!! !		! !	!
Vinyl chloride	5.05	<u> </u>	ug/Kg	u	YES		! !		! !	! 				! !	!! 		!		' 	! !
Analysis Method : 8270D		·			Dilutio	n: 1	·	!			!:			·	!!		!i			
1,2,4-Trichlorobenzene	330		ug/Kg	υ	YES				l	l					f I		I I			1
1,2-Dichlorobenzene	330	;	ug/Kg	U	YES	• • • • • • • • •			·						ii					!
1,3-Dichlorobenzene	330		ид/Кд	u	YES		 				·									!
1,4-Dichlorobenzene	330		ug/Kg	U	YES				 						i i		i			
2,4,5-Trichlorophenol	330		ug/Kg	U	YES :	IJ				UJ										i
2,4,6-Trichlorophenal	330		ug/Kg	υ	YES	υJ	i			UJ	: 									!
2,4-Dichlorophenol	330		ug/Kg	U	YES						· · · · · · · · · · · · · · · · · · ·	·····i					i			: I
2,4-Dimethylphenol	330		ид/Кд	U	YES							i					1			: [
2,4-Dinitrotoluene	330		ug/Kg	U	YES												i			i
2,6-Dinitrotoluene	330		ид/Кд	U	YES ;	IJ				ເມ	······ ;	1	· · · · · · · · · · · · · · · · · · ·				·····	······		1
2-Chloronaphthalene	330	1	ug/Kg	U	YES	UJ		1		UJ								 1		1
2-Chlorophenol	330		ug/Kg	U	YES		1	1	· · · · · · · · · · · · · · · · · · ·	1	·····					· · · · · · · · · · · · · · · · · · ·	1	· · · · · · · · · · · · · · · · · · ·		1
2-Methylnaphthalene	330		ug/Kg	U	YES		·····					···						······i		1
2-Methylphenol	330		ug/Kg	U	YES							1	i				·····			[
2-Nitroanitine	330		ug/Kg	U	YES	ขา				UJ	,	I	1	· · · · · · · · · · · · · · · · · · ·			1			1
2-Nitrophenol	330		ug/Kg	U	YES		1	i	1	1	··		1							
3 and/or 4-Methylphenol	330		ug/Kg	V	YES	1		I	1	1				i		1	1	1		
3-Nitroaniline	330	;	ид/Кд	υ	YES ;		I		I	····		1		1]	1		1		
1-Bromophenyl phenyl elher	330	;	ug/Kg	U	YES :			Ì	1	i		ì)	1	1	1	1			
1-Chloro-3-methylphenol	330		ug/Kg	υ	YES		1	Ī	1			1	1							
1-Chioroaniline	330		ug/Kg	υ	YES	.,,,,,,		Ì	i			·····		· · · · · · · · · · · · · · · · · · ·	j	i	i	i	·	
-Chlorophenyl phenyl ether	330		ug/Kg	U	YES				i			Ì	<u>-</u> -	· · · · · · · · · · · · · · · · · · ·	i- 	\ 		1		i
Mitroaniline	330	1	ug/Kg	U	YEE	i						······)			i				

Project Number and Name:

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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: E11-115-S1

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Sample Date: 07/13/2011 Lab Sample ID: 31101872027

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	i,ab Quai		Overali Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	10	1CV	CCV
Analysis Method : 8270D					Dllutio	n: 1														
4-Nitrophenol	330		ug/Kg	U	YES	UJ	1		i	UJ		l	ĺ		1 1				İ	1
Acenaphthene	330		ид/Кд	U	YES						i		1		l				[
Acenaphthylene	330		ug/Kg	U	YES	UJ				LUJ	1				1					!
Anthracene	330		ug/Kg	U	YES		1					<i></i>			1				1	} }
Benzo(a)anthracene	330		ug/Kg	U	YES	1	1			1			[l		1	
Benzo(a)pyrene	330		ug/Kg	U	YES		1]		1	
Benzo(b)fluoranthene	330		ug/Kg	U	YES					l					į					
Benzo(g,h,i)perylene	330		ug/Kg	U	YES		1								1					
Senzo(k)fluoranthene	330		ug/Kg	U	YES		1													
Bis(2-Chloroethoxy)methane	330		ид/Кд	U	YES		·····i			ĺ									1	
Bis(2-Chloroethyl)ether	330		ug/Kg	U	YES												į		1	
Bis(2-Chlorolsopropyl)elher	330		ug/Kg	υ	YES		i											*	1	
Bis(2-Ethylhexyl)phthalate	330		ug/Kg	U	YES										i					
Butyl benzyl phthalate	330		ug/Kg	U	YES															
Chrysene	330		ug/Kg	U	YES		1	1					1				·····			
Dibenz(a,h)anthracene	330		ug/Kg	V	YES		i	1							· · · · · · · · · · · · · · · · · · ·					
Dibenzofuran	330		ug/Kg	U	YES]		1		ĺ	·]				
Diethyl phthalate	330		ug/Kg	V	YES			1				1			· · · · · · · · · · · · · · · · · · ·	· · · · · · · ·	1			i i
Dimethyl phthalate	330		ug/Kg	U	YES	Π1	1	1		UJ		1		1	· · · · · · · · · · · · · · · · · · ·	1	1			
Di-n-butyi phthalate	330		ug/Kg	U	YES ;	1		I	1	1			1		1		i			
Di-n-octyl phthalate	330	· · · · · · · · · · · · · · · · · · ·	ug/Kg	V	YES	1	1		1	· · · · · · · · · · · · · · · · · · ·	1		,		1	1				1
Fluoranthene	330	:	ug/Kg	υ	YES			1	1		i	1					1			1
Fluorene	330	i	ug/Kg	U	YES		1	Ī		1		ı		i		1	Î			
Hexachlorobenzene	330		ug/Kg	U	YES]	1	Î	1	,		Ì	1	1			1			
Hexachiorobutadione	330	;	ug/Kg	U	YES	1	1	Ì	I		1		1		1	ì				·····
Hexachlorocyclopentadiene	330	i	ид/Кд	U	YES		1	1	1	1		1								

Project Number and Name:

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Library Used: CampCarroll

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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: E11-115-S1

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872027 Analysis Type: RES

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	Field QC	Типе	ŧc.	ICV	CCV
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	330	:	ug/Kg	U	YES								1	l	l i		i	}		1
Indeno(1,2,3-cd)pyrene	330	;	ug/Kg	U	YES					1	Ì	1							ĺ	1
Isophorone	330		ug/Kg	U	YES							ĺ	l	ļ						1
Naphthalene	330		ug/Kg	U	YES									1	1					
Nitrobenzene	330		ug/Kg	υ	YES]				I I					
n-Nitrosodi-n-propylamine	330		ug/Kg	U	YES						}		 		l i		1		1	i
Pentachiorophenol	330		ug/Kg	U	YES		1				}	[1	i
Phenanthrene	330		ug/Kg	Ų	YES	,	I								1		 		Ĭ	i,
Phenol	330		ид/Кд	Ų	YES						 	 					:	 	<u>:</u> 	i
Pyrene	330		ид/Кд	U	YES						!	 			1				: 	i

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 automated data review and any qualifiers added manually for categories not assessed by automated data review Page 74 of 233

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Client Sample ID: E11-115-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872028 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		Tune	ic	ICV	CCV
Analysis Method : 6010C					Ditutio	n: 1														
Arsenic	4.41		mg/kg		YES					1	Í	}	1	1			1 ì		1	Ī
Arsenic	4.41		mg/kg		YES					1	 	(l i	· · · · · · · ·	1	
Sarium	79.7		mg/kg		YES		l				 				1		[]		1	
Barium	79.7		mg/kg		YES						ļ	{		}	i i					1
Cadmium	0.810		mg/kg		YES	U	1		υ	l	[·····	1	Ì	I I				1]
Cadmium	0.810		mg/kg		YES	U	1		U										1	
Chromium	4.17		mg/kg		YES					[1	
Chromium	4.17		mg/kg		YES							i							1	
Lead	15.3		mg/kg		YES							[1		1	
Lead	15.3		mg/kg		YES		1]					1]	l
Selenium	0.533		mg/kg	J	YES	·	1	1				 	 [1 1				1	
Selenium	0.533		mg/kg	J	YES		1										1		j 	
Silver	0.988		mg/kg	U	YES	ſ	1	1							i i				 	1
Silver	0.988		mg/kg	U	YES			1							l					í
Analysis Method : 74718					Dilutio	n:1														
Mercury	0.0205		mg/kg	U	YES	1	1					-	1				-			i
Analysis Method : 8081					Dilutio	n: 1														
4,4'-DDD	1.90	;	ug/Kg	J :	YES	1	1	Ï												
4,4'-DDD	1.90		ug/Kg	J	YES	,			1	}	}		j				1		1	
4,4'-DDE	3.19		ug/Kg	J	YES			1	-								1			
4,4'-DDE	3.19		ug/Kg	J	YES		1	1	1											
4,4'-DDT	12.1		ug/Kg		YES	U	-	1	υ		ļ	1								1
4,4'-DDT	12.1		ug/Kg		YES :	U	1	1	U	}		1	1	· · · · · · · · · · · · · · · · · · ·						
Aidrin	10.2	;	ug/Kg	U	YES	(ĺ		······i		I	,			1	1			
Aldrin	10.2		n0/K0	U [YF8			1					i		ļ	Ì			· · · · · · ·	,j
alpha-BHC	10.2	i	ug/Kg	u	YES :	ļ	1		1	1	1	i		1		1		·····i		·ì
alpha-BHC	10.2	;	ug/Kg	U	YES	1	1	·····		1		1	1	1		1	1	1		i

Project Number and Name:

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Library Used: CampCarroll

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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: E11-115-S2 Sample Date: 07/13/2011 Lab Sample ID: 31101872028 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	Overali Qual*		нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 8081					Diluti	on: 1			~********				·····							
alpha-Chlordane	10.2		ug/Kg	υ	YES	:	; ;		1	[İ		1		l 1		l i		1	1
alpha-Chiordane	10.2		ug/Kg	Ų	YES	;	[]		ĺ				1		1				1	1
beta-BHC	10.2		ug/Kg	υ	YES						i	!		1	[1
beta-BHC	10.2		ug/Kg	U	YES						1	}		1	1 1					
Chlordane	33.8		ug/Kg	U	YES							1								
Chlordane	33,8		ug/Kg	U	YES										1 1					
delta-BHC	10.2		ug/Kg	Ų	YES													• • • • • • • • • • • • • • • • • • • •		1
delta-BHC	10.2		ug/Kg	υ	YES						······									1
Dieldrin	10.2		ug/Kg	U	YES						1									
Dieldrin	10.2		ug/Kg	U	YES				· · · · · ·		}									
Endosulfan I	10.2		ug/Kg	U	YES														1	Ĭ
Endosulfan I	10.2		ug/Kg	υ	YES										1		ı			
Endosulfan II	10.2		ug/Kg	U	YES						}				1			*		
Endosulfan li	10.2		ug/Kg	U	YES		,									·····	1			l
Endosulfan sulfate	10.2		ug/Kg	U	YES												ĺ			
Endosulfan sulfate	10.2	;	ug/Kg	U ;	YES]											.,,		[
Endrin	10.2	;	ug/Kg	U ;	YES		· · · · · · · · · · · · · · · · · · ·						l							
Endrin	10.2		ug/Kg	U	YES		1			1					ĺ	-	i			1
Endrin aldehyde	10.2		ug/Kg	υ	YES		ı		ļ				ì		i					1
Endrin aldehyde	10.2	:	ug/Kg	υ	YES				ĺ				i				1			
Endrin kelone	10.2	;	ug/Kg	U	YES	}				· · · · · · · · ·										1
Endrin ketone	10.2		ug/Kg	U	YES		1	1	l		i i	i								l
gamma-BHC (Lindane)	10.2	;	ug/Kg	U	YES		1	1	1	1			i			1				1
gamma-BHC (Lindane)	10.2	:	ug/Kg	U	YES							i								
gamma-Chlordane	10.2		ug/Kg	V	YEG				1		 						1			
gamma-Chiordane	10.2	Ì	ug/Kg	Ų	YES	· · · · · · · · · · · · · · · · · · ·	1	Ì				1			i					

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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-S2 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Lab Sample ID: 31101872028

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date :

		Uncertainty /	Result	Lab		Overal						Lab		Rep	Moist	Field	***************************************			CVI
Analyte Name	Result	Error	Units	Qual	Res	Qual*	Temp	HΥ	MB	LCS	MS	Dup	Surr		Tot/Dis	QÇ	Tune	IC	ICV	CCV
Analysis Method : 8081		***************************************			Dilutio	on: 1														
Heptachlor	10.2		ug/Kg	υ	YES		1			1	ļ		1		1					Ī
Heptachlor	10.2		ug/Kg	U	YES				1											1
Heplachior epoxide	10.2		ug/Kg	U	YES		i						1	!]		1		[1
Heptachlor epoxide	10.2		ug/Kg	U	YES						}						1			l
Methoxychlor	10.2		ug/Kg	U	YES					[<u></u>]					
Methoxychlor	10.2		ug/Kg	Ų	YES	•											1		· · · · · · · · · · · · · · · · · · ·	i
Toxaphene	33.8		ug/Kg	U	YES]						1		1					i
Toxaphene	33.8		ug/Kg	U	YES			1		` 	ļ		:				1			:
Analysis Method : 8151					Dilutio	n: 1	i								' <i></i>					!
2,4.5-T	0.0173		mg/kg	U	YES											1				1
2,4,5-TP (Silvex)	0.0173		mg/kg	u	YES			1							1					: 1
2,4'-D	0.0173		mg/kg	U	YES						í i	i				···········				: [
2,4-D8	0.0173		mg/kg	U	YES		1	······································								: ا	i			
Dicamba	0.0173	1	mg/kg	U	YES			<u>.</u>			·	· · · · · · · · · · · · · · · · · · ·	í	!		·······	·····	 		i
Analysis Method : 8260B					Dilutio	n: 1								'						(
1,1,1,2-Tetrachloroethane	4.46	į	ug/Kg	U	YES	- 1	1	1	- 1		i	1	,	1	1	ī	!			
1,1,1-Trichloroethane	4.46		ug/Kg	U	YES		·····i	ì				······i	·i	i		i	·			
1,1,2,2-Tetrachloroethane	4.46		ug/Kg	U	YES	i	·····i		········	· · · · · · · · · · · · · · · · · · ·	·i	: 1	i			:	¦-	·····		
1,1,2-Trichloroethane	4.46		ug/Kg	U	YES	i			1	 		i	······	·····i	<u>i</u> .	·i				· · · · · · · · ·
1,1-Dichloroethane	4.46		ug/Kg	U	YES	·}	·i			·:	i	i		······		·i		·······	!! !	
1,1-Dichloroelhene	4.46		ид/Кд	U	YES :			······	1	<i>i</i>	i	: 1		····i	i-	·	i		· · · · · · · · · · · · · · · · · · ·	
1,1-Dichloropropene	4.46		ug/Kg	U ;	YES :	······								·····i	·····				!	
1,2,3-Trichforobenzene	4.46	•	ug/Kg	U	YES	·i	i.		<u>:</u>			······i		·····:	····		·····	<u>'</u>		
1,2,3-Trichloropropane	4.46		ug/Kg		YES			-	 I			!! 		!			<u>.</u>		1	
1,2,4-Trichlorobenzene	4.46	······	ug/Kg	· · · · · · · · · · · · · · · · · · ·	YES :	·····		······	'			···¦		!						
1,2,4-Trimelhylbenzene	4.46		ug/Kg		YES		· <u>†</u> -			.ل		·······¹		·!.				!	!	!
1.2-Dibromo-3-chloropropane	26.7		ug/Kg	· · · · · ·	YES:		··-:		!				····· i					.ل		

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-S2

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872028

Sample Matrix : SO

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overati Qual*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	łCV	CCV		
Analysis Method : 8260B					Dilutio	on: 1		,,,-														
1,2-Dibromoelhane	4.46		ug/Kg	U	YES					1	ĺ	}		,	-		1		1	1		
1,2-Dichlorobenzene	4.46		ug/Kg	U	YES					1		(i					1	I		
1,2-Dichloroethane	4.46		ug/Kg	U	YES								1				1		 			
1,2-Dichloropropane	4.46		ug/Kg	Ü	YES						1		 		1	••••			 			
1,3,5-Trimethylbenzene	4.46		ug/Kg	U	YES							 [}					i	1		
1,3-Dichlorobenzene	4.46		ug/Kg	U	YES		1 1			1		:			i i					1		
1,3-Dichloropropane	4.46		ug/Kg	U	YES		1 1						` 		1 1				: 	i		
1,4-Dichlorobenzene	4.46		ug/Kg	U	YES					:	! !				1				: 	<u>.</u>		
2,2-Dichloropropane	4,46		ug/Kg	U	YES										i [••••	i		: 	i		
2-Butanone	10.5		ug/Kg	J	YES	j					J			[i		 		i 1	i		
2-Chlorotoluene	4.46		ug/Kg	U	YES		1												1	1		
2-Hexanone	11.1		ug/Kg	Ų	YES										i i				: 	! 		
4-Chlorotoluene	4.46		ид/Кд	Ų	YES										i							
4-Isopropytoluene	4.46		ug/Kg	Ų	YES		1	· · · · · · · · · · · · · · · · · · ·				······	ii		ii)		 	i		
4-Methyl-2-penlanone	11.1		ug/Kg	υ	YES							· · · · · · · · · · · · · · · · · · ·			i		1			 		
Acetone	55.6		ug/Kg		YES			i				·····i			! 				<i></i>	: 		
Benzene	4.46	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES		1	i	i			i	·····		i	·····i	i		·	: 		
Bromobenzene	4.46		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·				i	·····i	· · · · · · · · · · · · · · · · · · ·				······			1		
Bromochtoromethane	4.46		ug/Kg	U	YES			· · · · · · · · · · · · · · · · · · ·	í	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·····i			i		······································			! !		
3romodichloromethane	4.46	·····	ug/Kg	U	YES		i	i i				i					······					
3romoform	4.46		ug/Kg	U	YES		1	ì	·······	· · · · · · · · · · · · · · · · · · ·	i	·····i						/		i		
3romomethane	4.46		ug/Kg	U	YES		i.	<u>`</u>	······	 I	·······\			·i	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						
Carbon disulfide	4.46		ug/Kg	U	YES		! 					······i				······i						
Carbon tetrachloride	4.46		ug/Kg	U	YES						········ [·! 			· · · · · · · · · · · · · · · · · · ·		ئ ا	'				
Chlorobenzene	4,46		ug/Kg	U	YES	į	ì	i	i	i	;	······!		······!		!			·			
hloroethane	4,46		ug/Kg	U	YES	:							;			······						

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

Client Sample ID: E11-115-S2

Lab Sample ID: 31101872028

Lab Report Batch: 31101872 Analysis Type: RES

Sample Date: 07/13/2011

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis		Tune	IC	íCV	CV/
Analysis Method : 8260B					Dilutio					200		Dup		Cillat	1000/2		14166		100	CCV
Chioroform	4.46		ug/Kg	U	YES				1			l	1	f	1 1		1 1		I	1
Chloromethane	4.46		ug/Kg	U	YES				` 	/]	/ 	: 	! 	' 	ii		!	• • • • • • • • • • • • • • • • • • • •	<i>ት</i> 	!
cis-1,2-Dichloroethene	4.46		ug/Kg	U	YES				·	i I	: [: [: 	' 	ii		!		/ 	1
cis-1,3-Dichloropropene	4.46	i i	ug/Kg	υ	YES				` 	i I	i 	 	! 		i		!		:	1
Dibromochloromethane	4.46		ug/Kg	U	YES		1		1		1				ii		 		<u>.</u> 	<u>:</u>
Dibromomethane	4.46		ug/Kg	U	YES				` [l	/ }	: 	: 		1		: 		 	i
Dichlorodifluoromethane	4.46		ug/Kg	U	YES				` 			:	! 	·	i				<u>.</u>	
Ethyl Benzene	4,46	Ì	ug/Kg	υ	YES	i	·i		' 			: 	: 		i :				<u>'</u> I	1
Hexachlorobutadiene	4.46		ug/Kg	U	YES	 [·····i								!i	· · · · · · · · · · · ·	i		: i	[
isopropylbenzene (Cumene)	4.46		ug/Kg	U	YES		······					````) · · · · · · · · · · · · · · · · ·	**					 	i
m,p-Xylene	8.91		ug/Kg	υ	YES										i i		i		i I	i
Methyl lodide	4.46		ug/Kg	U	YES		Ī												' 	i
Methylene chloride	0.731		ug/Kg	J	YES	}		· · · · · ·											·	:
Naphthalene	4.46		ug/Kg	U	YES		1								· · · · · · · · · · · · · · · · · · ·		·····		` 	:
n-Bulylbenzene	4.46		ug/Kg	υ	YES		1		1						i		······			: <i></i> -
n-Propylbenzene	4,46	:	ug/Kg	U [YES			ì					······			· · · · · · i	· · · · · · · · · · · · · · · · · · ·		i	i
o-Xylene	4.46	;	ид/Кд	U	YES	· · · · · · i	· · · · · i	1	1						1					1
sec-Butylbenzene	4.46		ug/Kg	U	YES		1	1	1			1	i				Ì		· · · · · · · · · · · ·	1
Styrene	4.46		ug/Kg	U	YES	UJ	1	1			ŲJ			· · · · · · · · · · · · · · · · · · ·	i	1				1
ert-Bulyl methyl elher (MTBE)	4.46		ug/Kg	U	YES		1	1	i			Ì			i	1	1			
erl-Butylbenzene	4.46	:	ug/Kg	U	YES	1	· · · · · · · · · · · · · · · · · · ·	1	i	1		1	1	· · · · · · · · · · · · · · · · · · ·			·····			
l'etrachloroethene	4.46	;	ug/Kg	U ;	YES		1	I	-		· · · · · · · · · · · · · · · · · · ·	i]	1	·//i	1	Î			
Toluene	4.46		ug/Kg	U	YES		1	Ī	ĺ	1		······i]	! 		i			· · · · · · · · · · · · · · · · · · ·	
rans-1,2-Dichloroethene	4.46		ug/Kg	U	YES		Ī	Ï	Î		· · · · · · · · · · · · · · · · · · ·			i	···	······	i		! 	
rans-1,3-Dichloropropene	4.46		ug/Kg	U	YES]	1	Ì	I	1				······	·············	 1	i	·······	: 	
rans-1,4-Dichtoro-2-butene	22.3		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·	ï	Î		i	; 	·		i	i.			·	······	

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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-S2 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101872028

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Quai*	Temp	HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	1C	ICV	CCV
Analysis Method : 8260B					Dilutio	on: 1			************											
Trichloroethene	4,46		ug/Kg	U	YES							Ì							1	Ī
T <i>r</i> ichlorofluoromelhane	4.46		ug/Kg	U	YES			,,,,,,					 				l		[1
Vinyl chloride	4.46		ug/Kg	U	YES								1		1	•••••			1	I
Analysis Method : 8270D					Dilutio	n: 1													-,,,,,,,,	• • • • • • • • • • • • • • • • • • • •
1,2,4-Trichlorobenzene	340		ug/Kg	U	YES					1	i		f :		l i		Î			1
1,2-Dichlorobenzene	340		ug/Kg	U	YES	ì	1			1					l i					1
1,3-Dichlorobenzene	340		ug/Kg	U	YES															1
1,4-Dichlorobenzene	340		ид/Кд	U	YES						}				l				1	
2,4,5-Trichlorophenol	340		ug/Kg	υ	YES	UJ	1			UJ		[1				l	1
2,4,6-Trichlorophenol	340		ug/Kg	U	YES	UJ	1			l m										1
2,4-Dichlorophenol	340		ug/Kg	U	YES					1										l
2,4-Dimethylphenol	340		ug/Kg	ប	YES		1										1			
2,4-Dinitrotoluene	340		ug/Kg	Ų	YES	1	1	1			i i		ĺ							i
2,6-Dinitrotoluene	340		ид/Кд	Ų	YES	UJ		1		UJ										
2-Chloronaphthalene	340	1	ug/Kg	U	YES	UJ	1	1		IJ	i		1							
2-Chlorophenol	340		ид/Кд	U	YES	1		1					1				· · · · · · · · · · · · · · · · · · ·			
2-Methylnaphthalene	340		ug/Kg	U	YES			ĺ						· · · · · · · · · · · · · · · · · · ·						} }
2-Methylphenol	340		ug/Kg	υ	YES		1				1	I				· · · · · · · · · · · · · · · · · · ·	1			
2-Nitroaniline	340	;	ug/Kg	U	YES	υJ	l			UJ j	I		1]			1			
-Nitrophenol	340		ug/Kg	U	YES		[1			1	i	}	1			1	<u>.</u>		
and/or 4-Melhylphenol	340		ug/Kg	U	YES			1			1	1		1		1	· · · · · · · · · · · · · · · · · · ·			
l-Nitroaniline	340		ug/Kg	U	YES	1	Ī			·	ì	Ì	1			· · · · · · · · · · · · · · · · · · ·	1			•
-Bromophenyl phenyl ether	340	;	ug/Kg	U	YES	i	i	1	1		······	1	1	i	1	i	ì	 		
-Chloro-3-methylphenol	340	1	ug/Kg	U	YES							Ì		i	i		·····	···· [i	
-Chiomaniline	340		ug/Kg	U	YES	1	i	·					/. 			i	i			
-Chlorophenyl phenyl ether	340		ug/Kg	U	YES		i.	ì	<i>i</i>		i	······	1	······	' ,	<u>'</u>	·······	<u>'</u> ۔۔۔۔۔۔ ا	<u>'</u>	
Nitrogniline	340		ug/Kg	υ :	YES	i		`	i		i							 1	! ا	

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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-S2 Sample Date: 07/13/2011

Lab Report Batch: 31101872

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Lab Sample ID: 31101872028

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		Tune	ıc	icv	CCV
Analysis Method : 8270D					Dilutio	n: 1				***************************************										
4-Nitrophenol	340		ug/Kg	U	YES	UJ	[ÜÜ	1						i		1	1
Acenaphthene	340		ug/Kg	υ	YES					1	i	}			1 1		ii		i	
Acenaphlhylene	340		ug/Kg	U	YES	IJ	1			UJ			1		1				ĺ	i
Anthracene	340		ug/Kg	U	YES							!	1	· · · · · · · · · · · · · · · · · · ·	1]		1	
Benzo(a)anthracene	340		ug/Kg	U	YES	1					•				1 1					
Benzo(a)pyrene	340		ug/Kg	U	YES	i	1								1 1				1	
Benzo(b)fluoranthene	340		ug/Kg	U	YES		1								1					1
Benzo(g,h,i)perylene	340	1	ug/Kg	Ų	YES		1												: 	
Benzo(k)fluoranthene	340		ug/Kg	U	YES	1												• • • • • • • • • • • • • • • • • • • •	/ 	
Bis(2-Chloroelhoxy)methane	340		ид/Кд	U	YES		1								1				1	i i
Bis(2-Chloroethyl)elher	340		ug/Kg	U	YES		1						i i		l				1	
Bis(2-Chloroisopropyl)elher	340		ug/Kg	U	YES	1									1		1			1
Bis(2-Ethylhexyl)phthalate	340	-	ug/Kg	U	YES					i					l		1			
Butyl benzyl phthalate	340		ug/Kg	U	YES]							i	1			· · · · ·
Chrysene	340	i	ug/Kg	U	YES			1	ĺ				Ì		j]	1		[i
Dibenz(a,h)anthracene	340	i	ug/Kg	U	YES						I	1		i	1	1				· ·
Dibenzofuran	340	i	ug/Kg	υ	YES			f			ļ	Ī			i	Ì				
Diethyl phlhalate	340		ug/Kg	U	YES		I	1		į			1			1	·····			İ
Dimethyl phthalate	340	1	ug/Kg	υ	YES	UJ	1	1	· · · · · · · ·	UJ	· · · · · · · · · · · · · · · · · · ·	1		· · · · · · i		1		i		
Di-n-butyl phthalate	340		ug/Kg	U	YES	1			1	· · · · · · · · · · · · · · · · · · ·			1			ì				
Di-n-oclyl phthalate	340		ug/Kg	U	YES	,	1	1	1	1	1	1		· · · · · · · · · · · · · · · · · · ·		1		i		i
Fluoranlhene	340		ug/Kg	U	YES		j	1		3			1	4		· · · · · · · i		1		1
Fluorene	340		ug/Kg	U	YES		1	1	1			1	1	1	1	Ì			i	1
Hexachlorobenzene	340		ug/Kg	U	YES	,	1		1		1	Ì		i		ì		 1	<u>1</u>	
Hexachlorohutadiene	340		ug/Kg	U	YES ;		1	1		1	1		1						! I	<u>'</u>
dexachtorocyclopentadiene	340	1	ug/Kg	U	YES	1	1	1		1		1	1	1	1	······		1	·····i	

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Client Sample ID: E11-115-S2

Lab Report Batch: 31101872

Lab ID: SGSW

Sample Date: 07/13/2011 Lab Sample ID: 31101872028 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overalf Qual*	Тетр	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	icv	CC/
Analysis Method : 8270D					Diluti	on: 1						* ** **								
Hexachloroethane	340		ug/Kg	U	YES		1		1	1		<u> </u>	ì		1				I	ī
Indeno(1,2,3-cd)pyrene	340		ug/Kg	U	YES						ļ	}	i	1			1		1	1
Isophorone	340		ug/Kg	U	YES		1			1	1	 					1			1
Naphthalene	340		ug/Kg	Ų	YES	: 1	Ī								1				1	1
Nitrobenzene	340		ug/Kg	U	YES				1		 			: 	1				j	1
n-Nitrosodi-n-propylamine	340		ug/Kg	U	YES						 		: 	 					i	i
Pentachlorophenol	340		ид/Кд	U	YES					1	: [` [: 	!	[i	1
Phenanthrene	340		ug/Kg	Ų	YES		i		· · · · · · · · · · · · · · · · · · ·	 I			(íi I I		·		·	1
Phenol	340		ug/Kg	U	YES		i		·						ii		· · · · · · ·		<u>.</u>	1
Pyrene	340		ug/Kg	U	YES		·i	·'	·	: 			:		i		:i		i	i

Project Number and Name:

ت»ی - 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 automated data review and any qualifiers added manually for categories not assessed by automated data review Page 82 of 233