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## Laboratory Control Sample / Laboratory Control Sample Duplicate Outlier Report

Method Batch: XXX1554

Analysis Method: 8270D

Analysis Date: 07/21/2011

Preparation Batch : XXX1554

Preparation Type: 3541

Preparation Date: 07/20/2011

Lab Reporting Batch: 31101879

Lab ID: SGSW

			Reported Value	s Proj	ect Limits	(Perce	ent)
LCS Lab Sample ID	Matrix	Analyte Name	Percent Recovery RPD	Rejection Point	Lower Limit	Upper Limit	RPD
31862	so	Hexachlorocyclopentadiene	2181	10.00	55.00	250.00	60.00

,	Associated Samples
Client Sample ID	Lab Sample ID
E11-112-S1	31101879008
E11-112-S1	31101879008
E11-112-S2	31101879009
E11-112-S2	31101879009
E11-117-S1	31101879018
E11-117-S1	31101879018
E11-117-S2	31101879019
E11-117-S2	31101879019
E11-117-S3	31101879020
E11-117-S3	31101879020
E11-117-S4	31101879021
E11-117-S4	31101879021
E11-122-S1	31101879022
E11-122-S1	31101879022
E11-125-S1	31101879006
E11-125-S1	31101879006
E11-125-S2	31101879007
E11-125-S2	31101879007
E11-126-S1	31101879004
E11-126-S1	31101879004
E11-126-S2	31101879005
E11-126-S2	31101879005
E11-127-S1	31101879010
E11-127-S1	31101879010
E11-127-S2	31101879011
E11-127-S2	31101879011
E11-131-S1	31101879002
F11-131-81	31101879002
E11-131-S2	31101879003
E11-131-S2	31101879003
E11-140-S1	31101879012
E11-140-S1	31101879012
E11-140-S2	31101879013
F11-140-S2	31101879013
E11-140-S3	31101879016
E11-140-S3	31101879016

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

Report Date: 9/2/2011 17:20

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

## Laboratory Control Sample / Laboratory Control Sample Duplicate Outlier Report

Method Batch : XXX1555

Analysis Method: 8270D

Analysis Date : 07/21/2011

Preparation Batch: XXX1555

Preparation Type: 3541

Preparation Date: 07/20/2011

Lab Reporting Batch: 31101879

Lab ID: SGSW

			Reported Values	Proj	ect Limits	(Perce	ent)
LCS Lab Sample ID	Matrix	Analyte Name	Percent Recovery RPD	Rejection Point	Lower Limit	Upper Limit	RPD
31864	so	Hexachlorocyclopentadiene	2268	10.00	55.00	250.00	60.00

A	ssociated Samples
Client Sample ID	Lab Sample ID
E11-111-S1	31101879038
E11-111-S1	31101879038
E11-120-S1	31101879039
E11-120-S1	31101879039
E11-120-S2	31101879040
E11-120-S2	31101879040
E11-120-S3	31101879041
E11-120-S3	31101879041
E11-121-S1	31101879042
E11-121-S1	31101879042
E11-121-S2	31101879043
E11-121-S2	31101879043
E11-122-S2	31101879023
E11-122-S2	31101879023
E11-122-S3	31101879024
E11-122-S3	31101879024
E11-122-S4	31101879025
E11-122-S4	31101879025
E11-123-S1	31101879032
E11-123-S1	31101879032
E11-123-S2	31101879033
E11-123-S2	31101879033
E11-123-S3	31101879034
E11-123-S3	31101879034
E11-123-S4	31101879037
E11-123-S4	31101879037
E11-146-S1	31101879028
E11-140-S1	31101879028
E11-146-S2	31101879029
E11-146-S2	31101879029
E11-146-S3	31101879030
E11-146-S3	31101879030

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 - 11-032E Carroll Agent Orange

## Laboratory Control Sample / Laboratory Control Sample Duplicate Outlier Report

Method Batch : XXX1560

Analysis Method: 8270D

Analysis Date: 07/22/2011

Preparation Batch: XXX1560

Preparation Type: 3541

Preparation Date: 07/21/2011

Lab Reporting Batch: 31101879

Lab ID: SGSW

-			Reported V	'alues	Proje	ct Limits	(Perce	nt)
LCS Lab Sample ID	Matrix	Analyte Name	Percent Recovery	RPD	Rejection Point	Lower Limit	Upper Limit	RPD
32031	so	Hexachlorocyclopentadiene	2259		10.00	55.00	250.00	60.00
		Pentachlorophenol	67		10.00	75.00	120.00	60.00

Asso	ociated Samples	
Client Sample ID	Lab Sample ID	
E11-109-S1	31101879044	
E11-109-S1	31101879044	
E11-110-S1	31101879052	
E11-110-S1	31101879052	
E11-129-S1	31101879046	
E11-129-S1	31101879046	
E11-130-S1	31101879047	
E11-130-S1	31101879047	
E11-132-S1	31101879048	
E11-132-S1	31101879048	
E11-132-S2	31101879049	
E11-132-S2	31101879049	
E11-133-S1	31101879050	
E11-133-S1	31101879050	
E11-133-S2	31101879051	į
E11-133-S2	31101879051	
E11-136-S1	31101879053	
E11-136-S1	31101879053	
E11-136-S2	31101879054	
E11-136-S2	31101879054	

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 - 11-032E Carroll Agent Orange

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Report Date: 9/2/2011 17:20

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# **Sample Qualification Report**

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

Client Sample ID: 31101879013MS

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date:

Lab Sample ID: 31101879014

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

											***************************************	***************************************		Ω		Pro Lat				-011
Analyte Name	Result	Uncertainty / Error	Resuit Units	Lab Quat	Rep Res	Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Kep Limit	moist Tot/Dis	Field QC	Tune	IC.	ICV	CCV
Analysis Method : 8081					Diluti	on: 1														
Chlordane	32.9		ug/Kg	U						1	1	1	ļ	}	1		l		]	<u> </u>
Chlordane	32.9	;	ug/Kg	U							}	-	ļ	]	1				]	
Toxaphene	32.9		ug/Kg	U													1		1	
Toxaphene	32.9		ug/Kg	Ų					1				1						1	1
Analysis Method : 8151					Diluti	on:1														
Bentazon	0.0327		mg/kg	U						1	1			i			]		1	1
Bentazon	0.0327		mg/kg	U				1			]			Ì					1	1
Picloram	0.0293		mg/kg	J		J				1	1		J	ì					1	1
Picloram	0.0293		mg/kg	J		J				1	·	}	J	}	1					1

Project Number and Name.

11-032E - 11-032E Carroll Agent Orange

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Client Sample ID: 31101879025MS

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Matrix: SO

Sample Date :

Analysis Type: RES

Lab Sample ID: 31101879026

Reviewed By / Date :							App	rove	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	(C	icv	CCV
Analysis Method : 8081					Diluti	on: 1						,								
Chlordane	33,8	1	ug/Kg	U		:	1	1	1		1	l			1	İ	]		<u> </u>	.1
Chlordane	33.8		ug/Kg	υ		:	ĺ	1		1				ļ	l		]			1
Toxaphene	33.8		ug/Kg	U						1					1					1
Toxaphene	33.8	:	ug/Kg	U			i	<u> </u>		 					l		1 1			

Project Number and Name:

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Library Used:

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Report Date: 9/6/2011 08:22

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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: 31101879034MS

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date :

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879035

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Quai*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	1CV	CCV CCV
Analysis Method : 8081					Diluti	on: 1			NAME OF THE OWNER, WHICH WAS TO SEE	,,,,,,,										
Chlordane	33,4	;	ug/Kg	υ	Ĭ	<u>:</u>		1		l	}			ļ					<u> </u>	<u> </u>
Chlordane	33.4	;	ug/Kg	U.				<u> </u>	<u> </u>	l		[	,	<u> </u>					<u> </u>	<u>                                     </u>
Toxaphene	33,4		ug/Kg	U										<u> </u>	l	<i></i>	[]		<u> </u>	1 1
Toxaphene	33.4		ug/Kg	บ			i	1											<u> </u>	11

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

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Report Date: 9/6/2011 08:22 \* 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 3 of 353

Client Sample ID : E11-109-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Sample Date: 07/15/2011 Lab Sample ID: 31101879044

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Łab Quai	Rep Res	Overali Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	(C	(CV	CCV
Analysis Method : 6010C					Dituti	on: 1				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										
Arsenic	6.31		mg/kg		YES				l	]	<u>.</u>			ì			]		I	1
Barium	941		mg/kg		YES					1	İ		l	l	1		<u> </u>		<u> </u>	1
Cadmium	0.902		mg/kg		YES					1	<u>.</u>		l	<u> </u>	1				1	1
Chromium	5.36		mg/kg		YES				1	<u> </u>	<u> </u>		[	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		,	<u> </u>		<u> </u>	1
Lead	9.65	ļ	mg/kg		YES	j				<u>]</u>	<u> </u>	J	<u> </u>	J <b></b>	l		<u> </u>		<u> </u>	
Selenium	1.85		mg/kg		YES	:			l	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		[]		<u>[</u>	<u> </u>
Silver	0.853		mg/kg	J	YES	U	1		U		<u> </u>		l	<u> </u>	]		<u> </u>		<u>                                     </u>	1
Analysis Method : 7471B					Dilutio	on: 1														
Mercury	0.0198	j	mg/kg	ប	YES				l	J	1		l	ì	ļ ļ		l l		J	[
Analysis Method : 8081					Dilutio	on: 1								~~~	******					
4,4'-DDD	10.4	<u> </u>	ug/Kg	U	YES				<u></u>	]	1		l	<u> </u>	<u>                                     </u>		l		<u> </u>	<u> </u>
4,4'-DDD	10.4		ug/Kg	U	YES		1		l	<u> </u>	<u> </u>		l	<u> </u>	I		l		J	l
4,4'-DDE	10.4	<u> </u>	ug/Kg	U	YES		!		<u> </u>	<u> </u>				1	<u> </u>		<u> </u>		<u> </u>	<u> </u>
4,4'-DDE	10.4	<u> </u>	ug/Kg	U	YES		!		<u> </u>	l			l,		<u> </u>				<u> </u>	<u> </u>
4,4'-DDT	10.4	<u> </u>	ug/Kg	Ų.	YES				l	l					<u> </u>		<u> </u>		1	<u> </u>
4,4'-DDT	10.4		ug/Kg	U	YES		[		l	<u> </u>					<u> </u>		l1		<u> </u>	<u> </u>
Aldrin	10.4		ug/Kg	U	YES				<u> </u>	l					<u> </u>		]]		<u></u>	<u> </u>
Aldrin	10.4		ug/Kg	บ	YES		1		l						1 1		<u> </u>		<u> </u>	<u> </u>
alpha-BHC	10 4		ug/Kg	U	YES				l		[]				<u> </u>		<u> </u>		<u></u>	<u> </u>
alpha-BHC	10.4		ug/Kg	U	YES	1			<u> </u>	<u> </u>	<u>.</u> !				<u> </u>		<u> </u>		<u> </u>	İ
alpha-Chlordane	10.4	.,,	ug/Kg	V	YES	į		-			1	- 1			l f					! .
alpha-Chlordane	10.4		ug/Kg	υ	YES					<u> </u>		1			[				<u> </u>	<u> </u>
beta-BHC	10.4	<u> </u>	ug/Kg	υ	YES						<u>                                     </u>				<u>1</u>					<u> </u>
bela-BHC	10.4		ug/Kg	U ;	YES				[	<u> </u>					<u> </u>		}			1
Chlordane	34.7		ug/Kg	U	YES	į											1		1	<u> </u>
Chlordane	34.7		սկ/Ի՛կ	U	Y25		I	J		j					<u> </u>		[		l	l
delta-BHC	10.4		ug/Kg	U	YES	1	1			l i		Ĩ				-	<b></b>			l

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

Client Sample ID : E11-109-S1 Sample Date : 07/15/2011 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Lab Sample ID: 31101879044

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 ToUDis		Tune	IC	ICV	CCV
Analysis Method : 8081					Diluti	on: 1	**************													
della-BHC	10.4	<u> </u>	ug/Kg	U	YES	:			1		1		i	2					1	I
Dieldrin	10,4		ug/Kg	U	YES														1	1
Dieldrin	10.4		ug/Kg	U	YES				1	[	l								l	Ī
Endosulfan I	10.4		ug/Kg	U	YES					1	1	i i							]	1
Endosulfan I	10.4	:	ug/Kg	U	YES						]									1
Endosulfan II	10.4		ยg/Kg	U	YES						į			Į						1
Endosulfan II	10.4	;	ug/Kg	U	YES									)					<u> </u>	l
Endosulfan sulfate	10.4		ug/Kg	U	YES														]	İ
Endosulfan sulfale	10.4		ид/Кд	U	YES						l						l		1	
Endrin	10.4		ug/Kg	U	YES						l								l	<u> </u>
Endrin	10.4		ug/Kg	U	YES					l	]						ĺ			
Endrin aldehyde	10.4		ug/Kg	U	YES		1	i			ſ									l
Endrin aldehyde	10.4		ug/Kg	υ	YES															<u> </u>
Endrin ketone	10.4	;	ug/Kg	U	YES	}	1								<b> </b>		li		l	[
Endrin ketone	10.4		ug/Kg	U :	YES	[				l							Ì			<u> </u>
gamma-BHC (Lindane)	2.74		ug/Kg	J	YES		1					1			[		1		l	1
gamma-BHC (Lindane)	2.74		ug/Kg	J	YES		1	l l			]	ļ								1
gamma-Chlordane	10.4		ug/Kg	υ	YES			ا											l	l
gamma Chlordane	10.4		ug/Kg	U	YES	ļ						I								1
Heptachlor	10.4		ug/Kg	U	YES :	ı	1	J				1								1
Heptachlor	10.4		ug/Kg	U	YES		1	1				1	j				1			l
Heptachlor epoxide	10.4		ug/Kg	U	YES							1					1			1
Heptachlor epoxide	10,4		ug/Kg	υ	YES	1	-				L. I	. 1						.,		ļ
Methoxychlor	10,4	<u> </u>	ug/Kg	υ	YES	j			]						l					1
Methoxychlor	10.4		ug/Kg	บ	YES		1				1	1				1	1	1		l
Toxaphene	34.7		ug/Kg	U	YLU	i	1	1	1	-	{	1	i		1	- 1	1			i

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 08:22

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

Client Sample ID : E11-109-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/15/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879044

Reviewed By / Date :							whh	10460	ı Dy /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	HΥ	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ic.	icv	CCV CCV
Analysis Method : 8081					Dilut	lon: 1					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
Toxaphene	34.7		ug/Kg	U	YES	:			1		1	<b>:</b>	1	I				]	1	1
Analysis Method : 8151					Ditut	ion: 1											v13-1-1213-140-1	-,,,		
2,4,5-T	0.0167		mg/kg	U	YES				l	1	<u> </u>	<u> </u>			l		[	l	1	1
2,4,5-TP (Silvex)	0.0167	;	mg/kg	ប	YES					1		l	1	}	1		l	L	11	1
2,4'-D	0.0167	;	mg/kg	U	YES							l	1		1		1	L	1	1
2,4-DB	0.0167		mg/kg	Ü	YES							1			1			ĺ	J	
Dicamba	0.0167		mg/kg	U	YES				1			i		<u> </u>	1		1	[	1	Ī
Analysis Method : 8260B					Dilut	on: 1														
1,1,1,2-Tetrachioroethane	4.55	i	ug/Kg	U	YES	1 1				Ï	i	1	1		1		l	1	1	1
1,1,1-Trichloroelhane	4.55		ug/Kg	U	YES								1		1				J	1
1,1,2,2-Tetrachloroethane	4.55		ug/Kg	บ	YES					1	[	İ		j				i	]	1
1,1,2-Trichloroethane	4.55		ug/Kg	U	YES	;						1		]	]				I	
1,1-Dichloroethane	4.55		ug/Kg	Ų	YES	:				[			1	}	1 1				1	
1,1-Dichloroethene	4,55		ug/Kg	U	YES	: 1					{		1		]				1	1
1,1-Dichloropropeno	4.66		ug/Kg	U	YES						1								1	
1,2,3-Trichlorobenzene	4,55		ид/Кд	U	YES					1	1				l l			1	I	
1,2,3-Trichloropropane	4.55		ug/Kg	U	YES					1	[								[	]
1,2,4-Trichlorobenzene	4.55		ug/Kg	U	YES	IJ	1			l	UJ								I	1
1,2,4 Trimethylbenzene	4.55		ug/Kg	IJ	YES	LLJ	Ī				IJ			1					1	1
1,2-Dibromo-3-chloropropane	27.3		ug/Kg	U	YES	i I														1
1,2-Dibromoethane	4.55		ug/Kg	U	YES	1	1						1		1 1				1	
1,2-Dichlorobenzene	4,55		ug/Kg	U	YES	1				1					1 1				1	
1,2-Dichloroethane	4.55		ug/Kg	U	YES		1			i 					<u> </u>				1	
1,2-Dichloropropane	4.55		ug/Kg	U	YES	:i	i			l									1	
1,3,5-Trimethy/benzene	4.55	*************	ug/Kg	υ	YES	i	······································			i			[			•••••		•••••		
1,3-Dichtorobenzenc	4.55	:	ug/kg	υ	YES	ìi					i		[		i i				i i	1
1,3-Dichioropropane	4,55	· · · · · · · · · · · · · · · · · · ·	ug/Kg	υ	YES	:	····-i	·'		: 					ii				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 : E11-109-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Sample Date: 07/15/2011 Lab Sample ID: 31101879044

Reviewed By / Date :							App	roved	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	CC/
Analysis Method : 8260B	Manager 11				Diluti	on: 1				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										
1,4-Dichlorobenzene	4,55	i	ug/Kg	U	YES					J	-		<u> </u>	<u> </u>	l		l		<u> </u>	1
2,2-Dichloropropane	4.55		ug/Kg	IJ	YES					l	1		1	<u> </u>	l		<u> </u>		<u> </u>	1
2-Butanone	5,16		ug/Kg	j	YES	j				<u> </u>	J	1	J	ļ	1		l		<u> </u>	1
2-Chlorotoluene	4.55	,	ид/Кд	U	YES				l		†	1							<u> </u>	<u> </u>
2-Hexanone	11.4		ид/Кд	U	YES						1	1	1	<u> </u>					<u> </u>	1
4-Chlorotoluene	4.55		ug/Kg	U	YES					1	1	l	1		ļ				<u> </u>	<u> </u>
4-Isopropyltoluene	4.55		ug/Kg	Ų	YES						1	1	l				[]		<u> </u>	1
4-Methyl-2-pentanone	11.4		ug/Kg	Ų	YES				l	1	1								<u>[</u>	1
Acelone	28.3		ug/Kg	J	YES	J				l	J		J	ĺ						<u> </u>
Benzene	4.55		ug/Kg	U	YES				l	1	<u> </u>	l	<u> </u>	1					<u> </u>	<u> </u>
Bromobenzene	4.55		ug/Kg	Ų	YES	ı				]	]	<u> </u>			<u>                                     </u>		<u> </u>	.,	1	<u> </u>
Bromochloromethane	4,55		ug/Kg	U	YES		1			1	<u> </u>	}		<u> </u>	<u> </u>	******	<u>[</u> j		<u> </u>	<u> </u>
Bromodichloromethane	4.55		ug/Kg	U	YES	}	1			l	1	1	L	]	<u> </u>		<u> </u>			<u> </u>
Bromaform	4.55		ug/Kg	U	YES		1	-			ļ			1	<u> </u>	*******	<u> </u>			<u> </u>
Bromomethane	4.55		ug/Kg	U	YES		I			l	1	L		]			l			<u> </u>
Carbon disulfide	4.55		ug/Kg	U	YES		1	J									l			1
Carbon tetrachloride	4.55		ug/Kg	บ	YES		1			ł	l	l	l	<b>.</b>						<u> </u>
Chlorobenzene	4.55		ug/Kg	U	YES	-	1					ĺ	ŀ		1 1				1	1
Chloroethane	4.55		ug/Kg	Ų	YEE	}	1	1				1			1					l
Chloroform	4.55		ug/Kg	U	YES	1	1				1									l
Chloromethane	4,55		ug/Kg	U	YES	1	1			]	)									l
cis-1,2-Dichloroethene	4.55		ug/Kg	Ų	YES	Ī	1			l	i .	İ.							I	ļ
cis-1,3-Dichloropropene	4.55		ug/Kg	U	YES								1		į i					
Dibromochloromethane	4.55		ug/Kg	U	YES	I	1					İ	l		<u> </u>					
Dibromomethane	4.55		ug/Kg	U	YES		į													
Dichloroditiuoromethane	4.55		ug/Kg	U	YES	1	1	1		ı	 				1 1					

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:22 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 7 of 353

Client Sample ID : E11-109-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Sample Date: 07/15/2011 Lab Sample ID: 31101879044

Reviewed By / Date :							Арр	rovec	ı 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	CCV CV/
Analysis Method: 8260B		*******************			Diluti	on: 1														
Ethyl Benzene	4.55	r	ug/Kg	U	YES						<u> </u>	<u> </u>	1	<u> </u>	l		1	<u> </u>	<u> </u>	<u> </u>
Hexachlorobutadiene	4.55		ug/Kg	U	YES				1	1	]			Ï	Ii		<u> </u>	<u> </u>	<u> </u>	1
Isopropylbenzene (Cumene)	4.55		ug/Kg	ប	YES				l			j		<u> </u>	]		1	<u> </u>	1	1
m,p-Xylene	9.10		ug/Kg	U	YES					1				1	Į.,		l	1	<u> </u>	<u> </u>
Methyl iodide	0.828		ug/Kg	j	YES	J	1		ļ	1			J	i .	1		ĺ	(	<u>J</u>	<u> </u>
Methylene chloride	1,47		ug/Kg	j	YES	ប្រ			U	1		1	J	1			[	Ĺ	<u> </u>	<u> </u>
Naphihalene	4.55		ug/Kg	U	YES	UJ	J			1	UJ	1		ĺ			<u> </u>		<u> </u>	<u> </u>
n-Butylbenzene	4.55		ug/Kg	Ų	YES					l	l	[		i	1		ĺ	Í	]	1
n-Propylbenzene	4.55		ug/Kg	U	YES					1	1		1	1	1		<u> </u>	}	<u> </u>	<u> </u>
o-Xylene	4.55		ug/Kg	Ų	YES	}	1		1				1		1		1			1
sec-Bulyibenzene	4.55		ug/Kg	U	YES		1				İ	1			1			Ĺ	1	
Styrene	4.55		ug/Kg	U	YES	IJ				1	เกา	1	[	1	l		1	İ	<u> </u>	ļ
tert-Butyl methyl ether (MTBE)	4.55		ug/Kg	U	YES						1	İ					1		J	<u> </u>
tert-Butylbenzene	4.55		ug/Kg	U	YES						ĺ				1 1				<u> </u>	
Tetrachloroelhene	2.55		ug/Kg	J	YES	J	1	.,,		l			J		1 1			[		1
Toluene	4.55		ug/Kg	U	YES	1	1						1						]	1
trans-1,2-Dichloroethene	4.55		ug/Kg	U	YES	-	1			1			1		1				<u> </u>	1
trans-1,3-Dichloropropene	4.55		ug/Kg	U	YES		,						1						1	l
trans-1,4-Dichloro-2-butcne	22.8		ug/Kg	U	YES							}	l						1	l
Trichloroethene	4.55		ug/Kg	U	YES		1				Į		1	1	l			l	1	l
Trichlorofluoromethane	4.55		ug/Kg	U	YES	UJ ‡	i				UJ	}			]				l	l
Vinyl chloride	4.55		ug/Kg	V	YES	1	1			]	1				1 1				1	
Analysis Method : 8270D					Dilutio	n: 1									.,,					
1,2,4-Trichlorobenzene	342	:	ug/Kg	U	YES		1						1		]		<u> </u>		Í	ļ
1,2-Dichlorobenzene	342	:	ug/Kg	U	YES		1						1						<u> </u>	1
1,3-Dichlorobenzene	342	:	ug/Kg	U	YEE	1				l	<u> </u>	1	l		l					1
1,4-Dichlorobenzene	342	į	ug/Kg	U	YES		ĺ				l		[		<u></u>	,	J,,,,,,		<u> </u>	1

Project Number and Name:

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Library Used:

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

Client Sample ID : E11-109-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Sample Date : 07/15/2011 Lab Sample ID: 31101879044

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Qual*	Temp	HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 8270D					Dilutio	on: 1												data da la constanta de la con		
2,4,5-Trichlorophenol	342		ug/Kg	U	YES						į		l	l	1		}			1
2,4,6-Trichlorophenol	342		ug/Kg	υ	YES					[	1				1				1	l
2,4-Dichlorophenol	342		ug/Kg	U	YES						l				l				1	1
2,4-Dimethylphenol	342		ug/Kg	U	YES					l					1				<u> </u>	Ĭ
2,4-Dinitrotoluene	342		ug/Kg	U	YES					1	l			Ì					]	1
2,6-Dinitrololuene	342		ug/Kg	U	YES					l	1				]i					1
2-Chloronaphthalene	342		ug/Kg	Ų	YES										I				1	Ĭ
2-Chlorophenol	342		ug/Kg	Ų	YES						1			ĺ		,,,,,,,,,,				1
2-Methylnaphthalene	342		ug/Kg	υ	YES						1									
2-Methylphenol	342		ug/Kg	υ	YES						,				1					
2-Nitroaniline	342		ug/Kg	U	YES															
2-Nitrophenol	342		ug/Kg	U	YES					l							]		1	1
3 and/or 4-Methylphenol	342		ug/Kg	U	YES												ì			
3-Nitroaniline	342		ug/Kg	U	YES	1	1				1	-								
4-Bromophenyl phenyl ether	342		ug/Kg	U	YES	1	1	1							1					1
4-Chloro-3-methylphenol	342		ug/Kg	U	YES		Ī													1
4-Chloroaniline	342		ug/Kg	U	YES		1					J			]					
4-Chlorophenyl phenyl ether	342		ug/Kg	U	YES							I					}			1
4-Nitroaniline	342		ug/Kg	υ	YES	i	1										-			1
4-Nitrophenol	342		ug/Kg	υ	YES	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	1									ì			]
Acenaphthene	342	Í	ug/Kg	U	YES		1	1	i	}		1					(		[	
Acenaphthylene	342		ug/Kg	U	YES		1	1			1	I				ļ				
Anthracene	342	:	ug/Kg	U	YES		Ī					1	i			1				1
Benzo(a)anthracene	342	:	ug/Kg	U	YES ;	1					1	1	į		1	1				1
Велго(а)ругеле	342	:	ug/Kg	บ	YES	·····	]	1	1										l	1
Benzu(b)fluoranthene	342	i ii	ug/Kg	U	YES	I	i	1		;	1	1				ì	;		 	1

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:22 added manually for categories not assessed by automated data review

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

Client Sample ID : E11-109-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Sample Date : 07/15/2011 Lab Sample ID: 31101879044

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis	Tune	łC	icv	CCV CCV
Analysis Method : 8270D	**,				Diluti	on:1										 			4000000
Benzo(g,h,i)perylene	342		ug/Kg	Ų	YES			Ī		[		Ĺ	l			[]	l	<u> </u>	1
Benzo(k)fluoranihene	342		ug/Kg	Ų	YES				]		<u> </u>	l	<u> </u>	<u> </u>	<u>                                     </u>	 [	<b></b>	<u> </u>	1
Bis(2-Chloroethoxy)methane	342	;	ug/Kg	U	YES					<u> </u>			l	<u> </u>	<u>                                     </u>	 		ļ.,,, <u>.</u>	1
Bis(2-Chloroethyl)ether	342	;	ug/Kg	υ	YES				[	1				<u> </u>	<u>                                     </u>	 []		<u> </u>	
Bis(2-Chloroisopropyl)ether	342		⊔g/Кg	U	YES				ļ .		1		l	1	1	 l		<u> </u>	l
Bis(2-Ethylhexyl)phthalate	342		ug/Kg	U	YES				İ	1	1		<u> </u>	1	<u> </u>	 <u> </u>		<u> </u>	<u> </u>
Butyl benzyl phthalate	342		ug/Kg	U	YES					1	1			l	l	 		<u>.</u>	1
Chrysene	342		ид/Кд	U	YES					]	1		l		<u> </u>	 1		J	<u>                                     </u>
Dibenz(a,h)anthracene	342		ид/Кд	U	YES					1			l	l	J	 <u> </u>		<u> </u>	ļ
Dibenzofuran	342		ug/Kg	U	YES		ı		1				l		<u>[</u> ]	 <u>[</u> j		<u> </u>	J
Diethyl phthalate	342		ug/Kg	U	YES								l		<u> </u>	 		<u> </u>	<u> </u>
Dimethyl phthalate	342		ug/Kg	V	YES						!				<u>                                     </u>	 	L	<u> </u>	<u></u>
Di-n-bulyl phthalate	342		ug/Kg	U	YES				[	1		l		ļ	l	 	L	<u> </u>	1
Di-n-octyl phthalate	342		ug/Kg	U	YES				l	<u> </u>	1				<u>                                     </u>	 	L	<u> </u>	1
Fluoranthene	342		ug/Kg	U	YES				l					<u> </u>	<u> </u>	 <u>                                     </u>	L	<u> </u>	l
Fluorene	342		ug/Kg	U	YES		- 1			1	1	<u> </u>		1	<u> </u>	 <u> </u>	ļ.,,	1	1
Hexachlorobenzene	342	1	ug/Kg	U	YES		1		l	1	1				1	 <u> </u>		1	1
Hexachlorobuladiene	342	;	ug/Kg	U	YES		1			1	1				<u> </u>	 		l	1
Hexachtorocyclopentadione	342		ug/Kg	U	YES		1			ŀ					1	 			
Hexachloroethane	342		ug/Kg	υ	YES		1									 		l ,	l
Indeno(1,2,3-cd)pyrene	342		ид/Кд	U	YES		I					[			]			ŀ	1
Isophorone	342	:	ug/Kg	U	YES		1		l .						l 1	 			1
Naphihalene	342		ug/Kg	U	YES	3	1								<u> </u>			[	<u> </u>
Nitrobenzene	342		ug/Kg	υ	YES	-	1	1										l	ļ
n-Nitrosodi-n-propylamine	342	i i i i i i i i i i i i i i i i i i i	ug/Kg	Ų	YES		1	1								 [ ]			
Pentachlorophenol	042	ľ	ug/Kg	V	YLU	UIJ	1			ປປ						l Ì			

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/6/2011 08:22

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

Client Sample ID : E11-109-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/15/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879044

Reviewed By / Date :			.,				App	rove	By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	мs	Lab Dup	Surr	Rep Limít	Moist Tot/Dis	Field QC	Tune	ìC	icv	CCA CA1
Analysis Method : 8270D					Diluti	on: 1														
Phenanthrene	342		ug/Kg	U	YES				1	1	l			1	1		I		1	
Phenol	342		ug/Kg	U	YES	1			 				[	į.	1	1	1		1	
Pyrene	342		ug/Kg	U	YES				1						]	!	1		1	

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

Library Used:

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Client Sample ID : E11-110-S1

Sample Date: 07/15/2011

Lab Sample ID: 31101879052

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

5 h da \$1ama	Result	Uncertainty / Error	Result Units	Lab Qual	Rep	Overall	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	łC	ICV	CCV
Analyte Name Analysis Method : 6010C	nesull	LITU	Viins		Dilutio		h					r						. :		
	4.18	:	mg/kg		YES				1		ſ	 			1		1 :			1
Arsenic	4.18	<del>{</del> <del>-</del> ;	mg/kg		YES	:			<u>.</u>		 1		. <u>.</u>	! !	1		i		: }	1
Arsenic	92.8	<del>{</del>	mg/kg		YES	! :	!	! !	! 	1 1	!			! 	!				! 	1
Barium	92.8	{	mg/kg		YES				! !	<u> </u>				! !	!i		!		: 	
Barium	0.591	[			YES				l	<u>-</u>	¦		! 1	! 	<u> </u>				! !	
Cadmium		[	mg/kg		YES				1	!	1	¦		! !	ļ		t		! !	·
Cadmium	0.591	ļ	mg/kg							<u> </u>	<del> </del>	<u> </u>	<u> </u>	<u> </u>	ļ				F	<u>!</u>
Chromium	3.95		mg/kg		YES					ļ			1	!	ļ		ļ		E	ļ
Chromium	3.95	<u> </u>	mg/kg		YES					ļ	ļ	ļ	1	<u> </u>	<u> </u>	•••••	<u> </u>			ļ
Lead	7.75	[	mg/kg		YES				<u>.</u>	ļ	ļ	ļ	ļ	!	<u> </u>		ļ			ļ
Lead	7.75		mg/kg		YES				ļ	<u> </u>	ļ	ļ	ļ	<u> </u>	ļ		ļ			ļ
Selenium	1.85	<u> </u>	mg/kg	U	YES		1			ļ	<u> </u>	ţ	ļ		ļ		ļ			ļ
Selenium	1.86		mg/kg	U	YES				ļ	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>	ļ		ļ		ļ	ļ
Silver	0.153		mg/kg	J	YES	ប	<u>.</u>		U	<u> </u>	ļ	<u> </u>	ļ	<u> </u>	<u> </u>		L		ļ	ļ
Silver	0.153		mg/kg	J	YES	U	<u> </u>		υ	<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>		l	ļ
Analysis Method : 7471B					Dilutio	on: 1														
Mercury	0.0180		mg/kg	U	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				l	ļ
Analysis Method : 8081					Dilutio	on: 1														
4,4'-DDD	10,0		ug/Kg	υ	YES			,	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>			<u>l</u>		<u></u>	<u> </u>
4,4' DDD	10.0		ug/Kg	u	YES			,	<u> </u>	<u> </u>	<u> </u>		l	ļ	<u>                                     </u>		<u> </u>			<u> </u>
4,4'-DDE	10.0		ug/Kg	υ	YES				<u> </u>	<u> </u>	1	}		!	<u>                                     </u>		<u>                                     </u>		<u> </u>	<u> </u>
4,4'-DDE	10,0		ug/Kg	ប	YES		1				!	[	l		<u> </u>		<u>                                     </u>		<u> </u>	1
4,4'-DDT	2.99		ug/Kg	JP :	YES	บ	1		U		)				1				<u> </u>	1
4,4'-DDT	2.99		ид/Кд	JP	YES	ีย	1		U	1								,	<u> </u>	<u> </u>
Aldrin	10.0		ug/Kg	U ;	YŁ5														l	<u> </u>
Aidrin	10.0		ug/Kg	U	YES						 									1
alpha-Di IC	10.0		ug/Kg	Ų	YES		i			1			[		i i					1
aipha-8HC	10.0		ug/Kg	U	YES					1	i	ı	1		1		1 1		i ,	}

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

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

Client Sample ID : E11-110-S1

Lab Report Batch: 31101879

Sample Date: 07/15/2011 Analysis Type: RES Sample Matrix: SO

Lab ID: SGSW

Lab Sample ID: 31101879052

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quai*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCA CCA
Analysis Method: 8081					Diluti	оп:1										 			
alpha-Chlordane	10.0	;	ug/Kg	U	YES				1					l	I	 		1	1
aipha-Chlordane	10.0	;	ug/Kg	U	YES				1	<u> </u>		li		i	J	 		1	1
beta-BHC	10,0		ug/Kg	U	YES	<u>:</u>			<u> </u>	[	<u> </u>			l	<u> </u>	 		<u> </u>	1
beta-BHC	10.0		ug/Kg	υ	YES				<u> </u>	<u> </u>	<u>,,,,,,</u> ,		l			 []		<u>]</u>	<u> </u>
Chlordane	33.4		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>		[		l	 		<u> </u>	1
Chlordane	33.4		ug/Kg	ប	YES		1		ļ	<u> </u>	<u> </u>		[		]	 <u> </u>		J	1
delta-BHC	10.0		ug/Kg	U	YES		I			J	<u>:</u>		l		<u></u>	 l		<u>.</u>	<u> </u>
delta-BHC	10.0		ug/Kg	U	YES				<u> </u>	<u> </u>	]		<u> </u>	[	<u></u>	 ll		<u> </u>	<u> </u>
Dieldrin	10.0		ug/Kg	U	YES					]	<u> </u>		<u> </u>		<u> </u>	 l		J	<u> </u>
Dieldrin	10.0		ид/Кд	U	YES	: {	<u></u>		l	<u> </u>	<u> </u>	l	<u> </u>		<u> </u>	 <u> </u>		<u>[</u>	<u> </u>
Endosulfan I	10.0	<u> </u>	ug/Kg	υ	YES				l	<u> </u>		<u> </u>	<u> </u>		<u> </u>	 		<u> </u>	<u>L</u>
Endosulfan I	10.0	<u> </u>	ug/Kg	U	YES				<u>.</u>	1	1				J	 <u> </u>		<u> </u>	<u> </u>
Endosulfan II	10,0	ļ <u>.</u>	ug/Kg	U	YES		<u></u>		<u>.</u>	<u> </u>	<u> </u>				<u> </u>	 l		<u> </u>	<u> </u>
Endosulfan II	10,0		ug/Kg	u	YES		<u> </u>	1	L	<u> </u>	[				l	 l		J	<u> </u>
Endosulfan sulfate	10.0		ug/Kg	U	YES		<u></u>	1	l <u></u>	<u> </u>					<u> </u>	 <u> </u>		<u> </u>	<u> </u>
Endosulfan sulfate	10.0		ug/Kg	U	YES		<u> </u>		l						1	 <u> </u>		<u> </u>	[
Endrin	10.0		ug/Kg	U	YES			J	ļ.,. <b>.</b>	l		l				 		1	<u> </u>
Endrin	10.0		ug/Kg	u	YES		1	]		ļ					<u> </u>	 		<u> </u>	l
Endrin aldehyde	10.0		ug/Kg	U	YES						ļ				l!	 		<u> </u>	l,
Endrin aldehyde	10.0		ug/Kg	Ų	YES			<u>J</u>		l,						 !		l	l
Endrin ketone	10.0		ug/Kg	U	YES			1		l					l	 		l	İ
Endrin ketone	10.0		ug/Kg	U	YES					l					ļ <u>1</u>	 		l	١
gamma-BHC (Lindane)	10.0		ug/Kg	U	YES	ļ	1	1		l					<u>                                       </u>	 !		1	<u> </u>
gamma-BHC (Lindane)	10.0	<u>;</u>	ug/Kg	U	YES				!	l						 ì		l	<u> </u>
gamma-Chlordane	10.0	į	ug/Kg	u	YES		!					- 1	- 1			i			1
gamma-Chloidaile	10.0	l i	ug/Kg	U	YEC		- 1	1			1	l	1						1

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

Client Sample ID : E11-110-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/15/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879052

Reviewed By / Date :									. <i></i> ,	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quat*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Типе	1C	ICV	CCV
Analysis Method : 8081					Dituti	on: 1			.,,											
Heplachior	10.0		ug/Kg	บ	YES	1		l		1		f		İ	]		l	l	]	1
Heplachlor	10.0		ug/Kg	U	YES					l				l			[		1	1
Heptachlor epoxide	10.0		ug/Kg	U	YES	:			1	J		<u> </u>	<u> </u>		1		<u> </u>		J	J
Heptachlor epoxide	10.0		ug/Kg	U	YES				1			İ			1					1
Methoxychlor	10.0	;	ug/Kg	U	YES					ŀ			1	1	l					1
Methoxychlor	10.0		ug/Kg	U	YES				l		1		1	1			1		}	<u> </u>
Toxaphene	33.4		ид/Кд	U	YES	:			1			}	1	}						Ī
Toxaphene	33.4		ug/Kg	U	YES					1									]	]
Analysis Method : 8151					Diluti	on: 1														
2,4,5-T	0.0171		mg/kg	Ų	YES	:			[	l	1			l	l				J	1
2,4,5-TP (Silvex)	0.0171		mg/kg	ប	YES						l	l	1		1 1		ĺ		1	1
2,4'-D	0.0171		mg/kg	U	YES		1		]			1	1	l						1
2,4-DB	0.0171		mg/kg	U	YES		I						ĺ		1					1
Dicamba	0.0171	j	mg/kg	υ	YES								١.		[				1	1
Analysis Method : 8260B					Dituti	on: 1						·····								
1,1,1,2-Tetrachloroethane	4.87		ug/Kg	U	YES				<u> </u>				[		1				1	1
1,1,1-Trichloroethane	4.87		ид/Кд	U	YES	1			l	l									1	1
1,1,2,2-Tetrachloroethane	4.87		ид/Кд	U	YES		I								l		<u> </u>		]	
1,1,2-Trichloroethane	4 87		ug/Kg	U	YES	; I	1								<u> </u>				<u> </u>	1
1,1-Dichloroethane	4.87		ug/Kg	U	YES		1								l		l		<u> </u>	<u> </u>
1,1-Dichloroethene	4.87		ug/Kg	บ	YES	i	1								[ ]				1	
1,1-Dichloropropene	4.87		ug/Kg	U	YES	1	- 1								1				1	
1,2,3-Trichlorobenzene	4,87		ug/Kg	U	YES		1								ſ			•		
1,2,3-Trichtoropropane	4.87	;	ug/Kg	U	YŁS		i													
1,2,4-Trichlorobenzene	4.87		ug/Kg	υ	YES	UJ	i				UJ									J
1,2,4 Thmothylbenzene	4.67		ug/Kg	ij	竹簡多	gj.					11.0									1
1,2-Dibromo-3-chloropropane	29.2		ug/Kg	U	YES	i	· · · · · · · · i												1	

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

Client Sample ID : E11-110-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Sample Date: 07/15/2011

Lab Sample ID: 31101879052

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual		HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Тиле	IC	ICV	CCA
Analysis Method : 8260B					Dilutio	on: 1				***************************************										
1,2-Dibromoethane	4.87		ug/Kg	U	YES		i 1		l	i	i	1		1						1
1,2-Dichlorobenzene	4.87		ug/Kg	U	YES		i				l	Ī					li		]	1
1,2-Dichloroethane	4.87		ug/Kg	Ų	YES					1		1	1	i	1					1
1,2-Dichloropropane	4.87		ug/Kg	U	YES				1	l	1		l		ļ				1	1
1,3,5-Trimethylbenzene	4.87		ug/Kg	υ	YES				1	l	i		l		l [		[]		<u> </u>	1
1,3-Dichlorobenzene	4.87		ug/Kg	υ	YES		1		1	1	l	Ĺ	l				1		l	ļ
1,3-Dichloropropane	4.87		ug/Kg	U	YES				1	1	1	l	ĺ				1 1		1	1
1,4-Dichlorobenzene	4,87	i i	ид/Кд	ប	YES				1		}		l .						ĺ	
2,2-Dichloropropane	4.87		ид/Кд	U	YES							l	l						1	
2-Butanone	24.3		ug/Kg	Ų	YES								l .				ĺ		1	
2-Chlorololuene	4.87		ug/Kg	U	YES					1	1	1			]					1
2-Hexanone	12.2		ид/Кд	U	YES															1
4-Chlorotoluene	4.87		ug/Kg	U	YES														1	
4-Isopropyltoluene	4.87		ug/Kg	Ų	YES		- 1								<u> </u>				<u> </u>	1
4-Methyl-2-pentanone	12.2		ug/Kg	U	YES					1					<u> </u>				<u> </u>	<u> </u>
Acetone	9.08		ug/Kg	J	YES	J			ĺ		J	l	J		<u> </u>		{		ļ	ļ
Benzene	4.87	į	ug/Kg	U	YES		- 1								1!		}		l	1
Bromobenzene	4.87		ид/Кд	U	YES				l			í			l		l		ĺ	1
Bromochloromethane	4.87		ug/Kg	Ų	YES										l		ļ., <u>l</u>		l	1
Bromodichloromethana	4.87		ug/Kg	U	YES :										l				l	1
Bromoform	4.87		uq/Kq	Ų	YES	-	- 1												l	1
Bromomethane	4.87		ug/Kg	U	YES		1										ļ		l	1
Carbon disulfide	4.87		ug/Kg	u	YES		1								[ ]		i	i		1
Carbon tetrachloride	4,87	;	ug/Kg	U	YES		ì		li	ļ.,,,,,			l				1			ļ
Chlorobenzene	4.87		ug/Kg	V	YES :															1
Unioroethane	4.87		og/Kg	υ	YES												i i			1

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Library Used:

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

Client Sample ID: E11-110-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Sample Date : 07/15/2011 Lab Sample ID: 31101879052

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	Тетр	НT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Molst Tot/Dis		Tune	IC	ICV	CCA CCA
Analysis Method : 8260B					Dilutio	on: 1														
Chloroform	4.87		ug/Kg	Ų	YES			<u> </u>	<u> </u>		!		l	<u> </u>	<u> </u>				<u></u>	ļ
Chloromethane	4,87		ug/Kg	υ	YES		1			l	l		l		<u>[</u> ]		<u> </u>		<u> </u>	<u> </u>
cis-1,2-Dichloroethene	4.87		ug/Kg	υ	YES		1	1			1		l	Ì	<u> </u>		l		<u> </u>	<u> </u>
cis-1,3-Dichloropropene	4.87		ug/Kg	U	YES		1	İ			ĺ		<u> </u>		<u>                                     </u>		<u> </u>	.,	<u> </u>	<u> </u>
Dibromochloromethane	4,87		ug/Kg	U	YES		1	l		<u> </u>		,	[	·	<u>                                     </u>				<u> </u>	l
Dibromomethane	4.87		ug/Kg	U	YES		i	1					l		<u>                                     </u>				<u></u>	ļ
Dichlorodifluoromethane	4.87		ug/Kg	U	YES		ļ	1			}		l	İ	<u>                                      </u>	<b>.</b>			<u> </u>	l
Ethyl Benzene	4.87		ug/Kg	U	YES								[		<u>                                      </u>	<b></b>	l		<u> </u>	l
Hexachlorobutadiene	4.87	,	ug/Kg	U	YES		ļ						<u> </u>		1				<u> </u>	<u> </u>
Isopropylbenzene (Cumene)	4.87	;	ug/Kg	U	YES		ļ			l			<u> </u>		1		l		<u> </u>	<u> </u>
m,p-Xylene	9.74		ug/Kg	υ	YES				1				[		l		[]		<u> </u>	<u> </u>
Methyl iodide	4.87		ug/Kg	บ	YES							<u> </u>	<u> </u>				l		<u> </u>	<u> </u>
Methylene chloride	1.30		ug/Kg	J	YES	UJ	1		U				J	ļ	<u>                                     </u>		<u> </u>		<u> </u>	<u> </u>
Naphthalene	4.87		ug/Kg	U	YES	ប្រ	ļ				UJ		l		<u>                                     </u>		l			l
n-Bulylbenzene	4.87		ug/Kg	Ų	YES		{								<u> </u>					<u> </u>
n-Propylbenzene	4.87		ug/Kg	U	YES		(								<u> </u>				!	l
o-Xylene	4.87		ug/Kg	U	YES								l						1	l
sec-Bulylbenzene	4.87		ug/Kg	U	YES		İ	]						,	l		<b>.</b>	: . •		1
Styrene	4.87		ug/Kg	U	YES	IJ					ŲJ						l		!!	1
tert-Butyl methyl ether (MTSE)	4.87		ug/Kg	U	YES								l				l			l
tert-Butylbenzene	4 87	:	ug/Kg	Ų	YES										!		l			1
Tetrachloroethene	4.87		ug/Kg	U	YES												l		!	1
Toluene	1.29		ug/Kg	J	YES	j		l	<u>[</u> ]				J		1		l j		<u> </u>	ļ <i></i>
trans-1,2-Dichloroethene	4.87	;	ug/Kg	U	YES		1						[				<u> </u>		l'	l
trans-1,3-Dichloropropene	4.87		ug/Kg	U	YES												<u>                                     </u>		i I	ĺ
trans-1,4-Dichloro-2-butene	24.3	· · · · · · · · · · · · · · · · · · ·	ug/kg	U	YE5								l		l i				j'	1

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

Client Sample ID : E11-110-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Sample Date : 07/15/2011 Lab Sample ID: 31101879052

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	IC	1CV	CCV
Analysis Method : 8260B					Dilutio	on: 1														
Trichloroethene	4.87		ug/Kg	U	YES				1	Ĭ							ļ.,,		l	1
Trichlorofluoromethane	4.87		ug/Kg	U	YES	UJ					ŲJ		<u> </u>		<u>[</u>		<u> </u>		l	1
Vinyl chloride	4.87		ug/Kg	Ų	YES								<u> </u>				<u> </u>	. , ,	l	1
Analysis Method : 8270D					Dilutio	on: 1														
1,2,4-Trichlorobenzene	335	;	ug/Kg	U	YES			. ,	1	l	<u> </u>		l		1	İ	ļj		l	!
1,2-Dichlorobenzene	335		ug/Kg	U	YES	i		,	l	l			l		li	i	ļ		l	İ
1,3-Dichlorobenzene	335		ug/Kg	U	YES				l	<u> </u>			l		l				İ	<u></u>
1,4-Dichlorobenzene	335		ид/Ко	U	YES				l	ا ,			l	İ	1		[]		l	1
2,4,5-Trichlorophenol	335		ug/Kg	U	YES				1				l		<u> </u>				l	l
2,4,6-Trichtorophenol	335		ug/Kg	υ	YES				<u> </u>	l			l	}	1		1		l	1
2,4-Dichlorophenol	335		ug/Kg	υ	YES	1		·		l			l				l		İ	<u> </u>
2,4-Dimethylphenol	335		ug/Kg	U	YES		- 1		ļ					l		l	<u> </u>		l.,	1
2,4-Dinitrotoluene	335		ug/Kg	U	YES		1		l	.,							<u> </u>		l	ļ
2,6-Dinitrotoluene	335		ид/Кд	U	YES		I						<u> </u>				<u> </u>		l	<u> </u>
2-Chloronaphthalene	335		ug/Kg	U	YES												<u> </u>		l	ļ
2-Chlorophenol	335		ug/Kg	Ų	YES					1							<u> </u>		l	<u> </u>
2-Methylnaphthalene	335		ug/Kg	U	YES												11		l	<u> </u>
2-Methylphenol	335		ug/Kg	Ų	YES	}					[						1 1		ļ <u>.</u>	1
2-Nitroaniline	335		ug/Kg	υ	YES	į											<u> </u>		ļ.,,,,,	<u> </u>
2-Nitrophenol	335		ug/Kg	υ	YES	}									l		!			<u> </u>
3 and/or 4-Methylphenol	335		ug/Kg	U	YES		1								l	· · · · · · · · · · · · · · · · · · ·				1
3-Nitroaniline	335		ug/Kg	U	YES				l											<u> </u>
4-Bromophenyl phenyl ether	335		ug/Kg	U	YES		J										<u>                                     </u>			<u> </u>
4-Chioro-3-methylphenol	335		ид/Кд	U	YES	i											l	1		<u> </u>
4-Chloroaniline	335		ug/Kg	U	YES							1					[		,	<u> </u>
4-Chlorophenyl phenyl ether	335		ug/Kg	V	YEU					-					1					<u> </u>
4-Nitroaniline	335	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ug/Kg	υ	YES	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 : E11-110-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879052 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quai*		HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC.	icv	CCV CCV
Analysis Method : 8270D					Diluti	on: 1										,				
4-Nitrophenol	335		ug/Kg	U	YES	:			l		İ	l	<u> </u>	]	1				<u> </u>	1
Acenaphthene	335		ug/Kg	υ	YES		1			[		l	1	}	1				<u> </u>	1
Acenaphthylene	335		ug/Kg	υ	YES		1 1		ĺ	l	}	<u> </u>	<u> </u>	<u> </u>	<u> </u>		]		<u>.</u>	1
Anthracene	335		ug/Kg	U	YES		]					<u> </u>	1	<u>}</u>	l	<b>.</b>			<u>J</u>	ļ
Benzo(a)anthracene	335		ug/Kg	U	YES	:	l					İ,	1	<u> </u>	J		<u> </u>		<u> </u>	<u> </u>
Benzo(a)pyrene	335		ug/Kg	U	YES								1	<u> </u>	1		l	ļ	<u> </u>	<u>L</u>
Benzo(b)fluoranthene	335		ид/Кд	U	YES									Ì					<u>]</u>	<u> </u>
Benzo(g,h,i)perylene	335		ug/Kg	U	YES		!							l	1 1				<u> </u>	<u>L</u>
Benzo(k)fluoranthene	335		ug/Kg	U	YES					l			[		]				<u> </u>	<u> </u>
Bis(2-Chloroethoxy)melhane	335		ug/Kg	U	YES					]				<u> </u>	1		<u> </u> j	<b>-</b>	<u> </u>	<u> </u>
Bis(2-Chloroethyl)ether	335		ug/Kg	U	YES								<u>                                     </u>	<u> </u>			[]		<u> </u>	1
Bis(2-Chloroisopropyl)ether	335		ug/Kg	U	YES								l	}	<u>                                     </u>		<u> </u>		1	<u> </u>
Bis(2-Ethylhexyl)phthalate	335		ug/Kg	U	YES								<u> </u>		<u>[                                    </u>		<u> </u>		1	1,
Butyl benzyl phthalate	335		ид/Кд	V	YES		<b> </b>						l	<u> </u>	1 1		<u> </u>		<u> </u>	1
Chrysene	335	,	ug/Kg	υ	YES					İ			<u> </u>		11				<u> </u>	l
Oibenz(a,h)anthracene	335		ug/Kg	υ	YES								<u> </u>	i				<b></b>		1
Dibenzofuran	335		ug/Kg	U	YES								ļ	l					1	1
Diethyl phthalate	335		ug/Kg	ប	YES		ļ						ļ	l					1	1
Dimethyl phihalate	335		ug/Kg	U	YES								1	<u> </u>			}	/	<u> </u>	ļ
Di-n-bulyi phthalale	335		ug/Kg	U	YES		<b> </b>						1	İ	i 1				1	l
Di n-octyl phihalate	335		нд/Кд	U ;	YES								1	ĺ					1	I
Fluoranthene	335		ид/Кд	U	YES								1	<u> </u>			li		l	1
Fluorene	335		ug/Kg	U	YES								l						ŀ	l
Hexachlorobenzene	335		ug/Kg	U	YES			, ,		1			1						<u> </u>	<u> </u>
Hexachlorobutadiene	335		ug/Kg	U	YES										l i				ł	[
Hexachlorocyclopentadiene	335		ug/Kg	บ	YES					į									1	J

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

Client Sample ID : E11-110-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Sample Date: 07/15/2011 Lab Sample ID: 31101879052

#### Approved By / Date :

Reviewed By / Date :							App	rovec	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	CCV CCV
Analysis Method : 8270D					Diluti	on: 1														
Hexachloroethane	335		ug/Kg	U	YES		!		<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>		l	<u> </u>	<u> </u>	<u> </u>
Indeno(1,2,3-cd)pyrene	335		ug/Kg	U	YES		1			]	l	L	1	]	l		l	<u></u>	1	1
Isophorone	335		ug/Kg	υ	YES		1			1	l		1	]	L		<u> </u>		<u> </u>	1
Naphthalene	335		ug/Kg	U	YES	:								]	L		l		<u> </u>	<u> </u>
Nitrobenzene	335		ug/Kg	U	YES	:	}										ĺ		J	[
n-Nitrosodi-n-propylamine	335		ug/Kg	Ų	YES		{		1				1				l		<u> </u>	1
Pentachlorophenol	335		ug/Kg	U	YES	UJ	}			UJ	l			<u>i</u>	l		<u> </u>		J	1
Phenanthrene	335		ug/Kg	U	YES		ì		Ī	[			1				l		J	1
Phenol	335		ug/Kg	Ú	YES	:				[			1	}			<u> </u>		<u> </u>	<u> </u>
Pyrene	335		ug/Kg	U	YES	:								į			l		<u> </u>	[

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

Client Sample ID : E11-111-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Sample Date : 07/15/2011 Lab Sample ID: 31101879038

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overati Qual*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	iC	ICV	CC/
Analysis Method : 6010C		***************************************			Diluti	on: 1										 			
Arsenic	2.96		mg/kg		YES		!1						l	<u> </u>	<u>                                     </u>	 l		<u> </u>	1
Barium	86.1		mg/kg		YES		<u> </u>		l	[]			l	<u> </u>	<u> </u>	 l		<u> </u>	1
Cadmium	0.543		mg/kg		YES	U	i1		U	<u> </u>			l	<u> </u>	<u> </u>	 l		<u> </u>	1
Chromium	1.57		mg/kg		YES							<i></i>	[.,	}	<u> </u>	 		1	1
Lead	4.70		mg/kg		YES	J				<u> </u>		J	l	i	1 1	 l		l	1
Selenium	2.06		mg/kg	U	YES								[	<u></u>	11	 <u>[</u> ]		<u> </u>	1
Silver	0.362		mg/kg	J	YES	υ			U				<u> </u>	1	1	 l		1	<u> </u>
Analysis Method : 7471B					Diluti	on: 1										 			
Mercury	0,0195		mg/kg	U	YES		!]		l	l			1		1	 l		l	I
Analysis Method : 8081					Dilutie	on: 1										 			
4,4'-DDD	9.93		ug/Kg	υ	YES		<u>[</u>			<u> </u>			[	<u> </u>	<u>                                     </u>	 l		<u> </u>	<u> </u>
4,4'-DDD	9.93	,	ug/Kg	U	YES				<u> </u>				l		<u>                                      </u>	 		<u> </u>	<u> </u>
4,4'-DDE	9.93		ug/Kg	U	YES		<u> </u>		l	<u> </u>		,	l		<u> </u>	 []		<u> </u>	<u> </u>
4,4'-DDE	9.93		ug/Kg	U	YES		<u>                                      </u>						l		<u> </u>	 <u> </u>		<u> </u>	l
4,4'-DDT	9.93		ug/Kg	U	YEE		<u> </u>					<b></b>	l	1	<u> </u>	 <u> </u>		<u> </u>	<u> </u>
4,4'-DDT	9,93	)	ug/Kg	U	YES					[			<u> </u>		<u> </u>	 <u>   </u>		1	<u>L</u>
Aldrin	9.93		ug/Kg	U	YES								l		][	 			l
Aldrin	9.93		ug/Kg	U	YES									1	<u>                                     </u>	 			<u> </u>
alpha-BHC	9.93		ug/Kg	U	YÉS										1	 			1
alpha-BHC	9,93		ug/Kg	U	YES		]								<u>                                     </u>	 		1	<u> </u>
alpha-Chiordane	9.93		ug/Kg	U	YES		}											1	1
alpha-Chiordane	9.93		ug/Kg	ี ย	YES								ļ	İ.,,,,,,,,				1	<u> </u>
beta-BHC	9,93		ug/Kg	U ;	YES										!	 [		1	<u> </u>
beta-BHC	9.93		ug/Kg	U ¦	YES	:							1		<u> </u>	 1			<u> </u>
Chlordane	33.1		ug/Kg	U	YES											 		l	<u> </u>
Chlordane	33.1		ug/Kg	U	YLU					J								l	<u> </u>
della-BHC	9.93		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 : E11-111-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Sample Date : 07/15/2011 Lab Sample ID: 31101879038

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis		Tune	ıc	icv	CCV CCV
Analysis Method : 8081					Dilutio	on: 1														
delta-BHC	9,93		ug/Kg	U	YES		[J		l	<u> </u>			ļ	<u> </u>			<u> </u>		l	<u> </u>
Dieldrin	9.93		ug/Kg	U	YES		j		[	[	l	<i></i>	l	l	<u> </u>		ļ,,		l	l
Dieldrin	9.93	;	ug/Kg	U	YES				l				1		]		]		J	l
Endosulfan I	9.93		ug/Kg	U	YES		<u> </u>		<u> </u>	<u> </u>					<u> </u>		<u> </u>		<u> </u>	L
Endosulfan ł	9.93		ug/Kg	U	YES		1			<u> </u>			l						<u> </u>	<u> </u>
Endosulfan II	9.93		ug/Kg	U	YES		11			<u> </u>			[				lj			<u> </u>
Endosulfan II	9.93		ug/Kg	U	YES		1						<u> </u>	Ĺ			<u> </u>		<u> </u>	l
Endosulfan sulfate	9.93		ug/Kg	υ	YES		1						<u> </u>				<u> </u>		<u> </u>	l
Endosulfan sulfate	9.93		ug/Kg	บ	YES		1		l						<u>                                     </u>		<u> </u>		1	l
Endrin	9.93		ug/Kg	U	YES		1						<u> </u>	<u> </u>	<u>                                     </u>				1	<u> </u>
Endrin	9.93		ug/Kg	U	YES								<u> </u>	l	<u>                                     </u>		<u> </u>		<u> </u>	l
Endrin aldehyde	9.93		ug/Kg	υ	YES		l		L						<u>                                      </u>		<u> </u>		l	l
Endrin aldehyde	9.93		ug/Kg	υ	YES				<u> </u>						<u> </u>					<u></u>
Endrin kelone	9.93		ug/Kg	υ	YES		1			<u>.</u>			<u> </u>		<u> </u>					l
Endrin ketone	9.93		ug/Kg	ีย	YES				<u> </u>				<u>                                     </u>		<u> </u>		<u> </u>			1
gamma-BHC (Lindane)	9.93		ug/Kg	U	YES		I												ļ !	ł
gamma-BHC (Lindane)	9,93		ug/Kg	U	YES												<u> </u>			ļ
gamma-Chlordane	9.93		ug/Kg	U	YES		l			j	<u> </u>						<u> </u>		l	1
gamma-Chlordane	9.93		ug/Kg	U	YES				1								1		<u> </u>	į
Heptachlor	9.93		ug/Kg	U	YES				1				l		<u> </u>		]		<u> </u>	!
Heptachlor	9.93		ug/Kg	Ų	YES						1		<u> </u>							!
Heplachlor epoxide	9,93		ug/Kg	U	YES			J		1					1				l	!
Heptachlor epoxide	9,93		ug/Kg	Ü	YES				-	1						1	;			I
Methoxychlor	9.93		ug/Kg	บ	YES					Ì										!
Methoxychlor	9.93		ид/Кд	U	YES					}			[]		<u> </u>	,	.,			!
Toxaphene	33.1		ug/Kg	U	YES		I	}			i		[		l					!

Project Number and Name:

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

Client Sample ID : E11-111-S1

Lab Report Batch: 31101879

Sample Date: 07/15/2011

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Lab Sample ID: 31101879038

Reviewed By / Date :							App	rovec	By /	Date :	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	icv	CCA CA1
Analysis Method : 8081					Ditu	tion: 1											A			
Toxaphene	33.1		ug/Kg	U	YES	3 ;		l	l		1	<u> </u>	<u> </u>		l		1	Í	<u> </u>	<u> </u>
Analysis Method : 8151				,	Dilu	tion: 1														
2,4,5-T	0.0162		mg/kg	U	YES				<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	<u> </u>		ļ	ļ.,	<u> </u>	1
2,4,5-TP (Silvex)	0.0162		mg/kg	U	YES				<u> </u>	<u> </u>	]		J	J	]]		<u> </u>	l	J	1
2,4'-D	0.0162		mg/kg	U	YES			i	ł	J	j		1					<u> </u>	1	I
2,4-DB	0.0162		mg/kg	V	YES	1			1	1	İ	l	1	1	1			l	<u> </u>	ļ
Dicamba	0.0162		mg/kg	U	YES	1			1	1	]		<u> </u>	ł	ļ.,,i		[]	<u> </u>	1	1
Analysis Method : 8260B		************			Dilu	lion: 1														
1,1,1,2-Telrachioroethane	4.35		ug/Kg	U	YES					<u> </u>	]	<u> </u>	1	Í	1			l	1	<u> </u>
1,1,1-Trichloroelhane	4.35		ug/Kg	Ų	YES				1		1	i	1	l	1		1	<u> </u>		1
1,1,2,2-Tetrachloroethane	4.35		ug/Kg	U	YES		[				[	1					1	İ	<u> </u>	[
1,1,2-Trichloroethane	4.35		ug/Kg	ប	YES		]					1		!			[]			1
1,1-Dichloroethane	4.35		ug/Kg	U	YES		1				Ι	l	1	į	[ ]				1	1
1,1-Dichloroelhene	4.35		ug/Kg	U	YES	:	1					İ		1	l i		[		1	1
1,1-Dichloropropene	4,35		ug/Kg	U	YEε		ĺ						1		1 (				1	İ
1,2,3-Trichlorobenzene	4.35		ug/Kg	U	YES					1	]				1 1	-,			1	]
1,2,3-Trichloropropane	4.35		ug/Kg	U	YES					1	1	i							l	1
1,2,4-Trichlorobenzene	4.35		ug/Kg	U	YES		]			1	l	1							1	
1,2,4-Trimethylbenzeno	4.35		ug/Kg	U	YES							]			l					
1,2-Dibromo-3-chloropropane	26.1		ug/Kg	U	YES					l		}								
1,2-Dibromoethane	4.35		ug/Kg	U	YES	1	1													
1.2-Dichlorobenzene	4.35		ид/Кф	U	YES		1												]	1
1,2-Dichloroelhane	4.35		ug/Kg	U	YES							, 			[ ]					1
1,2-Dichloropropane	4.35		ug/Kg	ឞ	YES										{					l
1,3,5-Trimethylbenzene	4.35		ug/Kg	U	YES	}	······						i						1	
1,3-Dichlorobenzene	4.35	İ	ug/Kg	Ü	YLU		i	i		l	{	1	1		İ				ì	
1,3-Dichloropropane	4.35	:	ug/Kg	U	YES	†	'				:		ì I		İ		i			

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Client Sample ID : E11-111-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Sample Date: 07/15/2011 Lab Sample ID: 31101879038

Reviewed By / Date :							~PP	. 5466	. <i></i>	Date :	·									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Тетр	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV CCV
Analysis Method : 8260B					Dilutio	on:1														
1,4-Dichlorobenzene	4.35		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>		1	<u> </u>	<u> </u>		l		l	.1
2,2-Dichloropropane	4.35		ug/Kg	U	YES				<u> </u>	<u> </u>		1	1	J	<u> </u>		l	l	J	.]
2-Butanone	21.8		ug/Kg	Ų	YES				1	1	<u> </u>			<u> </u>			l		<u> </u>	
2-Chlorotoluene	4,35		ug/Kg	υ	YES					J	1	l	<u> </u>	<u> </u>			<u> </u>		<u> </u>	
2-Hexanone	10.9		ug/Kg	ប	YES					J		<u> </u>		l			<u> </u>		<u> </u>	
4-Chiorotoluene	4.35		ug/Kg	υ	YES				1	1	1	<u> </u>		<u> </u>	1		<u> </u>		ļ	
4-Isopropylloluene	4.35		ug/Kg	ប	YES				1		]	l	<u> </u>		1		<u> </u>		<u> </u>	
4-Methyl-2-pentanone	10.9		ug/Kg	U	YES				1	1	]		1		1		<u> </u>	<u></u>	<u> </u>	
Aceione	43,5		ug/Kg	U	YES				1		]	<u> </u>	1	<u> </u>	1		<u> </u>	l	<u> </u>	1
Benzene	4.35		ug/Kg	U	YES				1				1		1		<u> </u>		<u> </u>	
Bromobenzene	4.35		ug/Kg	U	YES						Ì	ļ	1	!	<u>                                     </u>			<u> </u>	<u> </u>	1
Bromochloromethane	4.35		ug/Kg	υ	YES					1			<u> </u>	<u> </u>	<u> </u>				<u> </u>	1
Bromodichloromethane	4.35		ug/Kg	U	YES				ĺ	<u> </u>	<u> </u>	L	ļ				<u>                                     </u>	<u> </u>	<u> </u>	1
Bromoform	4.35		ug/Kg	Ų	YES					l			ĺ					<u> </u>	<u> </u>	1
Bromomethane	4,35	;	ug/Kg	U	YES				ĺ	<u> </u>	]	<u> </u>			1				<u> </u>	1
Carbon disulfide	4.35	;	ug/Kg	U	YES					J		Ĺ	<u> </u>		<u> </u>				l	1
Carbon tetrachioride	4.35	:	ug/Kg	U	YES						]	l	1						l	1
Chlorobenzene	4.35		ug/Kg	U	YES		· · · · · · i			}	1			1	l	,			f	1
Chloroethane	4.35		ug/Kg	Ų	YES	Ì	1				1	Í	1		1 !		[j		l	1
Chloroform	4.35		ug/Kg	IJ	YES		1	J		1	1	1	1		l		<u>[                                    </u>		<u> </u>	1
Chloromethane	4 35		пр/Кр	U	YES		1			1	1	1			l !		<u> </u>		l	1
cis-1,2-Dichloroethene	4,35		ug/Kg	U	YES		1			1	}	1			l				l	1
cis-1.3-Dichloropropene	4.35		ид/Кд	U	YES	ĺ	1		f	1	L									1
Dibromochloromethane	4.35		ug/Kg	U	YES						- CALAMA		1							ļ
Dibromomethane	4.35		ug/Kg	U	YES					l			[						1	ļ
Dichlorodifluoromethane	4.35		ug/Kg	υ	YES		· · · · · · · · · · · · · · · · · · ·		 	1	 	ļ							1	1

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

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

Client Sample ID : E11-111-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Sample Date : 07/15/2011 Lab Sample ID: 31101879038

Reviewed By / Date:

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA
Analysis Method : 8260B					Diluti	on: 1			**********											***********
Elhyl Benzene	4.35		ug/Kg	Ų	YES	:							1	<u> </u>	1		<u> </u>			1
Hexachlorobutadiene	4.35		ug/Kg	U	YES				1		l		l		l		11		<u> </u>	1
Isopropylbenzene (Cumene)	4.35		ug/Kg	U	YES	Ĺ							<u> </u>		l		<u> </u>		<u> </u>	I
m,p-Xylene	8.71		ug/Kg	U	YES									ļ			1		1	1
Methyl iodide	4.35		ug/Kg	U	YES	:	1							(			l		l	ļ
Methylene chloride	0.862		ug/Kg	J	YES									}	]		1		J	ļ
Naphthalene	4.35		ug/Kg	U	YES										i j		l		1	ĺ
n-Bulyibenzene	4.35		ug/Kg	U	YES										[ ]					<u> </u>
n-Propyibenzene	4.35		ug/Kg	U	YES			,,,,,,,,									]		<u> </u>	
o-Xylene	4.35		ug/Kg	U	YES												1			1
sec-Bulylbenzene	4.35		ug/Kg	υ	YES						.,,,,,,,			}	1				[	l
Styrene	4.35		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.35		ид/Кд	U	YES															ĺ
tert-Butylbenzene	4.35		ug/Kg	U	YES										1		i I		1	1
Tetrachioroethene	4.35		ug/Kg	Ų	YES						}								l	
Toluene	4.35		ug/Kg	Ų	YES															
trans-1,2-Dichloroethene	4.35		ug/Kg	Ų	YES												1			
trans-1,3-Dichloropropene	4.35		ug/Kg	U	YES										}		1			İ
trans-1,4-Dichloro-2-butene	21.8		ug/Kg	U	YES		1	· · · · · · ·												1
Trichtoroethene	4.35		ug/Kg	U	YES		1										i j			1
Trichiorofluoromethane	4 35		ид/Кр	U	YES		1					[				1				
Vinyl chloride	4.35	1	ug/Kg	υ	YES			I									i i			1
Analysis Method : 8270D					Dilutio	on: 1														
1,2,4-Trichlorobenzene	335	:	ug/Kg	U ;	YES					1	1	1					l1		l	
1,2-Dichlorobenzene	335	:	ug/Kg	U	YES		1		Ĭ						1					
1,3-Dichloropenzene	335	:	ug/Kg	Ų	YES		1								]					i
1,4-Dichlorobenzene	335		ug/Kg	U	YES	1	1					1			1 1		1			i

Project Number and Name:

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

Client Sample ID : E11-111-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Sample Date: 07/15/2011 Lab Sample ID: 31101879038

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Quai*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA
Analysis Method : 8270D					Dilutio	on: 1	<u>.</u>													
2,4,5-Trichlorophenol	335	:	ug/Kg	U	YES						<u> </u>		l	<u> </u>	[		l		[	I
2,4,6-Trichlorophenol	335		ug/Kg	ប	YES				l				[	}	<u>                                     </u>		l		<u> </u>	1
2,4-Dichlorophenol	335		ug/Kg	U	YES				<u> </u>	<u> </u>			<u> </u>	ļ	<u> </u>				<u> </u>	1
2,4-Dimethylphenol	335		ug/Kg	U	YES									<u> </u>					1	1
2,4-Dinitrotoluene	335		ug/Kg	U	YES								<u> </u>	<u> </u>	]		[]		<u> </u>	<u> </u>
2,6-Dinifrotoluene	335		ug/Kg	U	YES												l		<u> </u>	1
2-Chloronaphthaiene	335		ug/Kg	υ	YES								1	l					1	
2-Chlorophenol	335		ug/Kg	U	YES					}			l						<u> </u>	<u> </u>
2-Methylnaphthalene	335		ид/Кд	U	YES								l		1				1	1
2-Methylphenol	335		ug/Kg	ឋ	YES								l .	l	1				1	1
2-Nitroaniline	335		ug/Kg	U	YES							:	l	1	1				]	ļ
2-Nitrophenol	335		ug/Kg	U	YES									1			<u> </u>		1	<u> </u>
3 and/or 4-Methylphenol	335		ug/Kg	U	YES												<u> </u>		1	<u> </u>
3-Nitroaniline	335		ug/Kg	U	YES								<u> </u>						1	
4-Bromophenyl phenyl ether	335		ug/Kg	υ	YES		1								1!				<u> </u>	<u> </u>
4-Chioro-3-methylphenol	335		ug/Kg	U	YES		1						1						<u>.</u>	l
4-Chloroaniline	335		ug/Kg	U	YES		1												<u>.</u>	1
4-Chlorophenyl phenyl ether	335		ug/Kg	U	YES		1													İ
4-Nitroaniline	335		ug/Kg	U	YES	3	1										1		ļ	1
4-Nitrophenol	335		ug/Kg	U	YES		[	1												1
Acenaphthene	335		ug/Kg	U	YES			1							1					l
Acenaphihylene	335		ug/Kg	U	YES					j					[ ]					1
Anthracene	335		ug/Kg	υ	YES	i				J					]					
Benzo(a)anthracene	335		ug/Kg	U	YES		1	]							l i					J
Benzo(a)pyrene	335		ug/Kg	U	YES	3	1	1									1			1
Benzo(b)fluoranthene	335		ug/Kg	U	YES	ì	· · · · · · · · · · · · · · · · · · ·	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 : E11-111-S1

Sample Date : 07/15/2011 Lab Sample ID: 31101879038 Lab Report Batch: 31101879 Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	QC.	Tune	IC	ICV	CCV
Analyte Name Analysis Method : 8270D					Dituti	on: 1									1	:				ļ
1.7	335		ug/Kg	U	YES			l	l	l	<u> </u>	l	ļ	ļ	<u>. </u>	<u> </u>	!		! i	i
Benzo(g,h,i)perylene	335		ug/Kg	U	YES			l	ļ		<u> </u>	<u> </u>	ļ	ļ		ļ	ļ	!	! !	1
Senzo(k)fluoranthene	335		ug/Kg	U	YES	:			l		<u> </u>	<u> </u>	l	ļ	.!	ļ. <b></b>		!	<u> </u>	1
3is(2-Chioroelhoxy)methane	335		ug/Kg	U	YES		. ,		1		<u> </u>	1	<u> </u>	<u> </u>		<u> </u>	ļ	ļ	ļ	
3is(2-Chloroethyl)ether	335		ug/Kg	U	YES					1	Í		1	1	.]	ļ			ļ	.1
Bis(2-Chlaroisopropyl)ether	335		ug/Kg	U	YES	:	1	1	1			}	<u> </u>		1		<u> </u>	<u> </u>	ļ	.ļ
Bis(2-Ethylhexyl)phthalate			ug/Kg	 U	YES		: {	i	1		1		1	]	<u>.l</u>	<u> </u>		ļ	<u>ļ</u>	ļ
Butyl benzyl phthalate	335		ug/Kg	ŭ	YES		:	: 	i	i		}	1		.]		<u> </u>	<u>.</u>	1	.ļ
Chrysene	335			<u>ٽ</u>	YES		!	1 [	: 	i İ	1		1	1	1	<u>i</u>	<u> </u>		<u> </u>	ļ
Dibenz(a,h)anthracene	335		ug/Kg	u	YES	->	!	! I	 I	: 					1	<u> </u>	<u> </u>	<u> </u>	<u>]</u>	
Dibenzofuran	335		ug/Kg		YES			!	 1	: I	1	1	 		1	İ.	1	<u> </u>	<u> </u>	1
Diethyl phthalate	335		ug/Kg	U	-\		!	1		! 	1	l	1		1	1	<u> </u>	}	1	1
Dimethyl phthalate	335		ug/Kg	U	YES		ļ	.!		 	:	 	1		1		l		1	1
Di-n-butyl phthalate	335		ug/Kg	U	YES				<u> </u>	۲ ا		 l	i	i			1	Ï	1	.]
Di-n-octyl phthalate	335		ug/Kg	U	YES	_'		<u></u>	ļ	ļ 1					1	1		1	1	.1
Fluoranthene	335		ug/Kg	U	YES		ļ	.ļ	ļ	ļ					<i>:</i>		1			1
Fluorene	335	]	ug/Kg	υ	YES		. !	ļ	ļ	J	. <del></del>	<u>.</u>	1	. 1		1	1	1	1	
Hexachlorobenzene	335		ug/Kg	U	YES			.ļ	ļ	ļ		ļ		. }	·- <del> </del>	. :		Î	1	1
Hexachforobutadiene	335		ug/Kg	บ	YES	J		<u> </u>	ļ	.ļ	.l	ļ					i		1	1
Hexachlorocyclopenladiene	335		ug/Kg	U	YES		.1	.	ļ				. <del> </del>			,! 	1	1	i	1
Hexachloroelhane	335		ид/Кд	U	YES		.]	<u>,l</u>	<u> </u>	ļ	<u>.</u>		.ļ	.‡		.¦	1	 1	÷	
	335		ug/Kg	U	YES				<u> </u>		.)			.ļ			1		·^·····	1
Indeno(1,2,3-cd)pyrono	335	1	ug/Kg	υ	YES	·	1	1	1	J	<u>.)</u>			.1		.ļ			-1	
Isophorone	335		ug/Kg	U	YES		l	1	<u> </u>	<u></u>	1				!					
Naphthalene	335	, I .	ug/Kg	U	ΥĿS		-	1	1	1	1							1	1	
Nitrobenzene	33!		ug/Kg	U	YES	· · · · · · · · · · · · · · · · · · ·		1	ĺ	1						ļ		.ļ		[
n-Nitrasadi n-propylamine	335		ugrkg	U	YES		i	1	1		1	+	-	1		. \$	1	1	.!	

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Client Sample ID : E11-111-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/15/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879038

Reviewed By / Date :

Approved By / Date :

Analyle 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														
Phenanthrene	335		ug/Kg	U	YES	: 1		-	1	I	1				-		<u>                                     </u>			1 1
Phenol	335		ug/Kg	U	YES		1		ĺ	1					1					
Pyrene	335		ug/Kg	U	YES	1			[	1				ļ	l i		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 : E11-112-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011

Lab Sample ID: 31101879008

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date:

#### Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quaf*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCA
Analysis Method : 60100	3				Dilutio	n: 1	••••••									 			
Arsenic	1.98		mg/kg		YES	J				1		J	l		1				
Barium	98.3		mg/kg		YES	J				l		J	l	i		 		1	1
Cadmium	0,515		mg/kg		YES	רח			U			J		í		 		1	1
Chromium	1.44		mg/kg		YES	U			U		{		1			 		]	
Lead	6.12		mg/kg		YES	J			l		}	J	[		l i	 		]	1
Selenium	1.91		mg/kg	U	YES :				l	1	į	(	1		[	 		1	1
Silver	0,328		mg/kg	J	YES	U			บ				1			 			1
Analysis Method : 7471B	3				Dilutio	n: 1										 			
Mercury	0.0210		mg/kg	υ	YES				l	<u> </u>	J	l	l		1	 <u> </u>			
Analysis Method : 8081					Dilutio	n:1										 			
4,4'-DDD	9.85		ug/Kg	U	YES	.,	<u>l</u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u>                                     </u>	 <u> </u>		<u></u>	.l
4,4'-DDD	9.85		ug/Kg	U	YES				l	<u> </u>	<u> </u>	<u> </u>			1 1	 		<u>!</u>	<u></u>
4,4'-DDE	9.85		ug/Kg	Ų	YES	!			l	<u> </u>	<u> </u>				l	 		<u> </u>	<u>J</u>
4,4'-DDE	9.85	<u> </u>	ug/Kg	U	YES	1	1			<u> </u>	<u> </u>	l			<u>                                     </u>	 <u> </u>		[	<u>.</u>
4,4°-DÜT	1.76		ug/Kg	JΡ	YES	U	1		U				<u> </u>		<b>I</b>	 <u> </u>		<u> </u>	<u>.l</u>
4,4'-DDT	1.76		ug/Kg	JP :	YES	U	!		U	l					<u> </u>				1
Aldrin	9.85	<u></u>	ид/Кд	υ	YES							<i>.</i>	[ <u>.</u>		ļ	 		l	1
Aldrin	9.85		ug/Kg	U	YES ;					l			<u> </u>		ll	 <u> </u>		l	<u>!</u>
alpha-BHC	9.85		ug/Kg	U	YE3 :								<u>[j</u>		ll	 		<u> </u>	<u>.</u>
alpha-BHC	9.85	,.,, <u>,</u>	ug/Kg	ย	YES :								<u>[</u> ]		<b>.</b>	 		l	1
alpha-Chlordane	9.85		ug/Kg	. u	YES								]		l	 		<u> </u>	<u>l</u>
alpha-Chlordane	9.85	<u></u>	ug/Kg	V	YES								l		l	 			l
beta-BHC	9.85		ug/Kg	U	YES		, <u>.</u> .			l			l	<i>.</i>	li	 			l
beta-BHC	9.85		ug/Kg	U	YES		<u>.</u> !			l			l			 			<u> </u>
Chlordane	32.8		ug/Kg	U	YES	<u>Í</u>		1					1		<u>                                     </u>	 		l	<u>I</u>
Chlordané	32.8	i	ugrkg	U ;	YES		1	1							l	 			<u> </u>
delta-BHC	9.85	1	ug/Kg	U	YES	Ī	1	ĺ		. 1			1			į		1	

Project Number and Name:

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

Client Sample ID: E11-112-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Sample Date: 07/14/2011 Lab Sample ID: 31101879008

Reviewed By / Date :							App	roved	By /	Date	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overa# Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV CCV
Analysis Method : 8081					Diluti	on:1	.,,,,	.,	*************					,		r.n.n. = 1 . m = A . = n		*********		,
della-BHC	9.85	,	ug/Kg	U	YES						T	į	1	1					1	}
Dieldrin	9.85	:	ug/Kg	Ų	YES	:			1		1			1			1	{	1	
Dieldrin	9.85		ug/Kg	Ü	YES	;	1			1	1			[			1	1	1	1
Endosulfan i	9.85		ug/Kg	U	YES	: 1					1				1		[	i		1
Endosulfan i	9.85		ug/Kg	Ų	YES	: 1					ì									1
Endosulfan II	9.85		ug/Kg	U	YES															
Endosulfan II	9.85		ug/Kg	U	YES		1													l
Endosulfan sulfate	9.85		ug/Kg	U	YES	1	1					1	1		[				1	1
Endosulian sulfate	9.85		ug/Kg	U	YES		1						ĺ						1	
Endrin	9.85		ug/Kg	υ	YES		1			l	1		İ							1
Endrin	9.85		ug/Kg	υ	YES		1					]	[						1	1
Endrin aldehyde	9.85		ug/Kg	U	YES	}	1													1
Endrin aldehyde	9.85		ug/Kg	U	YES	1	····						1						1	
Endrin ketone	9.85		ug/Kg	U	YES						1						l (			1
Endrin kelone	9,85		ug/Kg	U	YES		<u>-</u>													
gamma-BHC (Lindane)	9.85		ug/Kg	υ	YES		]			1					į					1
gamma-BHC (Lindane)	9.85		ug/Kg	U	YES	1	1	1		1										
gamma-Chiordane	9.85	:	ug/Kg	U	YES		ı				]									
gamma-Chlordane	9.85	;	ug/Kg	υ	YES		1			1			)				}			
Heptachlor	9.85	:	ug/Kg	U	YES		1			ĺ	}						}			
Haptachlor	0.86		ug/Kg	U	YES		1	1									[			1
Heptachlor epoxide	9,85		ug/Kg	υ	YES	į	1	1		[					1					l
Hentachior epoxide	9.85	i	па/Ка	U.	YES			J									J			l
Methoxychlor	9.85		ug/Kg	U	YES						1		]							
Methoxychlor	9.85		ug/Kg	U	YES		1	Ī					1				1			
Toxaphene	32.8		ug/Kg	u !	YES	j.	- 1	1		l	i i				1	-	1			1

Project Number and Name: 11-032E - 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: E11-112-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Sample Date : 07/14/2011 Lab Sample ID: 31101879008

Reviewed By / Date :

#### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Quali	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV CCV
Analysis Method : 8081					Dilutio	on: 1						,,								
Toxaphene	32.8		ug/Kg	U	YES				1		1	Ī		]	1		1		<u> </u>	<u> </u>
Analysis Method : 8151					Dilutio	on: 1														
2,4,5-T	0.0164		mg/kg	υ	YES		iI		1			[	1	<u> </u>	J	.,			<u> </u>	<u> </u>
2,4,5-↑	0.0164		mg/kg	U	YES		i i				j .	Ĺ	1	<u>;</u>	1		1		<u> </u>	l
2,4,5-TP (Silvex)	0.0164		mg/kg	Ų	YES	ΠJ	1 1		1		UJ	1	1	1	1		1		<u> </u>	l
2,4,5-TP (Silvex)	0.0164		mg/kg	Ų	YES	ŊĴ			l		UJ	1	1	<b>{</b>	11		[]		<u> </u>	l
2,4'-D	0.0164		mg/kg	บ	YES	ŊĴ	į				UJ	i	1	]	J		[ ]		<u> </u>	<u> </u>
2,4'-D	0.0164		mg/kg	U	YES	บม	1				เกา		1	ļ	1		[]		1	1
2,4-DB	0.0164		mg/kg	U	YES						1		l	)	1					1
2,4-DB	0.0164		mg/kg	U	YES						1		l						1	ļ
Dicamba	0.0164		mg/kg	U	YES								l				1		1	1
Dicamba	0.0164		mg/kg	ย	YES		, ,		]						1				ŀ	1
Analysis Method: 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.38		ug/Kg	U	YES		I			Ī		1	1	1	<u>                                     </u>		<u>                                     </u>		1	<u> </u>
1,1,1-Tinchloroethane	4.38		ug/Kg	U	YES				ĺ	l	1	<u> </u>	1	]	<u> </u>		[		<u> </u>	l
1,1,2,2-Tetrachloroelhane	4.38		ug/Kg	U	YES		1				1	}	1	{	l		<u> </u>		1	<u> </u>
1,1,2-Trichloroethane	4.38		ug/Kg	U	YES						-		l	Ì					1	<u> </u>
1,1-Dichloroelhane	4,38		ug/Kg	U	YES	UJ	1			UJ	}			İ			[]		<u> </u>	
1,1-Dichloroethene	4.38		ug/Kg	U	YES										1 1		I1		<u> </u>	<u> </u>
1,1-Dichloropropene	4.38	;	ug/Kg	U	YES										1 1		<u> </u>		<u> </u>	1
1,2,3-Trichlorobenzene	4.38		ug/Kg	Ų	YES										1		1		]	l
1,2,3-Trichloropropane	4.38	;	ug/Kg	U	YES										1					1
1,2,4-Trichlorobenzene	4.38	;	ug/Kg	U	YES										] }					1
1,2,4-Trimethylbenzene	4.38	;	ug/Kg	U	YES		1						1	1	}				1	<u> </u>
1.2-Dibromo-3-chloropropane	26.3	:	ug/Kg	U ;	YES						 		1		l i				[	l
1,2-Dibromoethane	4.38		ug/Kg	U	YES						i		l	(	l		1			1
1,2-Dichlorobenzene	4.38		ug/Kg	U	YES		1							,						l

Project Number and Name:

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

Client Sample ID : E11-112-S1 Sample Date : 07/14/2011 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Lab Sample ID: 31101879008

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	ίC	ICV	CCV CCV
Analysis Method : 8260B					Dilutio	on: 1										 			
1,2-Dichloroethane	4.38		ug/Kg	Ų	YES		1		1		]	<u> </u>	Į		[]	 l		<u> </u>	1
1,2-Dichloropropane	4.38	;	ug/Kg	V	YES				1			<u> </u>	1	1	<u> </u>	 []		l	1
1,3,5-Trimethylbenzene	4.38		ид/Кд	υ	YES				1				l		]	 1		l	1
1,3-Dichlorobenzene	4.38		ug/Kg	υ	YES				]						<u>                                     </u>	 <u> </u>		l	1
1,3-Dichloropropane	4.38		ug/Kg	U	YES				1	1			<u> </u>		1	 <u> </u>		l	1
1,4-Dichlorobenzene	4.38		ug/Kg	U	YES				l	l					1	 1	,,	l	<u> </u>
2,2-Dichloropropane	4.38		ug/Kg	U	YES										<u>                                     </u>	 		l	
2-Bulanone	21.9		ug/Kg	U	YES				l	l					<u>                                     </u>	 1		l	
2-Chlorotoluene	4.38	,	ug/Kg	U	YES				ļ						l	 		<u> </u>	
2-Hexanone	10.9		ug/Kg	U	YES					ĺ				İ	1	 1			
4-Chlorololuene	4.38		ug/Kg	U	YES								1	!		 l			<u> </u>
4-Isopropyltoluene	4.38		ug/Kg	U	YES								<u> </u>		<u> </u>	 <u> </u>		<i></i>	<u> </u>
4-Methyl-2-pentanone	10.9	;	ug/Kg	U	YES										<u>                                     </u>	 <u> </u>			<u> </u>
Acetone	9.11		па/Ка	J	YES								<u> </u>		<u>                                     </u>	 li	]	<b>.</b>	<u> </u>
Benzene	4.38	i	ug/Kg	U	YES	ļ			1							 1			<u> </u>
Bromobenzene	4.38		มg/Kg	U	YES								l		<u>                                     </u>	 l!			
Bromochloromelhane	4.38		ug/Kg	U	YES								]	i	J J	 <b>.</b>			1
Bromodichloromethane	4.38		ug/Kg	U	YES					İ					1	 1			l
Bromoform	4.38		ug/Kg	U	YES														1
Bromomethane	4,38		ug/Kg	υ	YES	1										 1			l
Carbon disulfide	4.38		ng/Kg	11	YFS	ì	1										i		l
Carbon tetrachloride	4.38		ug/Kg	U	YES	1											J		
Chlorobenzene	4,38		ug/Kg	υĖ	YES		1												l
Chloroethane	4.38		ug/Kg	U	YES [	i	ŀ												1
Chloroform	4.38		ug/Kg	U	YES	1	1						1				]		1
Chloromethane	4.38		ug/Kg	υ	YES	1	1		i		1		1						

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

Client Sample ID : E11-112-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Sample Date : 07/14/2011 Lab Sample ID: 31101879008

Reviewed By / Date:

#### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overali Qual*	f Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis	Tune	IC	ICV	CCA
Analysis Method : 8260B					Dilutio	on: 1													
cis-1,2-Dichloroethene	4.38		ug/Kg	U	YES				1		1	i	1	<u> </u>	1	 <u> </u>		<u> </u>	<u> </u>
cis-1,3-Dichloropropene	4.38		ug/Kg	U	YES		1		1		i			l	<u>[</u>	 		<u> </u>	<u> </u>
Dibromochloromethane	4.38		ug/Kg	Ų	YES		1				İ	i	1		<u> </u>	 l	.,	<u> </u>	1
Dibromomelhane	4,38		ug/Kg	U	YES		1 1					l				 		<u> </u>	<u> </u>
Dichlorodifluoromethane	4.38		ug/Kg	U	YES		į l				i					 l i		l	
Ethyl Benzene	4.38		ид/Кд	U	YES		1				İ	l	1					1	l
Hexachtorobutadiene	4.38		ug/Kg	U	YES							1						1	<u> </u>
Isopropylbenzene (Cumene)	4.38		ug/Kg	V	YES							1	1					1	1
m,p-Xylene	8.75		ug/Kg	U	YES							1							<u> </u>
Methyl iodide	4.38		ug/Kg	υ	YES						1	}			1 1				
Methylene chloride	17.5		ид/Ко	U	YES		1				{		1		1 (	 			Í
Naphthalene	4.38		ug/Kg	U	YES		1									 [			
n-Bulylbenzene	4.38		ug/Kg	U	YES							ļ							1
n-Propylbenzene	4.38		ug/Kg	U	YES								1	1	[				1
o-Xvlene	4.38		ug/Kg	υ	YES		1 1						l		{	 1			
sec-Butylbenzene	4.38		ug/Kg	υ	YES		1								1				l
Styrene	4.38		ид/Ко	U	YES		]								1			l	1
tert-Butyl methyl ether (MTBE)	4.38		ug/Kg	U	YES		f								1				
tert-Butyibenzene	4.38		ug/Ky	Ų	YES											- 1			1
Telrachloroethene	4.38		ug/Kg	Ų	YES										I	}			1
Toluana	165		нд/Кд	J	YFS		I I					]			1				1
trans-1,2-Dichtoroethene	4.38	:	ug/Kg	υ	YES	IJ				UJ									
trans-1.3-Dichloropropene	4.38	:	ug/Kg	U	YES		1			3									l
trans-1,4-Dichloro-2-butene	21.9	:	ид/Кд	U	YES		i								[ [	 			
Trichloroethene	4.38		ug/Kg	U	YES			i	i i										1
Trichlorofluoromethane	4.38		ug/Kg	U	YES		i i								}				1

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

Client Sample ID: E11-112-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date : 07/14/2011 Lab Sample ID: 31101879008 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	l.ab Qual	Rep Res	Overali Qual*		НT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	fC	ICV	CCV
Analysis Method : 8260B					Diluti	on: 1														
Vinyl chloride	4.38		ug/Kg	U	YES	i	l			J	1	1	1	1			ļ j		]	1
Analysis Method : 8270D					Difuti	on: 1														
1,2,4-Trichlorobenzene	326		ug/Kg	U	YES						1		<u> </u>		<u> </u>				<u> </u>	1
1,2-Dichlorobenzene	326		ug/Kg	U	YES				l			1	[	<u> </u>	1		<b>.</b>		<u> </u>	ļ
1,3-Dichlorobenzene	326		ug/Kg	U	YES				l	l	<u>.</u>	l	1	<u> </u>	l		[]		]	
1,4-Dichlorobenzene	326		ug/Kg	U	YES							l			1					
2,4,5-Trichiorophenol	326		ug/Kg	U	YES	;							1	1	1					
2,4,6-Trichlorophenol	326		ид/Кд	U	YES							i								
2,4-Dichlorophenol	326	:	ug/Kg	U	YES						ļ	1							1	
2,4-Dimethylphenol	326		ug/Kg	υ	YES				1		i	1	1						j	i
2,4-Dinitrotoluene	326		ug/Kg	U	YES						İ			]						
2,6-Dinitrotoluene	326		ug/Kg	U	YES				1				1		l		ì		[	1
2-Chloronaphihalene	326		ug/Kg	Ų	YES						]		l i		l i	i			1	1
2-Chlorophenol	326		ug/Kg	U	YES						1									
2-Methylnaphthalene	326	i	ug/Kg	U	YES		1										j		1	
2-Methylphenol	326		ug/Kg	U	YES								]				{			}
2-Nitroaniline	326		ug/Kg	υ	YES		Ī													
2-Nitrophenol	326		ид/Кд	ษ	YES		Ī													1
3 and/or 4-Methylphenol	326		ид/Кд	U	YES															i
3-Nitroanilino	326		ug/Kg	V	YES		1				[						1			
4-Bromophenyl phenyl ether	326		ug/Kg	U [	YES		1	]									1			
4-Chloro-3-methylphenol	326		ug/Kg	U	YES		1	1							:	i				[
4-Chtoroaniline	326		ug/Kg	U	YES		1	1		ļ						1				
4-Chlorophenyl phenyl ether	326	:	ug∕Kg	U	YES		]	i												
4-Nitroaniline	326		ug/Kg	U	YES	i	Ì	1	i	i		j	į	į		ĺ		ĺ		Į
4-Nitrophenol	326	·····	ug/Kg	ีย	YES	i	i	 	i	i		i	i	i		· · · · · · i	1			
Acenaphthene	320	·····	ug/i(g		YLU	ا ا										:i				

Project Number and Name:

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

Client Sample ID: E11-112-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Sample Date: 07/14/2011 Lab Sample ID: 31101879008

#### Approved By / Date :

Reviewed By / Date :							App	roved	By /	Date:	:									
Analyle Name	Result	Unicertainty / Error	Result Units	Lab Quai	Rep Res	Overail Qual	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8270D					Diluti	on: 1														
Acenaphthylene	326	:	ug/Kg	ម	YES	:					l	1	1	<u> </u>	1				J	1
Anthracene	326		ug/Kg	U	YES				l	]	l	1	1	<u> </u>	1				<u> </u>	
Benzo(a)anlhracene	326		ug/Kg	U	YES						1	į		1	1					1
Benzo(a)pyrene	326	:	ug/Kg	υ	YES		1					ĺ		•	1					[
Benzo(b)fluoranthene	326	,	ug/Kg	U	YES									f	1					
Benzo(g,h,i)perylene	326		ug/Kg	U	YES		١												1	
Benzo(k)fluoranthene	326		ug/Kg	U	YES															1
Bis(2-Chloroethoxy)methane	326		ug/Kg	Ų	YES			•											1	1
Bis(2-Chloroethyl)ether	326		ug/Kg	U	YES															1
Bis(2-Chloroisopropyl)ether	326	;	ug/Kg	U	YES					[	}	1								1
Bis(2-Ethylhexyl)phthalate	326		ug/Kg	U	YES		1					}		ĺ	1					1
Butyl benzyl phihalate	326		ug/Kg	U	YES					1									1	
Chrysene	326		ug/Kg	U	YES						ļ	1								
Dibenz(a,h)anIhracene	326		ug/Kg	υ	YES		1			1	1		1	1						j.
Dibenzofuran	326		ug/Kg	ย	YES		1			1										Ì
Diethyl phthalate	326		ug/Kg	U	YES		·····													1
Dimethyl phthalate	326		ид/Кд	U	YES		1													1
Di-n-bulyi phthalate	326	;	ug/Kg	Ų	YES	İ									l					1
Di-n-octyl phthalale	326	:	ug/Kg	U	YES	1	1	1												1
Fluoranthene	326	Ī	ug/Kg	U	YES	}	1	1											]	1
Fluorene	326		ug/Kg	U	YES	1	1		,		! ;								1	1
Hexachlorobenzene	326		ug/Kg	U	YES		1				}		]							
Hexachlorobutadiene	326	i	ua/Ka	Ų	YES	i	1												1	
Hexachiorocyclopeniadiene	326		ug/Kg	U	YES		ĺ	j					}	۱						1
Hexachloroethane	326	Î	ug/Kg	U	YES	}	1	1			i I									1
Indeno(1,2,3-cd)pyrene	326		ug/Kg	U	YES		1	1		!		<i></i>	l 1		i I				I	1

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

Client Sample ID : E11-112-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Sample Date : 07/14/2011 Lab Sample ID: 31101879008

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	IC	ICV	CCA
Analysis Method : 8270D					Diluti	on: 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												
Isophorone	326		ug/Kg	υ	YES	:		1						i			1		<u> </u>	
Naphthalene	326		ug/Kg	U	YES	:											l		1	1
Nilrobenzene	326	:	ид/Кд	U	YES			1										1		1
n-Nitrosodi-n-propylamine	326		ug/Kg	U	YES	:		]			1					,		}		1
Pentachlorophenol	326		ug/Kg	Ų	YES			]			-	}			1		[		]	
Phenanthrene	326		ug/Kg	Ų	YES						-	1								1
Phenol	326		ug/Kg	υ	YES					1		}			1				1	
Pyrene	326		ug/Kg	U	YES					l										

Project Number and Name:

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

Client Sample ID: E11-112-S2

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Sample Date : 07/14/2011 Lab Sample ID: 31101879009

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	i Temp	нт	МВ	LCS	MS	Lab Đup	Surr	Rep Limit	Moist Tot/Dis	Tune	íC	ŧCV	CCV CCV
Analysis Method : 6010C					Dilutio	n: 1				***************************************						 ~~AIV*****			
Arsenic	1.34	:	mg/kg		YES	J			l	J		J	1		L!	 		ļ	<u>[</u>
Barium	81.5	:	mg/kg		YES	J				]	i	J	l	}	]			l	<u></u>
Cadmium	0.477	;	mg/kg	J	YES	IJ			υ	1	<u> </u>	3	l		1	 l		l	ł
Chromium	1.99		mg/kg		YES					1	l	[	1		1	 l		1	1
Lead	4.88		mg/kg		YES	J	1			1		J	1		<u>                                     </u>	 <u> </u>		<u> </u>	1
Selenium	2.17		mg/kg	U	YES		1			]					<u>                                     </u>	 		l	1
Silver	0.276		mg/kg	J	YES	U	3		U					f		 ]		l	1
Analysis Method : 7471B					Dilutio	n: 1										 			
Mercury	0.0205	: :	mg/kg	U	YES		w.			l	J	i	1	l	l	 ]		l	1
Analysis Method : 8081					Dilutio	n: 1						4.4.11							
4,4'-DDD	10.1		ид/Кд	U	YES					1	}	l		<u> </u>	1	 <u> </u>		<u> </u>	1
4,4'-ODD	10.1		ug/Kg	U	YES		1 1			<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	 		l	<u> </u>
4,4'-DDE	10.1		ug/Kg	U	YES		3			l			<u> </u>		<u> </u>	 		<u> </u>	1
4,4'-DDE	10.1		ug/Kg	V	YES								ĺ		<u> </u>	 1		l	<u> </u>
4,4'-DDT	1.29		ug/Kg	JР	YES	U			U				<u> </u>		<u> </u>	 		<u> </u>	<u> </u>
4,4'-DDT	1.29		ug/Kg	JР	YES	U			U	ĺ			<u> </u>		<u>                                     </u>	 		<u> </u>	<u> </u>
Aldrin	10.1		ug/Kg	U	YES					l			<u> </u>		<u>                                     </u>			l	<u> </u>
Aldrin	10.1		ug/Kg	U	YES								ĺ			 			1
alpha-BHC	10.1	;	ug/Kg	U	YES								[		[ ]	 			1
alpha-BHC	10.1		ug/Kg	U	YES										1	 			1
alpha-Chlordane	10.1		ug/Kg	U	YES		ł /						Ĭ.		ļ			,	1,
alpha-Chlordane	10.1		ид/Кд	U	YES		1						1						l
bela-BHC	10.1		ug/Kg	U	YES		] ]								{			l	1
beta-BHC	10.1		ug/Kg	U	YES					i			1		1 1				İ
Chlordane	33.5		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·			l			1			 			
Chlordane	33.5		ug/Kg	U	YES.		i I			 		<b>-</b>				 l i		l	l
delta-BHC	10.1	:	ug/Kg	U	YES:					I			1			 i i			

Project Number and Name:

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Library Used:

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

Client Sample ID : E11-112-S2

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date : 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879009

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overati Qual*	Temp	НT	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ıc	icv	CCV CCV
Алаlysis Method : 8081					Dilutio	on: 1						11/			,					
delta-BHC	10,1		ug/Kg	U	YES				1			<u> </u>	1	1	1				1	]
Dieldrin	10,1		ug/Kg	U	YES				1		}	1	<u> </u>	!	1 1				1	1
Dieldrin	10.1		ug/Kg	υ	YES				1	<u> </u>	<u> </u>	1	<u> </u>		1		<u> </u>		1	1
Endosulfan I	10.1		ид/Кд	U	YES					1			l		1				<u> </u>	1
Endosulfan i	10.1		ug/Kg	u	YES				1	<u> </u>		<u> </u>	<u> </u>	<u> </u>	I				<u> </u>	1
Endosulfan il	10.1		ug/Kg	Ų	YES				1				<u> </u>	<u> </u>	1		l		<u> </u>	1
Endosulfan II	10.1		ug/Kg	U	YES				1		<u> </u>	<u> </u>	<u> </u>		1					1
Endosulfan sulfate	10.1		ug/Kg	U	YES						<u> </u>	l	1		1				1	
Endosulfan sulfate	10.1	i	ug/Kg	U	YES					]			1							
Endrin	10.1		ug/Kg	U	YES									<u> </u>			]		1	1
Endrin	10.1		ug/Kg	U	YES							}	1		1				l	1
Endrin aldehyde	10.1		ug/Kg	U	YES									1					1	l
Endrin aldehyde	10.1		ug/Kg	υ	YES					j ;				1	[ ]					1
Endrin kelone	10.1		ug/Kg	ប	YES	-	1			1							į			1
Endrin ketone	10.1		ug/Kg	u	YES		]		l	1							ì			1
gamma-BHC (Lindane)	10.1		ug/Kg	u	YES					1				l					l	1
gamma-BHC (Lindane)	10.1	;	ug/Kg	U	YES										i I					
gamma-Chlordane	10.1		ug/Kg	U	YES		ĺ													
gamma-Chlordane	10.1		ug/Kg	ប	YES		1								1		1			
Heptachlor	10.1		ug/Kg	U	YES	-	1							}	]		1			
Heptachlor	10.1		ug/Kg	U	YES	1	1			1 1							1			1
Heptachlor epoxide	10.1		ug/Kg	U	YES		1					I					1			1
Heptachlor epoxide	10.1		ug/Kg	U	YES															L
Methoxychlor	10.1	į	ug/Kg	1)	YER															1
Methoxychlor	10.1	1	ug/Kg	U	YES		Ï						1			1				
Toyaphana	33.5		ug/Kg	U	YES		1			1	j		}			ı	}		i i	

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

Client Sample ID: E11-112-S2

Sample Date : 07/14/2011 Lab Sample ID: 31101879009 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

		Uncertainty /	Result	Lab	Rep	Overall		······································				Lab		Rep	Mojst	Field				CV/
Analyte Name	Result	Error	Units	Qual	Res		Temp	HT	MB	LCS	MS	Dup	Surr		Tot/Dis		Tune	IC.	ICV	CCV
Analysis Method : 8081					Dilutio	n:1													*******	
Toxaphene	33.5	i	ug/Kg	U	YES		į <b>i</b>		<u> </u>	<u> </u>	<u> </u>	1								1
Analysis Method : 8151					Dilutio	n: 1			***********	,										
2,4,5-T	0.0169		mg/kg	U	YES		J		1	<u> </u>	1	ļ	1		]	l	<u> </u>		<u> </u>	<u> </u>
2,4,5-TP (Silvex)	0.0169		mg/kg	u	YES	IJ			1		UJ	l	l	ĺ	1				1	1
2,4'-D	0.0169		mg/kg	U	YES	UJ	<u> </u>		1	1	IJ	J		l	1				<u> </u>	1
2,4-DB	0.0169		mg/kg	U	YES		1 1		1	1	<u>{</u>	ļ	<u> </u>	l	1		l		<u>.</u>	1
Dicamba	0.0169		mg/kg	U	YES				ļ	1					1				l	l
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroelhane	4.46		ug/Kg	U	YES		<u> </u>			<u> </u>	<u> </u>		[		<u>                                     </u>				<u> </u>	<u> </u>
1,1,1-Trichloroethane	4.46	]	ug/Kg	U	YES		iI		1	<u> </u>		}	1		<u> </u>		<u>                                     </u>		<u> </u>	<u> </u>
1,1,2,2-Tetrachloroethane	4.46		ug/Kg	U	YES		l		L		!	!					<u> </u>		1	ļ
1,1,2-Trichloroethane	4.46		ug/Kg	U	YES				1	1	í				l f		l		l	
1,1-Dichloroethane	4.46		ug/Kg	ប	YES	UJ				UJ	l	ļ	[]		l				1	l
1,1-Dichloroethene	4.46		ug/Kg	Ų	YES							1			1					l
1,1-Dichloropropene	4.46	;	ug/Kg	U	YES		1					l			1		ļ			
1,2,3-Trichlorobenzene	4.46		ug/Kg	V	YES							1			1		1		1	l
1,2,3-Trichloropropane	4.46		ug/Kg	υ	YES							[			1 1					1
1,2,4-Trichlorobenzene	4.46		ug/Kg	U	YES												}			1
1,2,4-Trimethylbenzene	4.46	:	ug/Kg	U	YES							i								i
1,2-Dibromo-3-chloropropane	26.7	;	ид/Кд	U	YES							1								i
1,2-Dibromoethane	4.46	;	ug/Kg	U	YES		1								Ī					j
1,2-Dichlorobenzene	4.48	į	ug/Kg	υ	YES			.,,					ì		]		ļ			
1,2-Dichlorcethane	4,46		ug/Kg	U ;	YES :															
1,2 Dichloropropane	4.46	;	иджд	ш	YES	1				l			l i	į						1
1,3,5-Trimethylbenzene	4,46	:	ug/Kg	U	YES :	1	Ī								İ		ĺ			 
1,3-Dichlorobenzeno	4.46		ug/Kg	U	YES															
1,3-Dichleropropane	4.46		ug/Kg	U	YES		1										1			

Project Number and Name: ADR 8.2 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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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 : E11-112-S2 Sample Date: 07/14/2011

Lab Sample ID: 31101879009

Lab Report Batch: 31101879

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	Overatt Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	íCV	CC
Analysis Method : 8260B					Diluti	on: 1														
1.4-Dichlorobenzene	4.46	:	ug/Kg	U	YES	İ	<u> </u>								<u> </u>				<u> </u>	ļ
2,2-Dichloropropane	4,46		ug/Kg	Ü	YES				l	<u> </u>			l		ļļ				ļ	
2-Butanone	22.3		ug/Kg	U	YES	<u> </u>			<u> </u>	<u> </u>			l		ļ					ļ
2-Chlorotoluene	4.46		ug/Kg	U	YES				<u> </u>				l	ļ	ļļ		ļ			ļ
2-Hexanone	11.1		ug/Kg	U	YES				<u> </u>	l			l	<u> </u>	<u> </u>		ļ			.ļ
4-Chlorotoluene	4,46		ug/Kg	Ų	YES				l				<u> </u>	ļ	1		ļ			.ļ
4-Isopropylloluene	4.46		ug/Kg	U	YES				1		l		l	<u> </u>	<u> </u>		ļ <u>l</u>			
4-Methyl-2-pentanone	11.1		ug/Kg	U	YES					<u> </u>	<u> </u>	İ	l	1	<u> </u>				ļ	. [
Acetone	8.16		ug/Kg	J	YES					<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>		ļJ		ļ	ļ
Benzene	4.46	······	ug/Kg	U	YES			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	<u> </u>	<u> </u>	<u> </u>	1	<u></u>	<u> </u>		<u> </u>		ļ	. <u> </u>
Bromobenzene	4.46	<del></del>	ug/Kg	U	YES				1	1	]	<u> </u>	1	<u> </u>	1		[]		ļ	
Bromochloromelhane	4.46	.,	ug/Kg	υ	YES					1	]	<u> </u>	1	<u> </u>	1	,	[]		ļ	
Bromodichloromethane	4.46		ug/Kg	U	YES				1	1	]	<u> </u>	<u> </u>	<u> </u>	1		<u>[]</u>		J,	
Bromoform	4.46		ug/Kg	U	YES	}				l	1		ļ	<u> </u>	1		[]		J	.l
Bromomethane	4.46		ug/Kg	U	YES		1		1	1		à.	<u> </u>	<u> </u>	<u>                                     </u>		<u> </u>		<u>]</u> .	<u>.l</u>
Carbon disulfide	4,46		ug/Kg	ປ	YES					[		İ	<u> </u>	<u>L.</u>	<u> </u>		l		<u> </u>	ļ
Carbon tetrachloride	4.46		ug/Kg	U	YES						1	l	1	<u> </u>	1		]		<u> </u>	
Chlorobenzene	4.46		ug/Kg	U	YES					ĺ	1	İ	l	<u> </u>	1				<u> </u>	.
	4,46		ug/Kg	U	YES	1	i		. <i>,,</i>	1			l		1		1	. <u></u> .	1	.
Chloroethane	4.46		ug/Kg	υ	YES				1	1	1			}					J	1
Chloroform	1.16		ug/Kg	·····	YES	† <i>-</i>	i 		1			}		}			1		<u> </u>	1
Chloromelliane	4,46		ug/Kg	U	YES	:	i	1	1				1	1	1		1		1	.1
cis-1,2-Dichloroethene	4.46		ug/Kg	ī	YES		! 			1			1	1	1				<u> </u>	.]
cis 1.3 Diohioropropene	4,46	ļ	ug/Kg	U	YES	·•••••		l 	İ	İ			1		1				1	1
Dibromochloromethane	4,46		ug/Kg	U	YES		!	? I		 I		i	i	1	1				J	1
Dibromomethanc	4,46		ug/Kg	<u>.</u>	YES			<u>.</u>	<u>.</u>	A	i.		ŀ	}	1	i	1		1	1

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

Library Used:

CampCarroll

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Report Date: 9/6/2011 08:22 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 : E11-112-S2

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Sample Date: 07/14/2011 Lab Sample ID: 31101879009

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/DIs	Field QC	Tune	tC	icv	CCV
Analysis Method : 8260B					Diluti	on: 1									• · · · · · · · · · · · · · · · · · · ·					
Ethyl Benzene	4,46		ug/Kg	U	YES					ı				1				]		
Hexachlorobuladiene	4.46		ug/Kg	U	YES					1										1
Isopropylbenzene (Cumene)	4.46		ug/Kg	Ų	YES					!				}					l	l
m,p-Xylene	8.91		ug/Kg	U	YES		1											i	]	1
Methyl iodide	4.46		ug/Kg	U	YES		1			l									]	1
Methylene chloride	1.98		ug/Kg	J	YES	U			U											l .
Naphihalene	4.46		ug/Kg	U	YES	. 1	1													l
n-Bulylbenzene	4.46		ug/Kg	U	YES	1								l						l
n-Propylbenzene	4.46		ug/Kg	Ų	YES	1							-		1		]			
o-Xylene	4.46		ug/Kg	U	YES	i				1				1	1				1	[
sec-Butylbenzene	4.46		ug/Kg	υ	YES						]		1	1					1	
Styrene	4.46		ug/Kg	U	YES		1	]					1						]	<u> </u>
tert-Bulyl methyl elher (MTBE)	4.46		ug/Kg	U	YES	1	I						1						]	İ
tert-Bulyibenzene	4.46		ug/Kg	U	YES	}	l						1		<u> </u>				1	
Tetrachloroelhene	4,46	i	ug/Ky	υ	YES								1		1		<u> </u>		<u> </u>	<u> </u>
Toluene	4.49		ug/Kg		YES	1	1								ļ				Ĭ	
trans-1,2-Dichloroethene	4.46	;	ug/Kg	ឋ	YES	Ųυ	1			l nn							l		1	<u> </u>
trans-1,3-Dichloropropene	4,46	;	ug/Kg	U	YES		1			[]			[	}	]	,,			1	<u> </u>
Irans-1,4-Dichtoro-2-butene	22.3		ug/Kg	U	YES		1						l	1	[				<u> </u>	
Trichloroelhene	4.46		ug/Kg	U	YES	1	1						ĺ	}	l		į		J	
Trichlorofluoromethane	4,46		uq/Kq	Ų	YES	1		]					İ		i				l	İ
Vinyt chloride	4.46		ug/Kg	Ų	YES	}							l							İ
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	336	, , ,	ug/Kg	U	YES								[		<u> </u>				<u> </u>	
1,2-Dichlorobenzene	336		ug/Kg	U	YES		1			L									1	
1,3-Dichlorobenzene	330	į	ug/Kg	U	YES		1	1			İ									
1,4-Dichlorobenzene	336		ug/Kg	υ	YES		Ī	1			i				1	-			1	}

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

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Report Date: 9/6/2011 08:22 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 : E11-112-S2

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879009 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*		HT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Типе	ıc	ICV	CCV
Analysis Method : 8270D					Dilutio	on: 1														
2,4,5-Trichlorophenol	336		ug/Kg	U	YES	į				1	awa.		[						1	1
2,4,6-Trichtorophenol	336		ид/Кд	U	YES	;				l										
2,4-Dichlorophenol	336		ug/Kg	U	YES	:							(						1	1
2,4-Dimethylphenol	336		ug/Kg	U	YES					l			l	-					1	1
2,4-Dinitrotoluene	336		ug/Kg	บ	YES														l	1
2,6-Dinitrotoluene	336		ug/Kg	U	YES		[												l	1
2-Chloronaphthalene	336		ug/Kg	U	YES														l	1
2-Chlorophenol	336		ug/Kg	U	YES															1
2-Methylnaphthalene	336		ug/Kg	U	YES															1
2-Methylphenol	336		ug/Kg	U	YES		i							{	l i					
2-Nitroaniline	336		ug/Kg	U	YES									ļ						
2-Nilrophenol	336		ug/Kg	υ	YES															1
3 and/or 4-Methylphenol	336		ug/Kg	υ	YES		-	1												l
3-Nitroaniline	336		ug/Kg	U	YES		1	1							]				l	1
4-Bromophenyl phenyl ether	336		ug/Kg	U	YES		ı	1							]		l i			1
4-Chloro-3-methylphenol	336		ug/Kg	U	YES		1	1							ĺ					
4-Chloroaniline	336		ug/Kg	U	YES			1				١								
4-Chlorophenyl phenyl elher	336	i	ug/Kg	υ	YES			1				l								[
4-Nilroaniline	336	ì	ug/Kg	U	YES	ļ	1	1									1			
4-Nitrophenol	336	i	ug/Kg	U	YES		1				i				1					1
Acenaphthene	336	į	ug/Kg	U	YES :	Į	I		}			1	-				1			l
Acenaphthylene	336	}	ug/Kg	U	YES :	,	ı	1	-		ì	1					ſ			i
Anthracene	336		ug/Kg	U	YES	1	1		]											ļ
Bonzo(a)anthracene	338	1	00/Kg	18	YES		1	1				1								
Benzo(a)pyrene	336	1	ug/Kg	U ;	YES		1	1	· · · · · ·							l	1			
Renzo(b)thoraothaoa	336		ир/Ка	U	YES	1	1	1		1	1	1					1			1

Project Number and Name

Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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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 : E11-112-S2

Sample Date: 07/14/2011 Lab Sample ID: 31101879009 Lab Report Batch: 31101879

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*		нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCA CA1
Analysis Method : 8270D					Diluti	on: 1		·/···												
Benzo(g,h,i)perylens	336		ug/Kg	U	YES			l	1	1	1	L	[		1				<u> </u>	<u> </u>
Benzo(k)fluoranthene	336	]	ug/Kg	U	YES					ļ.,,,	<u> </u>		<u> </u>		<u>                                     </u>		<u> </u>		<u> </u>	<u> </u>
Bis(2-Chloroethoxy)methane	336		ug/Kg	U	YES	(				l	<u> </u>	l	1				<u>                                     </u>			<u> </u>
Bis(2-Chloroethyl)ether	336		ug/Kg	U	YES					[	l		<u> </u>	<u> </u>	<u>                                     </u>				<u> </u>	<u> </u>
Bis(2-Chloroisopropyl)ether	336		ug/Kg	U	YES							l	l		<u>                                      </u>		1 1		<u> </u>	<u> </u>
Bis(2-Ethylhexyl)phthalate	336		ug/Kg	U	YES		1		l				l		<u> </u>				1	<u> </u>
Butyl benzyl phthalale	336		ug/Kg	U	YES		I		l				<u> </u>		]				<u> </u>	<u> </u>
Chrysene	336		ug/Kg	U	YES								<u> </u>		1				<u> </u>	<u> </u>
Dibenz(a,h)anthracene	336		ug/Kg	Ų	YES					1			Ĺ		1				<u> </u>	<u> </u>
Dibenzofuran	336		ug/Kg	V	YES				1				1		1				ļ	1
Diethyl phthalate	336		ug/Kg	บ	YES								1		<u>                                     </u>		<u> </u>		1	1
Dimethyl phthalate	336		ug/Kg	U	YES				ĺ <u>.</u>	<u> </u>					[		li			<u> </u>
Di-n-butyl phthalate	336		ug/Kg	Ų	YES					]					11					<u> </u>
Di-n-octyl phthalate	336	i	ug/Kg	υ	YES	1	ſ								<b> </b>				l	<u> </u>
Fluoranthene	336		ug/Kg	υ	YES								l		l				.,	l
Fluorene	336		ug/Kg	U	YES										J		ļ			1.,
Hexachlorobenzene	336		ug/Kg	U	YES		- 1								l					l
Hexachlorobuladiene	336		ид/Кд	υ	YES										F		<u> j</u>		l	l
Hexachlorocyclopenladiene	336		ug/Kg	U	YES		-								l i				l	l
Hexachloroethane	336		ug/Kg	U ;	YES					)			j				1		l	
indeno(1,2,3-cd)pyrene	336		ug/Kg	Ų	YES								]		!		!			
Isopharone	336		ug/Kg	U	YES		1										1		l	
Naphthalene	336	;	ug/Kg	U	YES		1			1					1		į			
Mitobenzene	336	i	ug/Kg	U ;	YE8				-											
n-Nitrosodi-n-propylamine	336		ug/Kg	U	YES		1					[	{			1				
Pentachlorophenol	338	i i i i i i i i i i i i i i i i i i i	ug/Kg	U	YEG	1	· · · · · · i		1	1										

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

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 : E11-112-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879009

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 CV/
Analysis Method : 8270D					Difuti	on: 1														
Phenanthrene	336		ug/Kg	U	YES				l	<u>f</u>		<u> </u>			1 1		I		<u> </u>	11
Phenol	336		ug/Kg	U	YES					1		l	1		1				1	11
Pyrene	336	:	ug/Kg	U	YES					1		l					)			

Project Number and Name:

11-032F - 11-032F Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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ADR 8.2 Overalt result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for calegories not assessed by automated data review

Client Sample ID : E11-117-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879018 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quat		Overali Qual*	i Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IÇ	ICV	CCA
Analysis Method : 6010C					Diluti	on: 1	***********		~											
Arsenic	2.69		mg/kg	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	YES	1	:			l		J			1					
Barium	72.6		mg/kg		YES	J	1					J		l	1					Ĭ
Cadmium	0.613		mg/kg		YES	UJ	}		U		1	J								1
Chromium	3.53	;	mg/kg		YES				1		l									
Lead	16.1		mg/kg		YES	J			1		1	J			[					l
Selenium	1.83	:	mg/kg	U	YES			Ì			1				l					ĺ
Silver	0.189	;	mg/kg	j	YES	IJ			υ											
Analysis Method : 7471B	**************				Dilutio	วก: 1					,,,,,,	.,,,,,,,,,								
Mercury	0.0180		mg/kg	ย	YES				[						1				1	1
Analysis Method : 8081					Dilutio	on: 1														
4,4'-DDD	10.1		ug/Kg	υ	YES		<u> </u>		1			J		1	<u>[</u> ]		<u> </u>		l,,,,,,,,,,,	<u> </u>
4,4'-DDD	10.1		ug/Kg	υ	YES				<u> </u>								l		l	[
4,4'-DDE	10.1	ļ	ug/Kg	บ	YES		1		<u> </u>						li		1			
4,4"-DDE	10.1		ug/Kg	U	YES												į			<u> </u>
4,4'-DDT	0.532	,	ug/Kg	JР	YES	IJ			0	ļ	]				<u> </u>					<u> </u>
4,4'-DDT	0.532		ug/Kg	JP	YES	U			U	l					l					ļ
Aldrin	10.1		ug/Kg	U	YES					l	1	1								1
Aldrin	10.1		ug/Kg	υ	YES				[						]					1
alpha-RHC	10.1		ug/Kg	U	YES										· · · · · · · · · · · · · · · · · · ·					1
alpha-8HC	10.1		ug/Kg	U	YES												!			1
alpha-Chlordane	10,1		ug/Kg	U	YES												- Park			i
alpha-Chlordane	10.1		ug/Kg	U	YES								-							İ
beta-BHC	10.1		ug/Kg	U	YES										1					
beta-BHC	10.1		ug/Kg	U ;	YES :							I								
Chlordane	33.5	;	ug/Kg	U	YES		ĺ									١				!
Chiordano	33.5		ug/Kg	U	<b>ነሮ</b> 8				<u> </u>									1	Ī	
delta-BHC	10.1	:	ug/Kg	U	YES	i				i				1					Ī	

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

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

Client Sample ID : E11-117-S1 Sample Date: 07/14/2011

Lab Sample ID: 31101879018

Lab Report Batch: 31101879

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	МВ	LCS	мѕ	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	icv	CCV
Analysis Method : 8081					Diluti	,														
della-BHC	10.1	1	ug/Kg	U	YES	:				1							1		1	
Dieldrin	10.1		ug/Kg	U	YES		·····		 	/ 	: 		: 	 	1		` 		: 	i
Dieldrin	10.1		ug/Kg	U	YES							·	1						/	
Endosulfan I	10.1		ug/Kg	U	YES														 	i
Endosulfan i	10.1		ug/Kg	U	YES		1						1		]				1	
Endosulfan II	10.1		ug/Kg	U	YES		1			[		,							1	
Endosulfan II	10.1		ug/Kg	U	YES		ĺ												1	
Endosulfan sulfale	10.1		ug/Kg	Ų	YES		i												1	
Endosulfan sulfale	10.1		ug/Kg	บ	YES															1
Endrin	10.1		ug/Kg	U	YES					[									[	1
Endrin	10.1		ug/Kg	υ	YES		Ĭ													1
Endrin aldehyde	10.1		ug/Kg	U	YES		······								1				1	1
Endrin aldehyde	10.1		ug/Kg	U	YES			1				-								1
Endrin ketone	10.1	;	ug/Kg	υ	YES		1	ļ				J		*			1			
Endrin ketone	10,1		ug/Kg	U	YES	ĺ								.,						,
gamma-BHC (Lindane)	10.1		ug/Kg	U	YES			1			,	1								i
gamma-BHC (Lindane)	10,1	;	ug/Kg	U	YES		1	I		1		]	· · · · · ·							
gamma-Chiordane	10,1	ì	ид/Кд	U	YES	i	1	1			· · · · · · · · · · · · · · · · · · ·	1								1
gamma-Chlordane	10.1	i	ug/Kg	U	YES	1		1	]			1			ļ		1		· · · · · ·	
Heplachior	10.1		ug/Kg	U	YES	j	1	Ī	1	· · · · · · i		I	i							;
Heplachlor	10.1		ug/Kg	U	YES	.	1	- 1	ı	1	1	1	- 1	1		1				į
deptachlor epoxide	10.1		ug/Kg	U	YES		1	ĺ		]	[	1				1				
Teplachlor epoxide	10.1		ug/Kg	U	YES	1	1	1	}			1	1	I		ı	1			
Methoxychlor	10.1		ug/Kg	U	YES :				1			I	Ì				1			
Methocychlor	10.1	1	ոց#(ց	U į	YES (		1	1	1		í	1		ı	1	1	1			
Toxaphene	33.5	1	ug/Kg	υ	YES	1	1	1	1	1		1	· · · · · · · · · · · · · · · · · · ·			1	I			

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

Library Used: CampCarroll

ADR 8.2

Roport Date: 0/6/2011 08:22

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 : E11-117-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879018 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty i Error	Result Units	Lab Qual		Overati Qual*	: Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Maist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8081					Dilutio	n: 1														
Toxaphene	33.5	-	ug/Kg	U	YES				1			Į.		İ					1	1
Analysis Method : 8151	.,,				Dilutio	n:1													~~~~	
2,4,5-T	0.0168	;	mg/kg	U	YES		] [	l	<u> </u>	1		[	<u> </u>		1		[ ]		1	1
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES	IJ	<u> </u>		<u> </u>	f	ບນ	l	1	<u> </u>	1				<u> </u>	1
2,4'-D	0.0168		mg/kg	ប	YES	θJ			1	1	UJ	<u> </u>	l	1	1				1	1
2,4-DB	0.0168		mg/kg	Ü	YES				l	1				1	l		1		1	<u> </u>
Dicamba	0.0168		mg/kg	U	YES				1	1				}	l		l		<u> </u>	<u> </u>
Analysis Method : 8260B					Dilutio	n: 1							was the same of the same							
1,1,1,2-Tetrachioroethane	5.20		ug/Kg	U	YES		<u>.</u> !		<u> </u>				ļ		<u> </u>		l		<u> </u>	1
1,1,1-Trichloroethane	5.20	;	ug/Kg	U	YES		1		<u> </u>			<u> </u>	l		l		<u> </u>		<u>]</u>	1
1,1,2,2-Tetrachloroethane	5,20		ug/Kg	บ	YES		1		l	1			l	ļ	1		l		ļ	<u> </u>
1,1,2-Trichloroethane	5.20		ug/Kg	U	YES				Ĺ						1 1		l i		l	I
1,1-Dichloroethane	5.20		ug/Kg	U	YES :								[	l	<u>                                     </u>				1	1
1,1-Dichloroethene	5.20		ug/Kg	U	YES										]				<u> </u>	İ
1,1-Dichloropropene	5.20		ug/Kg	U	YES												1			]
1,2,3-Trichlorobenzene	5.20		ug/Kg	U	YES				l	l									l	<u> </u>
1,2,3-Trichloropropane	5.20		ug/Kg	U	YES		l		l				<u> </u>		<u> </u>		1			<u> </u>
1,2,4-Trichlorobenzene	5.20		ug/Kg	U	YES										<u> </u>					1
1,2,4-Trimelhylbenzene	5,20		ug/Kg	U	YES :										l				l	ļ
1,2-Dibromo-3-chloropropane	31.2	;	ug/Kg	U ;	YES :	ļ									l				l	
1,2-Dibromoethane	5.20		ug/Kg	U	YES :		1			<u>.</u>							<u> </u>		l	1
1,2-Dichloropenzene	5.20		ug/Kg	υ	YES	į	1										1			1
1,2-Dichloroethane	5.20		ug/Kg	U	YES :		1			į							1			
1,2-Dichloropropand	6.20		ug/Kg	U	YEC												ì			1
1,3,5-Trimethylbenzene	5.20		ug/Kg	U	YES		1									j				1
1.3-Djchlorobenzene	5.20		ug/Kg	U	YES :	]	1													1
1,3-Dichloropropane	5.20		ug/Kg	υ	YES	1		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 : E11-117-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879018

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*	Temp	HT	MB	LCS	MS	Lab Đưp	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCA CA1
Analysis Method : 8260B					Difutio	on: 1														
1,4-Dichlorobenzene	5.20		ug/Kg	U	YES		1			1					l				<u> </u>	1
2,2-Dichloropropane	5.20		ug/Kg	U	YES										l				]	1
2-Butanone	3.12	:	ug/Kg	j	YES	J	i		i	1	ļ		j						<u> </u>	1
2-Chlorotoluene	5.20		ug/Kg	U	YES					1									ļ	1
2-Нехаполе	13.0		ug/Kg	U	YES						<u> </u>						[			1
4-Chlorotoluene	5.20	ì	ug/Kg	U	YES		- 1								<u> </u>		<u> </u>			1
4-(sopropylloluene	5.20		ug/Kg	U	YES				l		l				<u> </u>		<u> </u>		1	
4-Methyl-2-pentanone	13.0		ug/Kg	υ	YES					1										I
Acetone	12.5		ug/Kg	J	YES	J					];		J						l	J
Benzene	5.20		ug/Kg	υ	YES									,			l i		<u> </u>	<u> </u>
Bromobenzene	5.20	;	ug/Kg	Ų	YES	1	- 1								l				1	<u> </u>
Bromochloromethane	5.20	į	ug/Kg	Ų	YES			]				l			]		]			l
Bromodichloromethane	5.20		ug/Kg	υį	YES		]										<u> </u>			<u> </u>
Bromoform	5.20		ug/Kg	υ	YES	1						1								]
Bromomethane	5.20	į	ug/Kg	U	YES	ì	i	ļ												<u> </u>
Carbon disulfide	5.20		ug/Kg	U	YES:						[]				l		1			1
Carbon tetrachloride	5.20		ug/Kg	U	YES												1			<u> </u>
Chlorobenzene	5.20		ug/Kg	U	YES			1	]						1					1
Chloroethane	5.20	:	ug/Kg	υ	YES		1	í							li				<b>!</b>	<u> </u>
Chloroform	5.20		ug/Kg	U	YES		- 1	1	J			1			li					<u> </u>
Chloromethane	5.20	<u> </u>	ug/Kg	U	YES							1							ı	l
cis-1,2-Dichloroethene	5.20		ug/Kg	U	YES		1										1			<u> </u>
cis-1,3-Dichloropropene	5.20		ид/Кд	U	YES		1	1					]				1			<u> </u>
Dibromochloromethane	5.20	:	ид/Ко	U	YES				1				]							1
Dibromomelhane	5.20	:	ug/Kg	u	YES						- 1		J					,]	1	l
Dichlorodifluoromelhane	5.20		ug/Kg	Ų	YES	1	- 1	-	1		1		1			1	I	- 1	. 1	i

Project Number and Name:

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Library Used:

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Report Date: 9/6/2011 08:22

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

Client Sample ID : E11-117-S1

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Sample Date : 07/14/2011 Lab Sample ID: 31101879018

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	1G	ICV	CCV CCV
		,,,,,		Dilutio	on: 1														
5.20		ид/Кд	U	YES				ļ				l	İ			1		1	1
5.20		ug/Kg	U	YES					1			]				<u> </u>		1	1
5.20		ug/Kg	U	YES		1 (			l			l	1	[		<u> </u>		<u> </u>	1
10.4		ug/Kg	U	YES		[ <u> </u>		<u> </u>	l			<u> </u>	1	1	,,,	[ ]		<u> </u>	<u> </u>
1.03		ug/Kg	J	YES	J	I		<u> </u>	1			J	Ì	l		[,,]		<u> </u>	<u> </u>
1.46		ug/Kg	J	YES	IJ			U				J				[]		<u> </u>	1
5.20		ug/Kg	Ų	YES				l	l			l				1 1		[	<u> </u>
5.20		ug/Kg	Ų	YES		1										<u> </u>		[	1.,,
5.20		ug/Kg	U	YES					[			<u> </u>	. <u>.</u>			<u> </u>		<u> </u>	<u> </u>
5.20	;	ug/Kg	υ	YES		1 1							<u> </u>	1		<u> </u>		<u> </u>	<u> </u>
5.20		ug/Kg	U	YES				l				l <i></i>	<u> </u>			<u>[]</u>			<u> </u>
5.20		ug/Kg	U	YES										<u> </u>		<u> </u>		l	<u> </u>
5.20		ug/Kg	Ų	YES		i								<u>                                     </u>		ll		I	ļ
5.20		ug/Kg	u	YES		l		[]						<u> </u>	- <b>.</b>	<u> </u>		l	
5.20		ug/Kg	U	YES												L		l	
5,20	i	ug/Kg	U	YES						ļ						l		l	l
5.20	i	ug/Kg	U	YES				l				l.,,,				l		l	1
5.20		ug/Kg	υ	YES		ı			l							l	. ,	l	l
26.0	į	ug/Kg	υ	YES					l					l		ļ I			1
5.20	į	ug/Kg	ប	YES		1			l	1	l			l f		l!		l	l
5.20	į	ug/Kg	u	YES :		1			l							1			l
5.20	1	ug/Kg	U	YES									l	l				l	l
				Dilutio	n: 1	_,													
336		ug/Kg	U ;	YEE			1	<u> </u>	<u>.</u>					<u> </u>		<u> </u>		l	<u> </u>
336	į	ug/Kg	υ	YES		1	1							<u> </u>		<u> </u>	]	l	<u> </u>
336	Ì	ug/Kg	ម	YES		1								<b>,</b> ,,		L		l	ļ
336	ì	ug/Kg	U	YES		- 1	i			- 1	1			i			i	l	1
	Sesult	5.20   5.	Result   Error   Units	Result   Error   Units   Qual	Result	Result   Error   Units   Qual   Res   Qual	Result   Error   Units   Qual   Res   Qual   Temp	Result   Error   Units   Qual   Res   Qual   Temp   HT	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   Dilution: 1	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup	Result	Result	New   New	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   ToUDis   QC	Result	Result	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surt   Limit   ToUDIS   QC   Tune   IC   ICV   ICV   ICV   IUS

Project Number and Name:

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

Client Sample ID : E11-117-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/14/2011 Lab Sample ID: 31101879018 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty I Error	Result Units	Lab Qual		Overall Qual*		HT	MB	LCS	MS	Lab Dup	Surr		Moist ToVDis	Tune	íC	ICV	CCA
Analysis Method : 8270D					Diluti	on: 1										 			
2,4,5-Trichterophenol	336	)	ug/Kg	U	YES	<u></u>	l		1	[		l	<u> </u>	<u> </u>	<u>                                     </u>	 <u> </u> j		1	1
2,4,6-Trichlorophenol	336		ug/Kg	υ	YES					<u> </u>	ļ.,,,,,,,		l	ſ	11	 <u> </u>		<u> </u>	1
2,4-Dichlorophenol	336		ug/Kg	U	YES	:			1				<u> </u>	<u> </u>	1	 <u>[1</u>		<u> </u>	1
2,4-Dimethylphenol	336		ug/Kg	U	YES		<u> </u>		<u> </u>	1	<u> </u>		<u> </u>	<u> </u>	<u> </u>	 <u>                                     </u>		J	ļ
2,4-Dinitrotoluene	336		ug/Kg	U	YES	<u>:</u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>		[	<u> </u>	][	 l!		<u> </u>	ļ
2,6-Dinitrotoluene	336		ug/Kg	U	YES		<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u>                                     </u>	 l		<u> </u>	<u> </u>
2-Chloronaphthalene	336		ug/Kg	U	YES		<u> </u>		<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>	<u> </u>	 1		J	<u> </u>
2-Chlorophenol	336		ug/Kg	U	YES		11		<u> </u>	1	<u> </u>		[	<u> </u>	<u> </u>	 		<u> </u>	<u> </u>
2-Melhylnaphthalene	336		ug/Kg	U	YES		l1			<u> </u>	<u> </u>	l	l	<u> </u>	<u> </u>	 ļ j		J	<u> </u>
2-Methylphenol	336		ug/Kg	U	YES		i 1		1	<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u>                                     </u>	 l		<u> </u>	l
2-Nitroaniline	336		ug/Kg	υ	YES		į [			<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>	 <u> </u>		<u> </u>	<u> </u>
2-Nitrophenol	336		ug/Kg	υ	YES				1	1			1	<u> </u>	<u> </u>	 <u> </u>		<u> </u>	1
3 and/or 4-Methylphenol	336		ug/Kg	υ	YES		i		<u> </u>		<u> </u>	<u> </u>	l	ļ	ll	 <u> </u>		<u> </u>	<u> </u>
3-Nitroaniline	336		ug/Kg	U	YES		11		<u> </u>		1		<u> </u>	<u> </u>	<u>                                     </u>	 <u>[</u>		<u> </u>	<u> </u>
4-Bromophenyl phenyl ether	336		ug/Kg	U	YES		1 1		<u> </u>	<u> </u>	}		<u> </u>	l <u>.</u>		 <u> </u>		<u> </u>	<u> </u>
4-Chioro-3-methylphenol	336		ug/Kg	Ų	YES		1		<u> </u>	<u> </u>	}		<b> </b>	l		 <u> </u>		l	1
4-Chloreaniline	336		ug/Kg	U	YES		1 1			l	[			l		 <u> </u>		1	Į
4-Chlorophenyl phenyl ether	336	i	ug/Kg	U	YES					<u> </u>		l	<u> </u>	l		 <u> </u>		l	1
4-Nitroaniline	336		ug/Kg	U	YES		1		l					l	1	 l		l	l
4-Nitrophenol	336		ug/Kg	U	YES				l	l	l			l	l!			1	l
Acenaphlhene	336	:	ug/Kg	U	YES				l	l	<u> </u>	ļ			l	 		1	1
Acenaphthylene	336		ug/Kg	U	YES				l						li	 ļ ļ		1	1
Anthracene	336		ug/Kg	U	YES				l	<u> </u>			l		<u>                                     </u>	   !		<u> </u>	<u>L</u>
Benzo(a)anthracene	336	;	ид/Кд	U	YES										<u>[</u> ]	 1		l	<u> </u>
Benzo(a)pyrene	336	;	ug/Kg	υ	YES				]	1	l					 		<u> </u>	ļ
Benzo(b)fluoranthene	336		ug/Kg	บ	YES					1								ļ .	

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used: Camp

Report Date: 9/6/2011 08:22

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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: E11-117-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879018 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quat*		нт	мв	LCS	MS	Lab Đup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA
Analysis Method : 8270D					Diluti	on: 1				,										,
Benzo(g,h,i)perylene	336		ug/Kg	U	YES				1	]	<u> </u>	1	1	l	1!		[]		J	1
Benzo(k)fluoranthene	336		ug/Kg	U	YES				l	1			l	1	1		1		J	.1
Bis(2-Chloroethoxy)methane	336		ug/Kg	U	YES					1	1			1						1
Bis(2-Chloroethyl)ether	336		ug/Kg	Ų	YES					<u> </u>	f		ļ	Ì					<u> </u>	1
Bis(2-Chloroisopropyl)ether	336		ug/Kg	Ų	YES					]			1						<u> </u>	1
Bis(2-Ethylhexyl)phthalate	336		ид/Кд	U	YES				1	l	<u> </u>				1		1		<u> </u>	]
Butyl benzyl phthalate	336		ug/Kg	U	YES	:			1	[			1		1					1
Chrysene	336		ug/Kg	U	YES							ì			1		[ ]		}	
Dibenz(a,h)anthracene	336		ug/Kg	U	YES				1	1		!			1					1
Dibenzofuran	336		ug/Kg	U	YES				1			}	l		l				l	<u> </u>
Diethyl phthalate	336		ug/Kg	U	YES					1										1
Dimethyl phthalate	336		ug/Kg	U	YES										[ ]					1
Di-n-butyl phthalate	336	:	ug/Kg	U	YES					1							,			
Di-n-oclyl phthalate	336	:	ug/Kg	Ų	YES		1								1				1	1
Fluoranthene	336		ug/Kg	U	YES		, J			l										
Fluorene	336		ug/Kg	υ	YES					1										
Hexachlorobenzene	336		ug/Kg	υ	YES					]					1					1
Hexachlorobutadiene	336		ug/Kg	υ	YES		1													1
Hexachtorocyclopentadiene	336	:	ug/Kg	U	YES		1				[ ]									1
Hexachloroelhane	336	:	ug/Kg	U	YES		1			1					l		1			1
Indeno(1,2,3-cd)pyrene	336		ug/Kg	Ų	YES		1								1					1
Isophorone	336	ì	ug/I(g	υ	YES		1								1		i			1
Naphihalene	336		ug/Kg	U	YES		1			1							i			İ
hitrobenzene	336		по/Ко	11	YES	1	1									-			1	]
n-Nitrosodi-n-propylamine	336	ì	ug/Kg	U	YES										1					1
Pentachlorophonol	336	;	ug/Kg	U	YES		1					i i					l I		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 : E11-117-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879018

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	Fletd QC	Tune	IC	icv	CCV CCV
Analysis Method : 8270D					Diluti	on: 1														
Phenanthrene	336		ug/Kg	Ų	YES	: 1				1	į			1	1		1			
Phenol	336		ug/Kg	U	YES	1					}			(						1 1
Pyrene	336		ug/Kg	U	YES				1	1		1		l	1				1	1 1

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

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

Client Sample ID : E11-117-S2

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879019

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	НT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCV
Analysis Method : 6010C					Dilutio	on: 1			· · · · · · · · · · · · · · · · · · ·											
Arsenic	2.94		mg/kg		YES	J			<u> </u>	<u> </u>	<u> </u>	J		<u> </u>	1		<u> </u>		<u> </u>	1
8arium	72.6		mg/kg		YES	J	<u>                                     </u>		<u> </u>	1	<u>                                     </u>	J	1	<u> </u>	1		1		<u> </u>	1
Cadmium	0.793		mg/kg		YES	J	l		1		1	J	1	<u> </u>	1		1		<u> </u>	<u> </u>
Chromium	3.78		mg/kg		YES				<u> </u>	<u> </u>	!	ļ	1		1				<u> </u>	<u> </u>
Lead	12.8	<u> </u>	mg/kg		YES	j	1		<u> </u>	<u> </u>	<u> </u>	J		<u> </u>	1		<u> </u>		<u> </u>	l
Selenium	0,450		mg/kg	J	YES				<u> </u>	<u> </u>	<u> </u>		1	<u> </u>	1		ļl		J	1
Silver	0.294		mg/kg	J	YES	IJ	<u> </u>	,,,,,	ļυ	<u> </u>	<u> </u>	l	1	<u> </u>			<u> </u>		<u> </u>	<u> </u>
Analysis Method : 7471B					Dilutio							,.,.,								
Mercury	0.00101		mg/kg	J	YES	IJ			U	1	l		ļ	1	1				<u> </u>	l
Analysis Method : 8081					Dilutio	n:1														
4,4'-DDD	10.1	<u> </u>	ug/Kg	Ų	YES				l	<u> </u>	l		<u> </u>	<u> </u>	<u>[</u>		1		<u> </u>	<u> </u>
4,4'-DDD	10.1	<u> </u>	ug/Kg	υ	YES		!		l	1		l	<u>[</u>	<u> </u>	1		l		<u> </u>	<u> </u>
4,4'-DDE	0.787		ug/Kg	J	YES		<u> </u>		l	<u> </u>			l		<u> </u>		<u> </u>		<u>l</u>	<u> </u>
4,4'-DDE	0.787	<u> </u>	ug/Kg	3	YES		[ <u>[</u>			<u> </u>	[]		l	1	<u> </u>		<u> </u>		l	l
4,4'-DOT	3.33	<u> </u>	ug/Kg	J	YES	บ	<u></u>		U	<u> </u>			l	}	ll		<u>!</u> i		<u> </u>	<u> </u>
4,4'-DDT	3.33	<u> </u>	ug/Kg	J	YES	บ	<u> </u>		U	<u> </u>			l	L	l		<u>t 1</u>		<u> </u>	<u> </u>
Aldrin	10.1		ug/Kg	υ	YES		1		l				l.,,,,,,,,,		<u> </u>		l			l
Aldrin	10.1		ug/Kg	υ	YES		<u> </u>		l				l		<u> </u>		<u> </u>			l
alpha-BHC	10.1		ug/Kg	U	YES				l	l			l		1		l		<u> </u>	<u> </u>
alpha-BHC	10.1	i	ug/Kg	U	YES		]		ļ	<u> </u>			<u> </u>		1		<u> </u>		<u> </u>	l
alpha-Chlordane	10.1		ug/Kg	U	YES				<u> </u>	l					<u> </u>	,	<u> </u>		<u> </u>	<u> </u>
alpha-Chlordane	10.1		ug/Kg	U	YES :					l <u> </u>				l	<u> </u>		<u> </u>		<u> </u>	<u> </u>
beta-BHC	10.1		ug/Kg	U	YES		1							j	<u> </u>		<u>                                     </u>		<u> </u>	<u> </u>
hala-ELIO	10.1		ug/Kg	Ų.	YES								<u> </u>	l			<u></u>		<u> </u>	<u> </u>
Chlordane	33.6		ug/Kg	U	YES		1	,,,,,,					l		<u> </u>		1		<u></u> !	1
Chlordane	33.6	į	ug/Kg	U	YEG		Ī						l		l		l		J!	l
della-BHC	10.1	1	ug/Kg	U	YES		1	1									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 : E11-117-S2

Sample Date: 07/14/2011 Lab Sample ID: 31101879019 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quat	Rep Res	Overall Qual*	Temp	нт	мв	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	ıc	ICV	CCV CCV
Analysis Method : 8081					Dilutio	on: 1														
delta-BHC	10.1		ug/Kg	U	YES						į	1	1	1	1 1				<u>.</u>	1
Dieldrin	10.1		ug/Kg	U	YES							1							1	<u> </u>
Dieldrin	10.1		ug/Kg	U	YES				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>                                     </u>				<u> </u>	1
Endosulfan I	10.1		ug/Kg	U	YES		1				<u> </u>		<u> </u>	<u> </u>	<u>                                     </u>				<u> </u>	1
Endosulfan I	10.1		ug/Kg	U	YES					<u> </u>		<u> </u>	<u> </u>		<u> </u>	<b>.</b>	<u> </u>		<u> </u>	<u> </u>
Endosulfan li	10.1		ug/Kg	υ	YES					1		<u> </u>	ļ		<u>                                     </u>				<u> </u>	1
Endosulfan II	10,1	[	ug/Kg	υ	YES					1				1	<u> </u>		]			1
Endosulfan sulfate	10.1		ug/Kg	ប	YES									l	I					1
Endosulfan sulfale	10.1		ug/Kg	U	YES					]			1	į	<u> </u>				<u> </u>	
Endrin	10.1		ug/Kg	U	YES						<u> </u>			1	L1		<u> </u>		<u> </u>	1
Endrin	10.1		ug/Kg	U	YES								l	[	<u>                                       </u>				1	1
Endrin aldehyde	10.1		ug/Kg	υ	YES				l		<u> </u>			<u> </u>	1				<u> </u>	<u> </u>
Endrin aldehyde	10.1		ug/Kg	U	YES								<u> </u>		l.,		]		<u> </u>	<u> </u>
Endrin ketone	10.1		ug/Kg	U	YES				ĺ	J					I		}		1	1
Endrin kelone	10.1		ug/Kg	Ų	YES		1					l			l		l		ļ	<u> </u>
gamma-BHC (Lindane)	10.1		ug/Kg	V	YES	į									l		l		ļ	ļ
gamma-BHC (Lindane)	10.1		ug/Kg	υ	YES								l						ļ	[
gamma-Chlordane	10.1		ug/Kg	υ	YES									,	<u> </u>		<u> </u>		l	ļ
gamma-Chlordane	10.1		ug/Kg	U	YES		1													1
Heptachlor	10.1	;	ug/Kg	U	YES		1								į					1
Heptachlor	10.1		ug/Kg	U	YES					l					, ,		<u> </u>		l	l
Heptachlor epoxide	10.1		ug/Kg	U	YES					]							l		l	<u> </u>
Heptachlor epoxide	10.1		ug/Kg	υ	YES		1						<u> </u>				1		l	<u> </u>
Methoxychlor	10 1	į	ug/Kg	11	YEN															
Methoxychlor	10.1		ug/Kg	U	YES		1										j			1
Loxaphene	33.6	1	uu/Ku	U	YES	1	1	1				)					l 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 : E11-117-S2 Sample Date : 07/14/2011

Lab Sample ID: 31101879019

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Analysis Type: R

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Resutt	Uncertainty / Error	Result Units	Lab Qual		Overall Quai*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCA
Analysis Method : 8081					Dilutio	n: 1														
Toxaphene	33.6		ug/Kg	U	YES				1	1	1	1			1				<u> </u>	<u> </u>
Analysis Method : 8151					Dilutio	n: 1						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
2,4,5-T	0.0171		mg/kg	U	YES		1	l	1	1			1	ļ	1		)	<b></b>	<u> </u>	1
2,4,5-TP (Silvex)	0.0171		mg/kg	U	YES	IJ			1	1	UJ	l	l	<u> </u>	1					1
2,4'-D	0.0171		mg/kg	U	YES	IJ			l	1	UJ	l	l	Ì	[]					}
2,4-DB	0,0171		mg/kg	U	YES							1		•					<u> </u>	1
Dicamba	0.0171		mg/kg	U	YES			[			1	1		ţ					<u> </u>	1
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.42		ug/Kg	υ	YES						ļ	1		<u> </u>	[]		<u> </u>		<u> </u>	1
1,1,1-Trichloroethane	4.42		ug/Kg	IJ	YES					1	,	l		[	<u> </u>				<u> </u>	1
1,1,2,2-Telrachloroethane	4.42		ug/Kg	U	YES					Ï					1 1		[ ]		<u> </u>	1
1,1,2-Trichloroethane	4.42	;	ug/Kg	U	YES				1						l		1 1		<u> </u>	1
1,1-Dichloroethane	4.42		ug/Kg	U	YES									1			li			
1,1-Dichloroethene	4.42		ug/Kg	U	YES	+								}					<u> </u>	[
1,1-Dichloropropene	4.42		ug/Kg	U	YES					l					i					<u> </u>
1,2,3-Trichlorobenzene	4.42		ug/Kg	U	YES ;	1									i				<u> </u>	[
1,2,3-Trichloropropane	4,42		ug/Kg	Ų	YES										1				]	
1,2,4-Trichlorobenzene	4.42		ug/Kg	Ų	YES												l i		1	1
1,2,4-Trimelhylbenzene	4.42		ug/Kg	V	YES														1	
1,2-Dibromo-3-chloropropane	26.5		ug/Kg	υ	YES		[							ĺ	}				1	
1,2-Dibromoethane	4.42		ug/Kg	U	YES										1					
1,2-Dichlorobenzene	4.42	:	ug/Kg	U ,	YES :										1	-,			l	Ī
1,2-Dichloroethane	4,42		ug/Kg	U	YES							}		]				. ,	1	Ĭ
1,2-Dé հնադագատ⊭	4.47		110/150	u	YTC:												[ {		]	
1,3,5-Trimelhylbenzene	4.42		ug/Kg	U	YES												[			1
1.3-Dichlorobenzene	4.42	1	uų/Kų	U	YES	 					'									
1,3-Dichloropropane	4.42		ug/Kg	υĖ	YES										]				1	1

Project Number and Name:

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

Client Sample ID : E11-117-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879019 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

		Uncertainty /		Lab		Overall						Lab	_	Rep	Moist					CVI
Analyte Name	Result	Error	Units	Qual		Qual*	Temp	HT	MB	LCS	MS	Dup	Surr	Limit	Tot/Dis	QC	Tune	IC	ICV	ccv
Analysis Method : 8260B					Dilutio	on: 1														
1,4-Dichlorobenzene	4.42		ug/Kg	U	YES		<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u></u>
2,2-Dichloropropane	4.42		ug/Kg	U	YES		<u>!</u>		!	<u> </u>	<u> </u>		l	<u> </u>	<u> </u>		[]			<u> </u>
2-Butanone	3.08		ug/Kg	J	YES	J	<u> </u>			<u> </u>		l	J	<u></u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>
2-Chlorotoluene	4.42		ug/Kg	υ	YES		I		1	l		<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u>                                     </u>		<u> </u>	
2-Hexanone	11.0		ug/Kg	U	YES				l				<u> </u>	1	<u> </u>		<u> </u>		l	1
4-Chlorololuene	4.42		ug/Kg	U	YES				l	l			<u> </u>	1	<u> </u>		[i		1	1
4-Isopropyltoluene	4.42		ug/Kg	U	YES -				1		١	[	<u> </u>	İ	l		<u> </u>		1	l
4-Methyl-2-pentanone	11.0		ug/Kg	U	YES						1		1		l		[]		1	l
Acelone	17.0		ug/Kg	J	YES	J			ĺ		1		J		[]				l	1
Benzene	4.42		ug/Kg	υ	YES						1								l	l
Bromobenzene	4.42		ug/Kg	U	YES									l	1 1				<u> </u>	l
Bromochloromethane	4.42		ug/Kg	U	YES								[		li					1
Bromodichloromethane	4.42		ug/Kg	Ų	YES												[ ]			1
Bromoform	4.42		ug/Kg	U	YES		1										l)			<u> </u>
Bromomethane	4.42		ug/Kg	υ	YES		1		[]						1 1					1
Carbon disulfide	4,42		ид/Кд	ម	YES		1													
Carbon tetrachloride	4,42		ug/Kg	ប	YES		1								1					l .
Chlorobenzene	4.42		ug/Kg	U	YES										1		l i			
Chloroethane	4.42		ug/Kg	υ	YES															]
Chloroform	4.42		ug/Kg	υ	YES															1
Chloromethane	4.42		ug/Kg	υ	YES		1													1
cis-1,2-Dichloroethene	4.42		ug/Kg	U	YES	į	1								1		l i			
cis-1,3-Dichloropropene	4.42	i	ug/Kg	U	YES	I	1	· · · · · · · · · · · · · · · · · · ·							1		1			1
Dibromochleromethene	4.42		ug/Ky	Ų	YES	-	I				1				1					1
Dibromomethane	4.42		ug/Kg	U	YES	i	1				1									ŀ
Dichloroddliioromethane	4 47	·····	пр/Кр	0	YFS			1		· · · · · · · · · · · · · · · · · · ·	1					.,,.,				 

Project Number and Name: 11-032E - 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 : E11-117-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879019 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual*	Temp	HT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	(CV	CCV
Analysis Method : 8260B					Dilutio	n: 1			,											
Ethyl Benzene	4.42		ug/Kg	U	YES				1	J			[	l	i	Ī	li		]	1
Hexachlorobuladiene	4.42		ug/Kg	U	YES				1	1	l			1			1		1	1
Isopropylbenzene (Cumene)	4.42		ug/Kg	U	YES				1	l	,				1		1			1
m,p-Xylene	8.84		ug/Kg	U	YES		1		İ		ĺ			ĺ	1		1		l	1
Methyl iodide	0.760		ug/Kg	J	YES	J			ĺ	1			j		1				l	<u> </u>
Methylene chloride	1.57	]	ug/Kg	J	YES	UJ	1		U		<u> </u>		J				1		}	
Naphthalene	4.42	i	ug/Kg	U	YES		1		1	l	1				1					1
n-Bulyibenzene	4.42		ug/Kg	U	YES		1										1		1	1
n-Propylbenzene	4.42		ug/Kg	U	YES	1					1						1		1	1
o-Xylene	4.42		ug/Kg	υ	YES	,	J			1							<u> </u>		1	l
sec-Butylbenzene	4.42		ug/Kg	U	YES		1								1 1					1
Styrene	4.42		ug/Kg	U	YES			j							l				<u> </u>	<u> </u>
tert-Butyl methyl ether (MTBE)	4.42		ug/Kg	υ	YES		1								l		1			1
tert-Butylberizene	4.42	j	ид/Кд	u	YES			,							1 1					1
Tetrachloroethene	4.42		ug/Kg	U	YES										1 1					1
Yoluene	4.42		ug/Kg	V	YES												1			
trans-1,2-Dichloroethene	4.42		ug/Kg	υ	YES	i	1								1					
trans-1,3-Dichloropropene	4.42		ug/Kg	U	YES	1	1						ļ							
trans-1,4-Dichloro-2-bulene	22.1	;	ug/Kg	U	YES	-													l	1
Trichloroethene	4.42		ug/Kg	U	YES		-						}		] ]		]		l	1
Trichlorofluoromelhane	4.42	-	ug/Kg	U	YES	Ì							)		1		1		l	1
Vinyl chloride	4.42		ug/Kg	U	YES		1	ı											l	1
Analysis Method : 8270D					Dilutio	n: 1														
1,2 4-Trichlorobenzene	337		ug/Kg	Ų	YES	ì					i		1							
1,2-Dichlorobenzene	337		ug/Kg	υ	YES		I					1								<u> </u>
1,3-Dichlorobenzene	337	:	ug/Kg	W	YFS		[	1												
1,4-Dichtorobenzene	337	1	ug/Kg	U	YES	1	1	1	- 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: E11-117-S2

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Sample Date: 07/14/2011 Lab Sample ID: 31101879019

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		Moist Tot/Dis	Tune	IC	ICV	CCA CA1
Analysis Method : 8270D					Dilutio	on: 1													
2,4,5-Trichlorophenol	337		ug/Kg	U	YES				1	1	1				1 !	1		J	1
2,4,6-Trichlorophenol	337		ug/Kg	U	YES				l	1			l		1 1	 1	l	<u> </u>	<u></u>
2,4-Dichlorophenol	337		ug/Kg	Ų	YES								[		l i	 <u> </u>	<u> </u>	<u> </u>	1
2,4-Dimethylphenol	337		ug/Kg	U	YES				ŀ		1		1	l	l !	 	!	<u> </u>	1
2,4-Dinitrololuene	337		ug/Kg	U	YES						l		1			 		1	1
2,6-Dinitrotoluene	337		ug/Kg	U	YES						ļ		1			 l		]	1
2-Chloronaphthalene	337		ug/Kg	U	YES						}		1		i	 		1	1
2-Chlorophenol	337		ug/Kg	U	YES											 		]	1
2-Methylnaphthaiene	337	:	ug/Kg	U	YES		1			1			l		1	 		1	J
2-Methylphenol	337	;	ug/Kg	IJ	YES										1	 [ ]		1	1
2-Nitroaniline	337		ug/Kg	U	YES					[	;				1			<u> </u>	1
2-Nitrophenol	337		ug/Kg	U	YES		1									 		1	ļ
3 and/or 4-Methylphenol	337	:	ug/Kg	ប	YES	Ì	1								]			1	1
3-Nitroaniline	337		ug/Kg	U	YES		1		l							 		l	l
4-Bromophenyl phenyl elher	337		ug/Kg	Ų	YES											 <u> </u>		<b>.</b>	1
4-Chloro-3-methylphenol	337		ug/Kg	U	YES	ļ	Ī			}						 l		<u> </u>	1
4-Chloroaniline	337		ug/Kg	υ	YES										l			J	1
4-Chlorophenyl phenyl ether	337		ug/Kg	υ	YES	i	1				}				l			<b>.</b>	]
4-Nitroaniline	337		ug/Kg	U	YES	1		1										[	[
4-Nitrophenol	337		ug/Kg	U	YES	-	- 1	i		Ì					l				
Acenaphthene	337		ug/Kg	U	YES					l			ļ		1				1
Acenaphthylene	337		ug/Kg	υ	YES					1					- 1	 			1
Anthracene	337	İ	ug/Kg	U	YES											 <u> </u>			1
sanzatajantaracone	337		ug/Ng	U	YES		1								1			l	
Benzo(a)pyrene	337	i	ug/Kg	U	YES	Į		1					j		l i			l	1
Benzo(b)fluoranihene	337		пр/кр	U	YES	30	1									 			

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

Report Date: 9/6/2011 08:22 \* 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 57 of 353

Client Sample ID: E11-117-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879019

Reviewed By / Date :							App	rovec	By /	Date:	:					 			
Analyte Name	Result	Uncertainty /	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	мв	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	ıc	ICV	CCV
Analysis Method : 8270D					Diluti	on: 1													
Benzo(g,h,i)perylene	337		ug/Kg	U	YES					1	1	Ī	1		1				I
Benzo(k)fluoranthene	337		ug/Kg	U	YES	: 1				1	1		1					1	
Bis(2-Chloroethoxy)methane	337		ug/Kg	U	YES						1					1			1
Bis(2-Chloroethyl)ether	337		ug/Kg	Ų	YES						1	1		}	[	ĺ			F
Bis(2-Chloroisopropyl)ether	337		ug/Kg	U	YES	:	]				1	i	1				{		İ
Bis(2-Ethylhexyl)phthalate	337		ug/Kg	U	YES														1
Butyl benzyl phthalate	337		ug/Kg	U	YES		ļ						]						1
Chrysene	337		ug/Kg	U	YES		1		1			l .				 	}	Ì	1
Dibenz(a,h)anthracene	337		ug/Kg	Ü	YES	i	1				l .	İ						]	1
Dibenzofuran	337		ug/Kg	U	YES		1		1	l		1			l	 ļ		1	.1
Diethyl phthalale	337		ug/Kg	υ	YES					j		1						1	1
Dimethyl phthalate	337		ug/Kg	U	YES		1				1					 1		]	
Di-n-butyl phthalate	337		ug/Kg	U	YES	1	1			1						 Ī	l		1
Di-n-octyl phthalate	337		ug/Kg	U	YES	1	1			1			i			 			1
Fluoranthene	337	ĺ	ug/Kg	υ	YES						1					 l		1	l
Fluorene	337		ug/Kg	U	YES	I					1					 1		l	1
Hexachlorobenzene	337		ug/Kg	U	YES						1					 1			
Hexachlorobutadiene	337		ug/Kg	υ	YES	!	1				1		}		į	 İ .		1	1
Hexachlorocyclopentadiene	337	į	ug/Kg	U	YES	-										 l			1
Hexachloroethane	337		ug/Kg	U	YES	-	1				:					 l			1
Indeno(1,2,3-cd)pyrene	337	;	ug/Kg	U ,	YES					1						 	.,,	1	1
Isophorone	337	:	ug/Kg	U	YES		-		1							 1		<u> </u>	1
Naphthalene	337	į	ug/Kg	υį	YES			]										<u> </u>	1
Nitrobenzene	337	i	ug/Kg	ម	YES	1	1												1
n-Narosod⊦n-propylamine	337	i	ug/Kg	U	YES	)	1	١								 		1	1
Pentachlorophenol	337		ug/Kg	U	YES		1			l						 		1	1

Project Number and Name: 11-032E - 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 : E11-117-S2

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879019

Reviewed By / Date :

Approved By / Date :

Analyte Name Analysis Method : 8270D	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res Diluti	Overall Qual* on: 1	Temp	нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV CCV
Phenanthrene	337		ug/Kg	U	YES	:				1							}			1
Phenol	337		ug/Kg	U	YES	:									]					
Pyrene	337		ug/Kg	U	YES										1 !					

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2 Report Date: 9/6/2011 08:22

\* 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: E11-117-S3

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date : 07/14/2011 Lab Sample ID: 31101879020 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	i.ab Quai		Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 6010C					Ditutio	on: 1														
Arsenic	4.16		mg/kg		YES	J			1		]	J	1		1 1					
Barium	49.7		mg/kg		YES	j					į	J	1	İ	1			******		Ī
Cadmium	0.555		mg/kg		YES	UJ			υ	ĺ		J		1	1				1	
Chromium	6.35		mg/kg		YES					]		Ì		;					]	
Lead	12.7	:	mg/kg		YES	J						J							1	1
Selenium	0.597		mg/kg	J	YES										}					1
Silver	0,310		mg/kg	J	YES	Ų			U				1							1
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0.00380		mg/kg	J	YES	Ü			U	1			1	l					<u> </u>	
Analysis Method : 8081					Ditutio	n:1														
4,4'-DDD	10.4	į	ug/Kg	U	YES							<u> </u>							<u> </u>	<u> </u>
4,4'-DDD	10.4		ug/Kg	U	YES	<u> </u>						<u> </u>			1 1		<u> </u>		<u> </u>	1
4,4'-DDE	10.4	į	ug/Kg	U	YES					l					1				1	<u> </u>
4,4'-DDE	10.4		ug/Kg	υ	YES :							[	<u>                                     </u>		<u> </u>		1			<u> </u>
4,4'-DDT	0.666		ug/Kg	JP :	YES	U			U	!					l				l	<u>                                     </u>
4,4'-DDT	0.000		ид/Кд	JP	YES	U		]	U				[		<u>l                                     </u>		!		1	ļ
Aldrin	10.4		ug/Kg	U	YES										li					l
Aldrin	10.4		ug/Kg	υ	YES										1					
alpha-BHC	10.4		ug/Kg	U	YES										l					ļ
elphe-BHC	10.4	1	ug/Kg	U	YES										l					ļ
alpha-Chlordane	10.4	;	ug/Kg	U	YES		١	l		ł					!	I	-			ļ
alpha-Chlordane	10.4	1	uq/Kq	U	YES		ı	I		!						ŀ	1			1
bela-BHC	10.4	į	ug/Kg	U	YES		-	ſ	١	)	l					1	į			1
bela-BHC	10.4		ug/Kg	U	YES	ļ		1			1					I				1
Chlordane	34.7	:	ug/Kg	U ;	YES :	1	1	- 1			1		ļ.,			1	}		l	1
Chlordane	34.7	:	ug/Kg	Ų	YES		1	1	1				1			ı			· · · · · ·	ı
della-BHC	10.4		оу/Ку	U	YES :			1		1			1			· · · · · · · · · · · · · · · · · · ·	ì			1

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

Client Sample ID : E11-117-S3

Sample Date: 07/14/2011 Lab Sample ID: 31101879020 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overali Qual*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8081					Diluti													'		
delta-BHC	10.4	1	ug/Kg	U	YES		! I		l	1	}		ĺ	1						
Dieldrin	10.4		ug/Kg	U	YES		!! !		/ 	<u>:</u> 	<u></u> 	i I	: 	:	1				/ 	i 
Dieldrin	10.4		ug/Kg	U	YES		:! 		 	: 	<u>:-</u> 	} 	i		1		i			i 
Endosulfan I	10.4	[	ug/Kg	U	YES	:			`` 	 	 	` 	: 		1		l			i
Endosulfan I	10.4		ug/Kg	U	YES		Ì		: 	/	1	`	!		1 1					i
Endosulfan II	10.4		ug/Kg	บ	YES				` 		1				1	- • • • • • • • • • • • • • • • • • • •				1
Endosulfan II	10.4		ug/Kg	U	YES	:			 		: }	` 			1					
Endosulfan sulfate	10.4		ug/Kg	U	YES				` 	i			1		1					i
Endosulfan sulfate	10.4	[	ug/Kg	υ	YES				:	i					1					1
Endrin	10.4		ug/Kg	υ	YES		ii			i 					i i					1
Endrin	10.4		ug/Kg	U	YES		1		 	f					1					1
Endrin aldehyde	10.4		ug/Kg	U	YES				i											
Endrin aldehyde	10.4		ug/Kg	U	YES					 					1				,	1
Endrin ketone	10.4		ug/Kg	U	YES		i						,		1		[			ĺ
Endrin ketone	10.4		ид/Кд	U	YES		i								İ					1
gamma-BHC (Lindane)	10.4		ug/Kg	U	YES		i								1					1
gamma-BHC (Lindane)	10.4		ug/Kg	U	YES		1								1					1
gamma-Chlordane	10.4		ug/Kg	IJ	YES		1	· · · · · · · · · · · · · · · · · · ·									1			1
gamma-Chlordane	10.4		ug/Kg	U	YES		·····i								1		}			1
Heptachlor	10,4		ид/Кд	U	YES		I	········							1					1
Heptachior	10.4		ug/Kg	U	YES	]	I													/
Heptachlor epoxide	10,4		ug/Kg	υ	YES	1	1											1		
Heptachlor epoxide	10.4		ug/Kg	U	YES	······i		1											.,,,,,,,	
Mattagays blog	10 4	Ì	ug/ICg	u	YEN		1	1	 											
Melhoxychlor	10.4		ug/Kg	U	YES	1	1	1	 		]	· · · ·	]				1	I		
Toxaphene	34.7	·····	ug/Ku	U	YE\$		1	·····				1			1	i	1			

Project Number and Name:

11-032F - 11-032F Carroll Agent Orange

Library Used: Ca

CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:22

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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: E11-117-S3

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879020 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overa Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis		Tune	1C	ICV	CCA
Analysis Method : 8081					Diluti	on: 1														
Toxaphene	34.7		ug/Kg	U	YES				1				1	İ	1				1	1
Analysis Method : 8151					Diluti	on:1														
2,4,5-T	0.0169		mg/kg	U	YES		j		1	1	1	l		<u> </u>			1		1	1
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES	UJ	-		1	1	IJ						1		1	1
2,4'-D	0.0169		mg/kg	υ	YES	UJ	1				UJ	1	1	1	1 :				1	1
2,4-DB	0.0169	;	mg/kg	U	YES	}				1		1	1	1						1
Dicamba	0.0169	;	mg/kg	U	YES		1		1	1	ł		1		l i					1
Analysis Method : 8260B					Diluti	on: 1														
1,1,1,2-Telrachloroethane	4.37		ug/Kg	V	YES		1		1						li		]		]	1
1,1,1-Trichloroelhane	4.37		ug/Kg	υ	YES		i		<u> </u>	<u> </u>			<u> </u>	ļ	<u>                                     </u>				1	1
1,1,2,2-Tetrachloroethane	4.37		ug/Kg	U	YES				<u> </u>			<u> </u>	1	1					1	1
1,1,2-Trichloroethane	4.37		ug/Kg	U	YES		1						l	ļ	<b>I</b>				J	ļ
1,1-Dichloroethane	4.37		ид/Кд	υ	YES														[	1
1,1-Dichloroethene	4.37		ug/Kg	ย	YES		l						[	İ	[				1	l
1,1-Dichloropropene	4.37		ug/Kg	U	YES		. [			l			1	l	1				J	
1,2,3-Trichlorobenzene	4.37		ug/Kg	Ų	YES		1										I		1	ļ
1,2,3-Trichloropropane	4.37		ug/Kg	υ	YES		i 1									1				1
1,2,4-Trichlorobenzene	4.37		ug/Kg	U	YES							ĺ					1			
1,2,4-Trimelhylbenzene	4.37		ug/Kg	U	YES										1		ì			
1,2-Dibromo-3-chloropropane	26.2	Ĭ	ид/Кд	U	YES		1	,							3		Ï		1	
1,2-Dibromoethane	4.37	Ì	ug/Kg	U	YES		1											•••••	1	
1,2-Dichlorobenzene	4.37	į	ug/Kg	U	YES		1	1												
1,2-Dichloroethane	4.37	1	ug/Kg	U	YES												1		]	1
1,2-Dichloropropane	4.37	ï	ug/Kg	U	YES												Ì			1
1,3,5-Trimethylbenzene	4.37	:	ug/Kg	υ	YLU		[										!			1
1,3-Dichlorobenzene	4.37		ug/Kg	U	YES		1	1				- 1				1				ĺ
1.3 Dichloropropano	1.37		ug/Y.g	V	YES			.,,,,	ı							1	I		l	

Project Number and Name:

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Library Used: CampCarroll

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ADR 8.2 Report Date: 9/6/2011 08:22 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: E11-117-S3

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879020 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	£ab Dup	Surr		Moist Tot/Dis		Tune	IC	icv	CCV
Analysis Method : 8260B					Dilutio				'!!!											
1,4-Dichlorobenzene	4.37	1	ug/Kg	វេ	YES					1		1	l	l	1				1	1
2,2-Dichloropropane	4.37		ug/Kg	U	YES										1				1	
2-Bulanone	6.80		ug/Kg	J	YES	J				]			J						l	
2-Chlorotoluene	4.37		ug/Kg	υ	YES		I						1							1
2-Hexanone	10.9		ug/Kg	U	YES							1	<u> </u>				1		 	1
4-Chlorololuene	4.37		ид/Кд	U	YES	l						!		(			1		1	1
4-Isopropyltoluene	4.37		ug/Kg	U	YES				i			[					[		l	
4-Methyt-2-pentanone	10.9		ug/Kg	U	YES							[							i	
Acelone	47.9	1 1	ug/Kg		YES	J	i						J						i	
Benzene	4.37	1	ug/Kg	ย	YES		1					i							 	[
Bromobenzene	4,37		ug/Kg	U	YES	i	1													Ī
Bromochloromelhane	4.37		ug/Kg	V	YES		1													
Bromodichloromethane	4.37		ug/Kg	U	YES														1	1
Bromoform	4.37	;	ug/Kg	U	YES															]
Bromomelhane	4.37		ug/Kg	υ	YES	1	1			i i					1		1			1
Carbon disulfide	4.37		ug/Kg	υ	YES		····								l		1			1
Carbon tetrachloride	4,37		ug/Kg	ט	YES	-	J										1			1
Chlorobenzene	4.37	i	ug/Kg	υ	YES ?								ļ			1				l
Chloroethane	4.37		ug/Kg	U	YES	1	Ī								]	1	1			i
Chloroform	4.37		ug/Kg	Ų ;	YES	1	1								1					
Chloromethane	4.37	ì	ug/Kg	U	YES		1	1							1					1
cis-1,2-Dichloroethene	4.37	i	ug/Kg	U	YES ;		1					1					1		1	1
cis-1,3-Dichloropropene	4.37	;	ug/Kg	U	YES		1	١								1	į			i
Dilacmos libromediane	4 37		πij/Kij	11 [	YCO :	1							ļ			1			· · · · · ·	1
Dibromomethane	4.37	Ì	ug/Kg	U ;	YES	}	1	1					1			ı				i
Dichlorodifluoromethane	4.37	1	ug/Kg	Ų	YES		1	1	1				1							

Project Number and Name:

ADR 8.2

11-032F - 11-032F Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:22 \* Overall result qualifier reflects summalion of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review Page 63 of 353

Client Sample ID : E11-117-S3

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879020

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :							1.1.		, .	Date:										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*		нт	мв	LCS	мѕ	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8260B					Diluti	on: 1														
Ethyl Benzene	4.37		ug/Kg	U	YES	!			1	1	1	l		1	1			Į	1	ī
Hexachlorobuladiene	4.37		ug/Kg	U	YES	:							İ	i	1		1	1		
Isopropylbenzene (Cumene)	4.37		ug/Kg	U	YES						ĺ		1		1			[	1	1
m.p-Xylene	8.74		ug/Kg	Ų	YES								ĺ	]			]		1	1
Methyl iodide	4.37		ug/Kg	U	YES				}				l				1			1
Methylene chloride	1.22		ug/Kg	J	YES	บม			U			{	J	 	1					
Naphthalene	4.37		ид/Кд	U	YES								<u></u>		1				 	1
n-Butylbenzene	4.37		ug/Kg	U	YES		1								i	*****	1			1
n-Propylbenzene	4.37		ug/Kg	U	YES		1			1				1	i i					1
o-Xylene	4.37		ug/Kg	U	YES	i	1			1				]			1			1
sec-Butylbenzene	4.37		ug/Kg	ប	YES		1							(						Ī
Slyrene	4.37	i	ug/Kg	U	YES	1	i			1	,						[			Ī
tert-Butyl methyl ether (MTBE)	4.37		ug/Kg	υ	YES					1	:				l i		1			1
tert-Butylbenzene	4.37		ug/Kg	U	YES		1				Į į				[					
Tetrachloroethene	52.8		ug/Kg		YES	J	1	I			,		J						1	1
Toluene	4.37		ug/Kg	υ	YES	İ				1					<b>l</b> i					Ì
trans-1,2-Dichtoroethene	4.37	:	ug/Kg	U	YES			1							1					l
trans-1,3-Dichloropropene	4.37		ug/Kg	U	YES	Į	1	1												1
trans-1,4-Dichloro-2-butene	21.8		ug/Kg	U	YES	1		1			l l						1			
Trichloroelhene	4.37	:	ug/Kg	U	YES		1	1									1			1
Trichtorofluoromethane	4.37		ug/Kg	U	YES	·	1	1												1
Vinyl chloride	4.37		ug/Kg	U	YES	1	1	1					1		l					
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	345	i	ug/Kg	U	YES		1	j		j			·····		1					
1,2-Dichlemberzene	กษาก		ng/Kg	11	YES		1	1	1			ĺ		1		1				
1,3-Dichlorobenzene	345		ug/Kg	U	YES	1	1	1	1		1		1			1				1
I.4-Dichlorobenzene	345	:	ug/Kg	U	YES		I	1				1	}	i		i	i			

ADR 8.2

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

Library Used: CampCarroli

Report Date: 9/6/2011 08:22

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

Client Sample ID: E11-117-S3

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879020

Sample Matrix :

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quai*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ICV	CCV
Analysis Method : 8270D	~~~				Diluti	on: 1														
2,4,5-Trichlorophenol	345		ug/Kg	U	YES	:			1	<u> </u>	1 1									I
2,4,6-Trichlorophenol	345		ид/Кд	U	YES							•••••			1		1			1
2,4-Dichlorophenol	345		ug/Kg	U	YES				]	 			1		l i		1			I
2,4-Dimethylphenol	345		ug/Kg	v	YES					1				.,,	i i	.,	i			1
2,4-Dinitrololuene	345		ug/Kg	υ	YES	;									[		l			I
2,6-Dinitrololuene	345		ug/Kg	U	YES			[			i i				1					Ī
2-Chioronaphthalene	345		ug/Kg	U	YES										I i				i	I
2-Chlorophenol	345		ug/Kg	V	YES				İ	ĺ					1				1	I
2-Methylnaphthalene	345		ид/Кд	Ų	YES										i i				 	Ī
2-Melhylphenol	345		ug/Kg	U	YES						1					**				l
2-Nitroaniline	345		ug/Kg	U	YES										1	**			1	I
2-Nilrophenol	345		ug/Kg	υ	YES		1		1						l				1	l
3 and/or 4-Methy/phenol	345		ug/Kg	u	YES						i									1
3-Nitroaniline	345		ид/Кд	U	YES		1								1					I
4-Bromophenyl phenyl elher	345		ug/Kg	υ	YES	1	1					]	1							Ì
4-Chioro-3-methylphenol	345	ĺ	ug/Kg	IJ	YES						1	1	[							l
4-Chloroaniline	345		ug/Kg	U	YES		1				}	I			ı					1
4-Chlorophenyl phenyl ether	345		ug/Kg	U	YES		1					1	1		- 1		]			1
4-Nitroaniline	345	;	ug/Kg	U	YES	,	1	1					1			I	[			1
4-Nitrophenol	345		ug/Kg	Ų	YES		1				1	Ï								1
Acenaphlhene	345		ug/Kg	U	YES		1			1	1	1				1				1
Acenaphthylene	345	:	ид/Кд	U	YES	1	i	1		)	1	I					!			
Anthracene	345		ug/Kg	u į	YES		1	1	1				1	- 1	1	ŀ			· · · · · · ·	1
Benzo(a)anthracene	345	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES		i	1	1					·i		· · · · · · · · · · · · · · · · · · ·				1
Benzo(a)pyrene	345		ug/Kg	υį	YES							ì				1				1
Benzo(b)fluoranthene	345	1	ug/Kg	U	YES		1	1		1		1			1	·····ì	i i			l

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

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Report Date: 9/6/2011 08:22

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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 : E11-117-S3

Sample Date : 07/14/2011 Lab Sample ID: 31101879020 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quaf	Rep Res	Overall Qual*		нт	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ICV	CCV
Analysis Method : 8270D					Dilutio	on: 1														
Benzo(g,h,i)perylene	345		ug/Kg	U	YES										1					1
Benzo(k)fluoranlhene	345		ug/Kg	U	YES								[				1			
Bis(2-Chloroethoxy)methane	345		ug/Kg	U	YES		!			1				1						
Bis(2-Chloroethyl)ether	345		ug/Kg	U	YES					1					1				1	1
Bis(2-Chloroisopropyl)ether	345		ug/Kg	U	YES				[						1					1
Bis(2-Ethylhexyl)phthalate	345		ug/Kg	U	YES								 		1				l	1
Butyl benzyl philhalate	345		ug/Kg	Ų	YES					ſ						,,,,,,,,	1			ĺ
Chrysene	345		ug/Kg	Ų	YES															1
Dibenz(a,h)anthracene	345		ug/Kg	Ų	YES															
Dibenzofuran	345		ug/Kg	U	YES					1										
Diethyl phthalate	345		ug/Kg	U	YES										1				1	1
Dimethyl phthalate	345		ug/Kg	U	YES					[					! :					
Di-n-butyl phthalate	345	;	ug/Kg	U	YES		Ï	/												
Oi-n-octyl phthalate	345		ug/Kg	υ	YES		]								i i					
Fluoranthene	345		ug/Kg	U	YES		1				1				1			,		1
Fluorene	345	-	ug/Kg	U	YES		1	1		,										1
Hexachlorobenzene	345	;	ug/Kg	U	YES		1			i					1					l
Hexachlorobutadiene	345		ug/Kg	U	YES	1				I	1									1
Hexachlorocyclopentadiene	345	i	ug/Kg	υ	YES	i	1		1			1	1				1			
Hexachloroethane	345		ug/Kg	υ	YES		]			1	1	1								1
Іппело(1,2,3-са)ругеле	345	i	ug/Kg	U	YES	ļ	1			1	ì	1			1					1
sophorone	345	:	ug/Kg	U	YES:	1		1		1	}				1					1
Naphthalene	345	;	ид/Кд	υ	YES	1	1	1	1											1
Nitrobenzene	345	i	ug/Kg	11	YEG		1		1			]	1				i			
n-Nitrosodi-n-propylamine	345	;	ug/Kg	U	YES				١	1	1	1	1		i i	i	}			1
Pentachlorophenol	345	:	иц/Кц	Ų :	YES	I	1	I	1	1	1	1	}			·	1		1	1

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 08:22

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<sup>•</sup> 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: E11-117-S3

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/14/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879020

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty I Error	Result Units	Lab Quai	Rep Res	Overall Qual*	Тетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	icv	CCA CA1
Analysis Method : 8270D					Diluti	on: 1														
Phenanthrene	345		ug/Kg	U	YES				1							:	1 :			
Phenol	345		ug/Kg	U	YES		1					1			1				1	
Pyrene	345	1	ug/Kg	Ų	YES	: I			1		1									1

Project Number and Name:

11-032E - 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

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Client Sample ID : E11-117-S4

Sample Date : 07/14/2011 Lab Sample ID: 31101879021 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Reviewed By / Date :							App	rove	By /	Date:	:									
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	l Temp	нт	MB	LCS	Ms	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 6010C					Diluti	on: 1														
Arsenic	1.20	) ;	mg/kg		YES	J	-		1	1		J	1	Ì		-				1
Barium	71.2		mg/kg		YES	J						J					1		1	1
Cadmium	0.533		mg/kg	J	YES	UJ			ļυ	l	i	J			1					1
Chromium	5.16		mg/kg		YES		1			l	1				1			ļ		
Lead	7.48	į	mg/kg		YES	J	•					J		ļ				}	1	1
Selenium	2.23	į	mg/kg	Ü	YES				1			1	1	]					[	
Silver	0.323		mg/kg	J	YES	U			Įυ			}	1							[
Analysis Method : 7471B	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Dilutio	on: 1				********										
Mercury	0.00303	:	mg/kg	j	YES	ีย			U	1	1		1	1	1		1		1	1
Analysis Method : 8081					Dilutio	on: 1														
4,4'-DDD	10.6		ug/Kg	U	YES		11		1	1	!	]	!	]	f}		1	<u> </u>	<u> </u>	<u> </u>
4,4'-DDE	10.6	<u>;</u>	ug/Kg	U	YES		<u> </u>		<u> </u>	1	<u> </u>	<u> </u>	Ĺ	L	li		1	Ĺ	1	[
4,4'-DDT	10.6	<u>;</u>	ug/Kg	υ	YES		l		[	l	J	l	1				1		1	
Aldrin	10.6		ug/Kg	U	YES		í I			1				1	[ ]			1		1
alpha-8HC	10.6		ug/Kg	U	YES		11		Ī					}	}		1		]	1
alpha-Chlordane	10.6	1	ug/Kg	U	YES		1				1				1 1		1			
beta-BHC	10.6		ug/Kg	υ	YES		! <b>i</b>				}				l			ĺ	1	
Chlordane	35.2		ug/Kg	u	YES									1				l	]	1
delta-BHC	10,6		ug/Kg	U	YES										1				1	1
Dieldrin	10,6		ug/Kg	V	YES										}				1	
Endosulfan I	10.6	;	ug/Kg	U	YES		1								1					
Endosulfan II	10.G		ug/Kg	U	YEC		1		· · · · · · · · · · · · · · · · · · ·						ı			,	1	{
Endosulfan sulfate	10.6	: : : : : : : : : : : : : : : : : : :	ug/Kg	U	YES			1											1	1
Endrin	10.6		110/K0	1)	YES			i											1	1
Endrin aldehyde	10.6		ug/Kg	υ	YES										]				]	l
Endrin ketone	10.6		ug/Kg	U	YES			1							İ			}		
gamma-BHC (Lindane)	10.6		ug/Kg	U	YES										[					

Project Number and Name:

ADR 8.2

11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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

Client Sample ID : E11-117-S4

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879021 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Reviewed by / Date :	• • • • • • • • • • • • • • • • • • • •						App	rovec	ı ey /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	icv	CCV
Analysis Method : 8081					Dilutio	on: 1				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										
gamma-Chlordane	10.6		ug/Kg	υ	YES		i				1		Ī	Ī		i				Ī
Heptachior	10.6		ug/Kg	IJ	YES			1	1				1		1					
Heptachlor epoxide	10.6		ug/Kg	Ü	YES			I		1			1	i	1				1	1
Methoxychlor	10.6		ug/Kg	U	YES					1		}			1				1	1
Toxaphene	35.2		ug/Kg	Ų	YES												[		[	
Analysis Method : 8151					Dilutio	n: 1														1
2,4,5-T	0.0179	1	mg/kg	U	YES			!	1					Ì	1		1		1	
2,4,5-TP (Silvex)	0.0179		mg/kg	U	YES	ŲJ		]			ប្រ		1	[	1		1		1	1
2,4'-D	0.0179		mg/kg	υ	YES	UJ			1	l	UJ	 			1		i		1	
2,4-D8	0.0179	: ;	mg/kg	U	YES						}		]		1					
Dicamba	0.0179		mg/kg	U	YES							]	1	1					1	
Analysis Method : 8260B					Dilutio	n: 1								*******						
1,1,1,2-Tetrachloroethane	4.64	)	ug/Kg	Û	YES :		Ï				ì	İ			F					
1,1,1-Trichloroethane	4.64		ug/Kg	U	YES							!			1		!		1	]
1,1,2,2-Tetrachtoroethane	4.64		ug/Kg	Ų	YES							[			1				1	
1,1,2-Trichioroethane	4.64		ug/Kg	υ	YES		1						[		l				1	1
1,1-Dichloroethane	4.64		ug/Kg	U	YES		1												1	i
1,1-Dichloroethene	4.64		ug/Kg	U	YES										ļ į					1
1,1-Dichloropropene	4.64		ug/Kg	U	YES												,			
1,2,3-Trichlorobenzene	4.64	;	цу/Ку	U	YES		1						[							
1,2,3-Trichloropropane	4.64		ug/Kg	U	YES		1	اا		i	i					I				i
1,2,4-Trichlorobenzene	4.64	i	iig/Kg	u į	YFS		-												[	· · · · · · · · · · · · · · · · · · ·
1,2,4-Trimethylbenzene	4.64	;	ug/Kg	υ	YES	i	1	1		, ,	·····						1			
1,2-Dibromo-3-chloropropane	27.8	:	ug/Kg	U	YES		1	1		i				· · · · · · ·						1
1,2-Dibromoethane	4.64	·····	ид/Кд	U	YES	ļ		I	1		1		1				1			
1,2-Dichlorobenzene	4.64		ug/Kg	υ	YES				1		j	i	1	i	i		i			}
,2-Dichloroetnane	4.64	·····	ug/Kg	υ	YES :		1	1	1	1				·			······································			
***************************************			<i></i>																	

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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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 : E11-117-S4

Sample Date: 07/14/2011 Lab Sample ID: 31101879021 Lab Report Batch: 31101879

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*		нт	MB	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8260B		***************************************			Dilutio	n: 1														
1,2-Dichforopropane	4.64		ug/Kg	U	YES				Ì			1		1					1	
1,3,5-Trimethylbenzene	4.64		ug/Kg	U	YES								 	1				*******		1
1,3-Dichlorobenzene	4.64	i	ид/Кд	υ	YES								l	 	1					1
1,3-Oichloropropane	4.64		ug/Kg	U	YES							1				*******				ĺ
1,4-Dichlorobenzene	4.64		ug/Kg	U	YES			-									1		1	
2,2-Dichloropropane	4.64		ug/Kg	U	YES									1			1			
2-Butanone	5.54		ug/Kg	J	YES	j							J							
2-Chlorotoluene	4.64		ug/Kg	บ	YES															l
2-Hexanone	11.6		ug/Kg	U	YES															]
4-Chlorotoluene	4.64		ид/Кд	U	YES												į		1	
4-isopropylloluene	4.64		ug/Kg	υ	YES			١					.,,,,,,,,,				i			1
4-Methyl-2-pentanone	11.6	;	ug/Kg	U	YES					l j	Į				Ì					1
Acetone	33.6	<u>i</u>	ug/Kg	J	YES	J		1	]	}	j		J				}		1	
Benzene	4.64		ug/Kg	υ	YES			. 1	1				Í				. 1		l	
Bromobenzene	4.64	1	ug/Kg	U	YES				]						ĺ		.			
Bromochloromethane	4.64	;	ug/Kg	U	YES						j									i
Bromodichloromethane	4,64	Ĭ	ug/Kg	U	YES		1	]		1	f		}				1			i
Bromoform	4.64		ug/Kg	U	YES		1	1	1	1			i				1			1
Bromomethane	4.64		ug/Kg	U	YES	1	1	1	1	i	Į	Ī	1			1				
Carbon disulfide	4.64		ид/Кд	U	YES	f	1	1			į	1	1	Į		1				1
Carbon tetrachloride	4.64		ug/Kg	Ų	YES	i	1	1	1	{		1	1			1				
Chlorobenzene	4.64	i	ug/Kg	U	YES	į	1		l	i		1	1			1	1			
Chloroethane	4.64	i	ug/Kg	U	YES	1		ſ		J			. [	1	1	]	ì			
Obtacolocos	4 04	ĺ	นถูกั<บ	11	YES		1	I			2	1		١	ı	1			1	
Chloromethane	4.64		ug/Kg	v	YES		1	1	1	1	ĺ	1	ļ	I		١				
cls-1,2-Dichloroethene	4,84	1	uo/Ka	U	YES	ı	1	1		ì		1	1	1	1	1	1			

Project Number and Name:

ADR 8.2

11-032E - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

Report Date: 9/6/2011 08:22 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 70 of 353

Client Sample ID : E11-117-S4

Lab Report Batch: 31101879

Lab ID ; SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879021 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		Tune	1C	ICV	CCV CCV
Analysis Method : 8260B					Difutio	on: 1												***************************************		
cis-1,3-Dichtoropropene	4,64		ug/Kg	U	YES				ļ	1		]	1	2	1		<u> </u>			
Dibromochloromethane	4.64		ug/Kg	U	YES		1			1	ļ	]		(	1		1		[	1
Dibromomethane	4.64		ug/Kg	Ü	YES				 		1			]	1				i	
Dichlorodifluoromethane	4.64		ug/Kg	U	YES		i i								1				i I	i
Ethyl Benzene	4.64		ug/Kg	υ	YES		[					[			I 1				[	i
Hexachlorobuladiene	4.64		ug/Kg	U	YES									.,,,,,,,,					i	: 
Isopropylbenzene (Cumene)	4.64		ug/Kg	V	YES										1 i			******	 	i
m,p-Xylene	9.27		ug/Kg	U	YES		1								i		1			i
Methyl iodide	4.64		ug/Kg	υ	YES										1				``	i
Methylene chloride	1.44		ug/Kg	J	YES	IJ	1		υļ				J		[					1
Naphthalene	4.64	İ	ug/Kg	U	YES			ſ												1
n-Bulylbenzene	4.64	-	ug/Kg	U	YES	ļ	1	1		í					1	]				1
n-Propylbenzene	4.64		ug/Kg	υ	YES	ì	Ī	1	1		·····	1			1	1	1			
o-Xylene	4.64	j	ug/Kg	U	YES	ĺ		1							1					
sec-Butylbenzene	4.64	i	ug/Kg	U	YES ;	}		1	1			1	1			1				,
Styrene	4.64		ug/Kg	U	YES			Î	i	1	1	1		· · · · · · · · ·			1	· · · · · · · · · · · · · · · · · · ·	i	
tert-Butyl methyl ether (MTBE)	4.64	;	ug/Kg	u ;	YES	i	1	1	1	)	1	1			i 1		1		······	
tert-Bulyfbenzene	4.64		ug/Kg	U	YES		1	1	1	]					ì	1			···········.	
Tetrachloroethene	1.69	1	ug/Kg	J	YES	J	1	1	ı		1	Î	J	1		i	1		······ ]	
Toluene	4.64		ug/Kg	υ	YES		ī	1	1	ì		i				i	······		·····i	
trans-1,2-Dichloroethene	4.64		ug/Kg	U	YES	1	!		1	ĺ		1				·····:	· · · · · · · · · · · · · · · · · · ·	····		1
trans-1,3-Dichloropropene	4.64		ug/Kg	U	YES	1	1	1	j		1	1	1	1		1		1		
trans-1,4-Dichloro-2-butene	23.2	;	ug/Kg	U	YES	}	1	1	1	ı	1	1			1		· · · · · · · · · · · · · · · · · · ·		·····i	
Trichloroethene	4.64		ug/Kg	υ	YES		1	1	1								·	·/		 
Trichlorofluoromethans	4 04	}	ոց/Кց	u i	YES:	1	1	1	1		1	1	1	· · · · · · · · ·		i	······	i		i
Vinyl chloride	4.64		ug/Kg	U	YES :	1		Ì	Î	1	1	i				ì		ì	· · · · · · · · · · · · · · · · · · ·	
Analysis Melhod : 8270D					Muthor	1.1														'

ADR 8.2

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

Library Used:

Report Date: 9/6/2011 00:22

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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 : E11-117-S4

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/14/2011 Lab Sample ID: 31101879021 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overalf Qual*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	tCV	CCV
Analysis Method : 8270D				.,,	Diluti	on: 1	**********					************								
1,2,4-Trichlorobenzene	361		ug/Kg	U	YES				1	1		1		{			1		1	1
1,2-Dichtorobenzene	361		ug/Kg	Ų	YES				1			1	İ					!	l	1
1,3-Dichlorobenzene	361		ug/Kg	U	YES			[	1	1	1				1				1	1
1,4-Dichlorobenzene	361		ug/Kg	υ	YES	1			1						l i					
2,4,5-Trichlorophenol	361		ug/Kg	U	YES	1			1	1		]							1	1
2,4,6-Trichlorophenol	361		ug/Kg	U	YES	1											1		]	1
2,4-Dichlorophenol	361		ug/Kg	U	YES						}					*			}	1
2,4-Dimethylphenol	361		ug/Kg	U	YES	I			1						]					I
2,4-Dinitrololuene	361		ug/Kg	υ	YES		1													1
2,6-Dinitrotoluene	361		ug/Kg	U	YES	1	1			1		i i								[
2-Chioronaphthalene	361	;	ug/Kg	U	YES	1			[								[		Ĭ	1
2-Chlorophenol	361	;	ug/Kg	U	YES	ļ			1											1
2-Methylnaphthalene	361		ug/Kg	U	YES	ĺ									l					1
2-Methylphenol	361		ug/Kg	U	YES		1						Ì		ĺ				1	1
2-Nitroaniline	361		ug/Kg	υ	YES		1												1	i
2-Nitrophenol	361		ug/Kg	U	YES								İ		}		ĺ		ĺ	l
3 and/or 4-Methylphenol	361	i i	ug/Kg	U	YES	3	1										,		1	1
3-Nitroaniline	361		ug/Kg	U	YES							J	1			1				1
4-Bromophenyl phenyl ether	361	i i	ug/Kg	υ	YES	1	1				1				İ					1
4-Chloro-3-methylphenol	361		ug/Kg	U	YES	1	1					1	1		1		}		ļ	l
4-Chloroaniline	361		ug/Kg	U	YES	1	1				İ	1	1				ĺ			
4-Chlorophenyl phenyl ether	361	i	ug/Kg	U	YES		1				1	1	1	1			I		1	1
4-Nitroaniline	361	1	ug/Kg	υ	YES					- 1	1	1				- 1	I		i	
4-Mitrophenol	301		ag/Kg	U	YES		1			}		1				ı	I			
Acenaphthene	361	;	ug/Kg	U	YES	Ī	1			1		1			}	١	]			1
Acenaphihylene	361	l i	ug/Kg	IJ	YES		-				1	1	1	1		1	1		l	1

Project Number and Name:

11-032F - 11-032F Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 08:22

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

Client Sample ID : E11-117-S4

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/14/2011 Lab Sample ID: 31101879021 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*	Temp	HT	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8270D					Dilutio															
Anthracene	361		ug/Kg	υ	YES				[		<u> </u>		l	Í	]		1	*********	1	1
Benzo(a)anthracene	361		ug/Kg	U	YES				1		}				i i		1		 	
Benzo(a)pyrene	361		ug/Kg	U	YES												!			
Benzo(b)fluoranthene	361		ug/Kg	U	YES					1										1
Benzo(g,h,i)perylene	361		ug/Kg	U	YES															l
Benzo(k)fluoranthene	361	;	ug/Kg	U	YES		]												1	1
Bis(2-Chloroethoxy)methane	361	:	ug/Kg	U	YES		]												1	[
Bis(2-Chloroethyl)ether	361		ug/Kg	Ų	YES	ļ	1													1
Bis(2-Chloroisopropyl)ether	361		ug/Kg	υ	YES	į											1			1
Bis(2-Ethylhexyl)phthalate	361		ug/Kg	ប	YES		1													
Butyl benzyl phihalale	361		ug/Kg	U	YES															
Chrysene	361	i	ug/Kg	υ	YES	-	1								ļ					1
Dibenz(a,h)anthracene	361	į	ug/Kg	ម	YES			]							1		)			Ī
Dibenzofuran	361	<u> </u>	ug/Kg	U	YES						ĺ									1
Diethyl phthalate	361	ii	ug/Kg	U	YES								J							ĺ
Dimethyl phthalate	361		ug/Kg	U	YES	1	- 1	l					.		İ					1
Di-n-bulyl phthalate	361		ug/Kg	υ	YES		1	1	- 1	l			}		Į		1			1
Oi-n-octyl phthalate	361	i	ug/Kg	U	YES			1					Ì				1			İ
Fluoranlhene	361	;	ug/Kg	V	YES		1	1			1	1	İ		-					
Fluorene	361	i	ug/Kg	V	YES	!	- 1	l	1	J		1							ļ ļ	[
Hexachiorobenzene	361		ug/Kg	ប	YES			1							i	1	Ţ			1
Hexachlorobuladiene	361		ug/Kg	u	YES :		1	1				!	)				1			1
Hexachlorocyclopentadiene	361		ug/Kg	υ	YES		1	1	J	1				1						1
Hexachloroethane	301	i	ag/Kg	0 [	YES				1											
Indeno(1,2,3-cd)pyrene	361		ug/Kg	υ	YES			1,					]			1				
Isophorone	361		ug/Kg	u	YES		1	- 1		1	1	1	)	1	į		1	1		1

Project Number and Name:

11-032F - 11-032F Carroll Agent Orange

Library Used:

CampCarroll

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Report Date: 9/6/2011 08:22 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 73 of 353

Client Sample ID: E11-117-S4

Sample Date: 07/14/2011 Lab Sample ID: 31101879021 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID: SGSW

Sample Matrix: SO

Reviewed By / Date :							Арр	rove	i By /	Date:	:									
Analyte Name	Result	Uncertainty I 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	CC/
Analysis Method : 8270D					Diluti	on: 1	•••••													
Naphthalene	361		ug/Kg	U	YES	:								]	!				1	1
Nitrobenzene	361		ug/Kg	U	YES	:	(		1	1		i		1			1		1	1
n-Nitrosodi-n-propylamine	361		ug/Kg	ប	YES			1	l				l	Ì	1				Ì	
Pentachlorophenol	361		ug/Kg	U	YES	:		l	1				l		1					
Phenanthrene	361		ug/Kg	U	YES	:		l		l	1		l		1		1			
Phenol	361		ug/Kg	U	YES				1				}							
Pyrene	361	[	ид/Кд	U	YÉS						1								1	

Project Number and Name:

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Library Used: CampCarroll

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Overal) 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 : E11-120-S1

Sample Date : 07/15/2011 Lab Sample ID: 31101879039 Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Reviewed By / Date:

#### Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Quai*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	łC	fCV	CCV
Analysis Method : 6010C			·····		Dilutio	on: 1														
Arsenic	1.73		mg/kg		YES						į			1	1 1		1		1	1
Barium	136		mg/kg		YES					1									1	1
Cadmium	0.737		mg/kg		YES					1									1	1
Chromium	16.7	}	mg/kg		YES				1	1					1 1				1	1
Lead	10.5		mg/kg		YES	J						J								
Selenium	2.20		mg/kg	υ	YES									l	1					
Silver	1.10		mg/kg	ប	YES														1	
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0.0201		mg/kg	U	YES					]					l				<u> </u>	1
Analysis Method : 8081					Dilutio	n:1														
4,4'-DDD	10.6		ug/Kg	υţ	YES	!			l				<u> </u>		1		1		1	1
4,4'-DDE	10,6		ug/Kg	υ	YES				<u> </u>						<u>Ii</u>		]		<u> </u>	<u> </u>
4,4'-DDT	10.6		ug/Kg	υ	YES					<b>.</b>					[]		<u>                                     </u>		J	1
Aldrin	10.6	<u> </u>	ug/Kg	υ	YES	1				j					1				<u> </u>	1
alpha-BHC	10.6		ug/Kg	U	YES					l					l		1		<u> </u>	
alpha-Chlordane	10.6	<u> </u>	ug/Kg	U	YES	Ì	1								ĺ					1
beta-BHC	10.6		ug/Kg	U	YES					l			j				ļ.,,,,,		ļ	1
Chlordane	35.4		ug/Kg	U	YES		]													ļ
della-BHC	10.6		ug/Kg	υ	YES														l	1
Dieldrin	10.6		ug/Kg	U (	YES		1	ļ					]		. [		j		l	L
Endosulfan i	10.6	į	ug/Kg	U	YES		1	l					J		1		{		]	<u> </u>
Endosulfan II	18.G	;	ug/Kg	U	YES			l		1	İ				Í	,	i		l	1
Endosulfan suifate	10.6		ug/Kg	U	YES			I		J	1						1		1	1
Endrin	10 6	1	пожо	11	YES					i	1									<u> </u>
Endrin aldehyde	10.6		ug/Kg	U	YES	1	1	1			1									1
Endrin ketone	10.6		ug/Kg	U	YES			1											l	l
gamma-BHC (Lindane)	10.6	;	ug/Kg	U :	YES		1	1							1				1	1

Project Number and Name:

ADR 8.2

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Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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

Client Sample ID : E11-120-S1

Lab Report Batch: 31101879

Sample Date: 07/15/2011

Analysis Type: RES

Lab ID : SGSW

Sample Matrix : SO

Lab Sample ID: 31101879039

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	IC	ICV	CCA
Analysis Method : 8081					Diluti	on: 1											·····			
gamma-Chlordane	10.6		ug/Kg	U	YES	:		1	1					i			1			
Heplachlor	10.6		ug/Kg	U	YES				1			]	1							
Heptachlor epoxide	10.6	,	ug/Kg	U	YES				l		1		1				1			
Methoxychlor	10.6		ug/Kg	Ų	YES					1	1									1
Toxaphene	35.4		ug/Kg	U	YES												1			
Analysis Method : 8151					Diluti	on:1						*********								
2,4,5-T	0.0180		mg/kg	U	YES	i		l		}	l				!		1			-
2,4,5-T	0.0180		mg/kg	Ų	YES				1					1	l i				1	
2,4,5-TP (Silvex)	0.0180		mg/kg	υ	YES						)			1	l i				1	1
2,4,5-TP (Silvex)	0.0180		mg/kg	U	YES						1								1	1
2,4'-D	0.0180	Í	mg/kg	Ų	YES		]		1						1 }					
2,4'-D	0.0180		mg/kg	υ	YES		-												1	1
2,4-DB	0.0180		mg/kg	U	YES														]	1
2,4-DB	0.0180		mg/kg	U	YES		1				į									i
Dicamba	0.0180	:	mg/kg	υ	YES		1			[					1		· · · · · i		1	1
Dicamba	0.0180	;	mg/kg	υ	YES	ı	1				1				ĺ					1
Analysis Method : 8260B					Dilutio	on: 1														
1,1,1,2-Tetrachloroethane	4.69	j	ug/Kg	u	YES					l										
1,1,1-Trichloroethane	4.69		ug/Kg	U	YES						!				Į		- 1			
1,1,2,2-Tetrachloroethane	4.69		ug/Kg	υ	YES				J						Í		1			i
1,1,2-Trichloroethane	4.69		ug/Kg	U	YES	Į	1				(									
1,1-Dichloroethane	4.69		ug/i(g	U	YEG	Í		]					,							
1,1-Dichloroethene	4,69		ug/Kg	U	YES	1	1			I	Ī						I			]
1,1-Dichloropropene	4 69		ייטיאט	11	YES						1	1				1				J
1,2,3-Trichlorobenzene	4,69	;	ug/Kg	υ	YES	]	1			}					1					
1,2,3 Trichloropropane	4.69	i	ug/Kg	U	YES	]	1		J											
1,2,4-Trichlorobenzene	4.69		ug/Kg	U	YES	}		]					1						1	

Project Number and Name: ADR 8.2

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Library Used:

CampCarroll Report Date: 9/6/2011 08:22

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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 : E11-120-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879039 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Result		Result Units	Lab Qual				нт	мв	ECS	MS	Lab Dun	Surr				Tuno	ıc	ICV	CV/
														100015					
4.69		ug/Kg	U	YES						3	}		I	I i		l i		l	Ī
28.2		ug/Kg	U	YES				\			:	: 		 I i		! 			!
4.69		ug/Kg	U	YES				'	 		: 	·	( 	i i			••••	 I	! [
4.69		ug/Kg	U	YES					1				: 	ii				<u>:</u>	<u>:</u>
4.69		ug/Kg	U	YES		Ì								i i		i		: 	1
4.69		ug/Kg	U	YES		1						i						<u>'</u> 	: I
4.69		ug/Kg	U	YES									 	1		· · · · · · · · ·		i I	: I
4.69		ug/Kg	υ	YES		i								i i				: I	! 
4.69		ug/Kg	U	YES			········ 			i				 				<u>.</u>	 1
4.69		ug/Kg	U	YES					 	i				! <u>:</u>				¦	¦
4.69		ug/Kg	U	YES		·····i						· · · · · · · · · i		! !	· - <i></i> · · · · · · ·			: I	! !
23.5		ug/Kg	U	YES		<u>-</u>	· 1	··/	·i							···			¦ 
4.69		ид/Кд	U	YES :	1	i	· · · · · · · · · · · · · · · · · · ·			: ;	! 			!! !					: I
11.7	1	ug/Kg	U	YES	i	i.					······i	······'		i			• • • • • • • • • • • • • • • • • • • •		i
4.69	***************************************	ug/Kg	U	YES	i	i				·i	·ì	1	i	·					! !
4.69	***********	ug/Kg	U	YES		i	ì	<u>'</u>			····-i	i	······						i
11.7		ug/Kg	U	YES		·····i	i	· · · · · · · · ·		i	i	i	ì		í	·····			
46.9		ug/Kg	U	YES		·····i	Î				·····i	!		· · · · · · · · · · · · · · · · · · ·	·····i				i
4.69		ug/Kg	υ	YES	1	· · · · · · · · · · · · · · · · · · ·	Î	1					· · · · · · · · · · · · · · · · · · ·		·····i			· · · · · · · · · · · · · · · · · · ·	
4.69	1	ug/Kg	U	YES			1	···· /	· · · · · · · · · · · · · · · · · · ·	i		·····	······i	i.		·····	· · · · · · · · · · · · · · · · · · ·	 1	· · · · · · · · · · · · · · · · · ·
4.69	1	ug/Kg	U	YES	1		î		i	ì	······································		·······	i.	```'			'	
4.69	1	ug/Kg	V	YES		1	Î	1	1	]	· · · · · · · · · · · · · · · · · · ·	<u>-</u> -	·····i	!. I	······			·······!	
4.09	1	ug/Kg	U	YES	i,		······i	<u>/</u> .		1	i	<u>i.</u>	1	: 1	; i		! 	······!	
4.69		ug/Kg	U	YES	i. 	i.	ì		·				······!		·	<del>'</del>	را ا	! 	
4,69		пф/Кф	U	YES	1	Ï	i	1			! 1		· · · · · · · · · · · · · · · · · · ·				·······!	! I	
4.69	7	ug/Kg	U	YES :	· · · · · · · · · · · · · · · · · · ·	i		······/.			·····:	·····:						·····!	
	Result  4.69 28.2 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69	4.69 28.2 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69	Result   Error   Units	Result   Error   Units   Qual	Result	Result	Result	Result	Result	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS	Result   Error   Units   Qual   Res   Qual*   Temp   HT   MB   LCS   MS	Result	Result	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   ToUDIS	Result   Error   Units   Qual   Res   Qual*   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   TotUDIs   QC	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Surr   Limit   ToUDIS   QC   Tune	Result	Result   Error   Units   Qual   Res   Qual   Temp   HT   MB   LCS   MS   Dup   Sur   Limit   ToUDis   QC   Tune   C   ICV

Project Number and Name:

ADR 8.2

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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

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Client Sample ID : E11-120-S1

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879039 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quai*	Temp	HT	MB	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCV
Analysis Method : 8260B					Dilutio	on: 1		• • • • • • • • • • • • • • • • • • • •												
Chlorobenzene	4.69	;	ug/Kg	U	YES		1		1	1			]		1				Ī	1
Chloroethane	4.69		ug/Kg	U	YES	ļ	1		1								]		ĺ	1
Chloroform	4.69		ug/Kg	U	YES	}								1	1					1
Chloromethane	4.69		ug/Kg	U	YES					l					1					i
cis-1,2-Dichloroethene	4.69		ug/Kg	U	YES	ļ	1					*******	i		l (				1	
cis-1,3-Dichloropropene	4.69		ug/Kg	U	YES	,	1								1		1		 	[
Dibromochloromethane	4.69	;	ug/Kg	υ	YES						]								 	1
Dibromomethane	4.69		ug/Kg	U	YES		1						 [		i i					i
Dichlorodifluoromethane	4.69		ug/Kg	U	YES		Ī								1				 	<u>.</u>
Ethyl Benzene	4.69		ug/Kg	υ	YES	1	1				i								i	: 
Hexachlorobuladiene	4.69		ug/Kg	U	YES					ì					1				 	i
sopropylbenzene (Cumene)	4.69	;	ug/Kg	U	YES			·····					i							 
m,p-Xylene	9.39		ug/Kg	U	YES						·i					i	·`			i
Methyl iodide	4.69	:	ug/Kg	U	YES		1	1							)	· · · · · · · · ·	i i		······	i
Methylene chloride	1.46	:	ug/Kg	J	YES		i		· · · · · · · · · · · · · · · · · · ·						í	······	<u>-</u>			: 
Naphihalene	4.69		ug/Kg	U	YES			1	1	<u> </u>						· · · · · · · · · · · · · · · · · · ·				İ
n-Butylbenzene	4.69	:	ug/Kg	U	YES	1	1	1	ĺ		1					1	Î		i	i
n-Propylbenzene	4.69	:	ug/Kg	υ	YES	)	Ï	Ì			· · · · · · · · · · · · · · · · · · ·					····i				1
o-Xylene	4.69		ug/Kg	U	YES	i	· · · · · · · · ·	ì	1	1	······				···· ···· ·	· ·····ì			!	
sec-Bulyibenzene	4.69		ug/Kg	U	YES		·····i	1			· · · · · · · · · · · · · · · · · · ·		1	· · · · · · · · · · · · · · · · · · ·	·i	·····i			`í	
Styrene	4.69		ug/Kg	U	YES	1	1	Î			1			······i	·i	i				
ort Buly mothyl other (MTBE)	4.60		ug/Kg	U	YES	········i	·······.	ì	í		· · · · · · · · · · · · · · · · · · ·		/			1	<u>.</u>		· · · · · · · · · · · · · · · · · · ·	
ert-Butylbenzene	4.69		ug/Kg	U	YES		<u>'</u> .		1			· · · · · · · · · · · · · · · · · · ·		··i	······				· !	
Tetrachloroethene	4 69		по/Ка	H	YES	<u>-</u> -	i	····	<u>-</u>	······ <u>ì</u>	1	 		1		!	········	ن ا	<u>!</u>	*******
Toluene	4.69		ug/Kg	U	YES	i.	i.	1		i.	1	··		· · · · · · · · · · · · · · · · · · ·		······	······	!		
rans-1,2-Dichlomethene	4.69		ид/Кд	U	YES	i.		······										/	!	

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Library Used: CampCarroll

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ADR 8.2 Report Date: 9/6/2011 08:22 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: E11-120-S1

Lab Report Batch: 31101879 Sample Date: 07/15/2011

Lab Sample ID: 31101879039

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 Quai*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /
Analysis Method : 8260E	1				Dilutio	n: 1														
trans-1,3-Dichloropropene	4.69		ug/Kg	U	YES		i					1		İ	1					
trans-1,4-Dichloro-2-butene	23.5		ug/Kg	υ	YES							i			1					
Trichtoroethene	4.69		ug/Kg	U	YES					1			1	}	1					1
Trichlorofluoromethane	4.69	,	ug/Kg	U	YES					1			1		1 1				1	1
Vinyl chloride	4.69	į	ug/Kg	υ	YES								1							1
Analysis Method : 8270D					Dilutio	n: 1					**					******	• • • • • • • • • • • • • • • • • • • •			
1,2,4-Trichlorobenzene	357	i	ug/Kg	ย	YES :	į				1			1							1
1,2-Dichlorobenzene	357	i	ug/Kg	U	YES															ĺ
1,3-Dichlorobenzene	357		ug/Kg	υ	YES		1								[ ]				1	1
1,4-Dichlorobenzene	357	i	ug/Kg	U	YES		1								1					
2,4,5-Trichlorophenol	357	;	ug/Kg	U	YES		1													
2,4,6-Trichlorophenol	357	į	ug/Kg	υ	YES	ļ	1								1		1			]
2,4-Dichlorophenol	357		ug/Kg	U	YES	1	1	1							1		1			1
2,4-Dimethylphenol	357		ug/Kg	U	YES			1												1
2,4-Dinitrotoluene	357		ug/Kg	U	YES		1				1		1		1		1			1
2,6-Dinitrololuene	357		ид/Кд	u	YES	į	1									1	1			1
2-Chloronaphthalene	357	Ĭ	ug/Kg	U	YES	ì		1							l í		1			1
2-Chlorophenol	357		ug/Kg	U	YES		1	1								1	i			1
2-Methylnaphthalene	357	-	ug/Kg	U	YES	į	1				1						1			1
2-Methylphenol	357	;	ид/Кд	V	YES			Ï	1						1	· · · · · · · · · · · · · · · · · · ·	1			1
2-Nitroaniline	357		ug/Kg	υ	YES		1	1	1	}						1				
2-Nitrophenol	357		ug/Kg	U	YES	Į		1			ļ		i							
3 and/or 4-Methylphenol	357	;	ид∕Кд	U	YES	Í		1	1		1		1							
3-Nitroaniline	357	;	ug/Kø	U	YES		]		1	. ]	[					i				
4-Bromophenyl phenyl ether	357	Í	ug/Kg	υ	YES		1	1	1	1						·····i	1		 	
4-Chlaro-3-methylphenol	357	1	нд/Кд	u j	YES		1	1			1	1	1			i				
4-Chloroaniline	357		ug/Kg	U I	YES	i	1	i	1	1	1	i	1	i		i	i	1	1	

Project Number and Name.

ADR 8.2

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Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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: E11-120-S1 Sample Date: 07/15/2011

Lab Report Batch: 31101879

Analysis Type: RES

Lab ID : SGSW

Sample Matrix: SO

Lab Sample ID: 31101879039

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Łab Qual	Rep Res	Overall Quai*	Temp	НT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field	Tune	IC	icv	CCV
Analysis Method : 8270D					Difutio		······································													~~~
4-Chlorophenyl phenyl ether	357		ug/Kg	U	YES			1			1		1		1 1		1	i	1	1
4-Nitroaniline	357		ug/Kg	U	YES					1			: 		i				 I	.: 
4-Nitrophenol	357		ug/Kg	U	YES						i			 	ii		1	' 	i	. <del></del>
Acenaphthene	357		ug/Kg	Ų	YES						1		)				<u>'</u>		i	i
Acenaphthylene	357		ug/Kg	U	YES					1					i i		·	·	 	<u> </u>
Anthracene	357		ид/Кд	U	YES										[: 		i		¦	!,,
Benzo(a)anthracene	357		ug/Kg	U	YES										)		! 		<u>.</u>	i
Benzo(a)pyrene	357		ug/Kg	υ	YES										·í	••••	 		 I	i
Benzo(b)fluoranthene	357		ug/Kg	U	YES											• • • • • • • • • • • • • • • • • • • •	 		{ [	! 
Benzo(g,h,i)perylene	357		ид/Кд	U	YES														¦ 	¦
Benzo(k)fluoranthene	357	i	ug/Kg	υ	YES		1							i			! [		/	<u>-</u> I
Bis(2-Chloroethoxy)methane	357		ug/Kg	U	YES		1				······	i			·i				<u>.</u>	<b>?</b> [
Bis(2-Chloroethyl)ether	357		ug/Kg	V	YES	]			· · · · · · · · · · · · · · · · · · ·		i								 I	! 
Bis(2-Chloroisopropyl)elher	357	,	ug/Kg	U	YES		·····		· · · · · · · · · · · · · · · · · · ·		·····	i	i	· · · · · · · · · · · · · · · · · · ·					/ 	! 
Bis(2-Ethylhexyl)phthalate	357	i	ug/Kg	U	YES			1	······	·i	·····	ì								: 
Butyl benzyl phthalate	357		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	i	i	•	······		i		i	······:				/ 
Chrysene	357	:	ug/Kg	U	YES		······	i	i	i		i i			·i	······!			······	!
Dibenz(a,h)anthracene	357	:	ug/Kg	U	YES		i	Ì	ĺ			· · · · · · · i	·····/			···········			! ! 	:
Dibenzofuran	357	:	ug/Kg	U	YES		1	î			i	·······		·········!	·	· · ·			'! 	
Diethyl phthalate	357		ug/Kg	U	YES	·····i		``````````	i			·····				!				
Dimethyl phthalate	357		ug/Kg	U	YES		1	1			٠ا	····-;	, , /. i	··· i	•		i			
Di-n-butyl phthalate	357		ug/Kg	U	YES		1	i	i			· · · · · · · · · · · · · · · · · · ·			/	! 				
Di-n-octyl phthalate	357	1	ug/Kg	U	YES			······				·····		! 	! - 			. · · · · · · · · · · · · · · · · · · ·	!	
Fluoranthene	357		ug/Kg	υ	YES :	·i	1	1	<i>i</i> -		· · · · · · · · · · · · · · · · · · ·		<i></i>	!. 	·	! 		! !	1	
Finorene	357		ug/Kq	U	YE6	i	······i	 	·······'	···· -/:	i.			· · · · · · · !		!		'' ا	! 1	
Hexachlorobenzene	357	·····	ug/Kg	U	YES		······i	······						!	!			ا	!	1

Project Number and Name:

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Library Used:

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

Client Sample ID: E11-120-S1

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879039

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :							App	rove	By /	Date :										
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quat*	Тетр	НΥ	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	ic	ICV	CCA CCA
Analysis Method : 8270D					Dilutio	on: 1														
Hexachlorobuladiene	357	:	ug/Kg	U	YES					I		Į	1	1	1		]			
Hexachlorocyclopentadiene	357		ug/Kg	Ų	YES				l	1			1	<u>.</u>	1		[	i	1	Ī
Hexachioroethane	357		ug/Kg	Ų	YES			1	1						İ i				ì	1
Indeno(1,2,3-cd)pyrene	357		ug/Kg	υ	YES								1		l i		i		1	l
Isophorone	357		ug/Kg	บ	YES								1		1 1				1	1
Naphthalene	357		ug/Kg	Ų	YES				1						1				1	Ì
Nitrobenzene	357		ug/Kg	U	YES				1						l i					1
n-Nitrosodi-n-propylamine	357		ug/Kg	υ	YES			i	i	 			<u></u>	: 	i	•••••		• • • • • • • • •	 I	i
Pentachlorophenol	357		ug/Kg	U	YES				` 	: [		 	i	' 				' 	 	i
Phenanthrene	357	<u> </u>	ug/Kg	U	YES	·							i		ii			 	/ 	i
Phenol	357		ид/Кд	U	YES				i				: 		ií				 	1
Pyrene	357		ug/Kg	U	YES	i									i i				 I	i

Project Number and Name:

11 032E 11 032E Carroll Agent Orange

Library Used:

CampCarroll

Report Date: 9/6/2011 08:22

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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 : E11-120-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879040 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Reviewed By / Date :							App	rovec	ı by /	Date :										
Analyle Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overali Quai*		нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	icv	CCV CCV
Analysis Method : 6010C					Dilutio	on: 1							Abarbaran							
Arsenic	0.937		mg/kg	J	YES			l	l	1	1		1				l		J	1
Barium	76.3		mg/kg		YES				1	1		1	l	1	1				]	
Cadmium	0.480		mg/kg	j	YES	U			U	]		1		1	1				<u> </u>	
Chromium	2.28		mg/kg		YES				1	<u> </u>	1	1	<u> </u>	[	<u>                                     </u>				1	
Lead	13.4	<u> </u>	mg/kg		YES	J		l	1	1	<u> </u>	J	1	<u> </u>	<u>                                     </u>				<u> </u>	1
Selenium	2.00	<u> </u>	mg/kg	U	YES			l	l	1	<u> </u>	<u> </u>	1		1		l		1	1
Silver	0.195	l	mg/kg	J	YES	IJ			U	1	l	<u> </u>	1	<u> </u>					1	1
Analysis Method : 7471B					Dilutio	n: 1														
Mercury	0.0204	<u> </u>	mg/kg	υ	YES					<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>				I	1
Analysis Method : 8081					Dilutio	n:1			•											
4,4'-DDD	9.95		ug/Kg	υ	YES						<u> </u>	l	1	l	<u> </u>				<u> </u>	<u> </u>
4,4'-DDD	9.95		ug/Kg	υ	YES						<u> </u>		1		l				1	1
4,4'-DOE	9.95		ug/Kg	U	YES	<u>i</u>	1		l	<u>.</u>	<u> </u>	1	1		1				1	1
4.4'-DDE	9.95		ug/Kg	U	YES		1	1	<u> </u>	<u> </u>			<u> </u>		1	_,,,	1		<u> </u>	1
4,4'-DDT	9.95		ug/Kg	U	YES						,		<u> </u>	[	<u>                                     </u>	1	!		<u> </u>	l
4,4'-DDT	9.95		ug/Kg	υ	YES :	i	1			1					<u> </u>		]			1
Aldrin	9.95		ид/Кд	U	YES					l			1		l .		1		<u> </u>	<u> </u>
Aldrin	9.95	į	ug/Kg	u	YES								1				ĺ		<u> </u>	
alpha-BHC	9.95		ug/Kg	U	YES										1				1	1
alpha-BHC	9,95		ug/Kg	υ	YES			]		l			l		1				1	1
alpha-Chlordane	9.95	į	ug/Kg	U	YES			١					l						<u> </u>	<u> </u>
alpha Chlordane	9.95		ug/K.g	U	YES		1						Ĺ		l		į		J	<u> </u>
beta-BHC	9.95		ug/Kg	U	YES	į		1					l		]		}		<u> </u>	I
beta-BHC	9.95		ug/Kg	U	YES			1									1			
Chlordane	33.1	į	ug/Kg	υ	YES		1	1		ļ					i		}		1	1
Chlordane	33 1		нд/Кр	U	YES			1					f i						1	1
delta-BHC	9.95	}	ug/Kg	U ;	YES	i	1			l			:		1		i		1	1

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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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: E11-120-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879040 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	Moist Tot/Dis		Tune	IC	ICV	CV/ CCV
Analysis Method : 8081					Dilutio										100010				104	
delta-8HC	9,95		ug/Kg	U	YES				[			\ <u> </u>	]	1			F	i	1	1
Dieldrin	9.95		ид/Кд	U	YES				`	/ [	 ]	: 	 	<i>:</i> I	! 			\ 	! }	!
Dieldrin	9.95		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·			: 	/ }		. <b>:</b>	:i				` 	 	!
Endosulfan I	0.531		ug/Kg	JР	YES					: 	: 		i I	/ 	/! [				¦ 	1
Endosulfan I	0,531		ug/Kg	JР	YES					/ 	: 	:	<u>.</u>	: 	!! 				: 1	! 
Endosulfan II	9.95		ug/Kg	υ	YES	1	·i				; ;	` 	 I				·		/ 	!
Endosulfan II	9.95		ug/Kg	U	YES			' 		i	: 	: 	1	/ }	!' 		'		<u>'</u> 	! [
Endosulfan sulfate	9.95		ид/Кд	U	YES	i	············	······		 	/ 	: {	l				! 		! 	! 
Endosulfan sulfate	9.95		ug/Kg	Ų	YES	i		<u>'</u>		` 	: !	} 	i		!				<u>.</u>	! 
Endrin	9.95		ug/Kg	V	YES	1	·····i			 	: [	` 	1						<u>'</u>	! 
Endrin	9.95		ug/Kg	U	YES	]	·····i	1			i .	!! !	i		<u>.</u>		·			i
Endrin aldehyde	9.95	ì	ug/Kg	U	YES	1	·····i	· · · · · · · · · · · · · · · · · · ·			{	! !	: 			i	· · · · · · · · · · · · · · · · · · ·		i	! I
Endrin aldehyde	9.95	Î	ug/Kg	U	YES			······			i .	: - · · · · · · · · · ·	i				······		: 	! 
Endrin ketone	9.95		ug/Kg	U	YES			ı						······i		··········	i			i
Endrin ketone	9.95	1	ug/Kg	υ	YES	*	1		1				:: 		i. 		· · · · · · · · · · · · · · · · · · ·			1
gamma-BHC (Lindone)	0.05	1	ug/Kg	U	YES	1		1	I			· · · · · · · · · · · ·	 			·i				i
gamma-BHC (Lindane)	9.95		ug/Kg	υ	YES		1	1	· · · · · · · · · · · · · · · · · · ·					····-i		· · · · · · · · · · · · · · · · · · ·	· · · · · ·			
gamma-Chiordane	9.95		ug/Kg	υ	YES	1	1		1					i						
gamma-Chlordane	9.95		ug/Kg	U	YES		1	î	····					·······	······i	· · · · · · · · · · · · · · · · · · ·				
Heptachlor	9.95		ug/Kg	V	YES	1	1	i i						······i	·····i	······i				
Heptachlor	9.95	1	ug/Kg	ប	YES		····i	ì	Ì			i		······i		······i	······			
Heptachlor epoxide	9.95	:	ид/Кд	Ų	YES :	· · · · · · · · · · · · · · · · · · ·		Î	1			1	i		i. 	· · · · · · · · · · · · · · · · · · ·				
Heptachlor epoxide	9.95	:	ug/Kg	υ	YES	····	i	ii	i	i		·····i			···:-	·······			[	
Melhoxychlor	9.95		ug/Kg	ษ	YES		i	ì	<i>:</i>			·i	········	i		·			·i	
Methoxychlor	9.95		ug/Kg	U	YES	i	i	Í	i	ĺ		۱،،۰۰۰	· · · · · · · · · · · · · · · · · · ·	······ ¦		1		··'	· · · · · · · · i	
Toxaphene	33.1		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	··· ·· · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·									

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: E11-120-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879040

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

	***************************************	Uncertainty /	Result	Lab	Ren	Overal			_	***************************************		Lab		Rep	Moist	Einte				CV/
Analyte Name	Result	Error	Units	Qual				HŦ	MB	LCS	MS	Dup	Surr		Tot/Dis		Tune	IC	<b>ICV</b>	CCV
Analysis Method : 8081					Dilutio	on: 1								**********						
Toxaphene	33.1		ug/Kg	U	YES		1				-		1						1	Ī
Analysis Method: 8151					Dilutio	on: 1											********		**	
2,4,5-T	0.0162		mg/kg	U	YES		İ	l	1	1	]		1		1		1		[	
2,4,5-TP (Silvex)	0.0162		mg/kg	U	YES		ļ			l			1		1		1		1	1
2,4'-D	0.0162		mg/kg	U	YES					[	1				1				1	1
2,4-DB	0.0162	;	mg/kg	U	YES												1 1			
Dicamba	0.0162	i	mg/kg	Ų	YES					1							1			1
Analysis Method : 8260B					Dilutio	n: 1														
1,1,1,2-Tetrachloroethane	4.39	į	ug/Kg	U	YES					f	1 1						<u> </u>			l
1,1,1-Trichioroethane	4.39		ид/Ко	U	YES									(	1		1			1
1,1,2,2-Telrachloroethane	4.39		ug/Kg	U	YES										ĺ				[	
1,1,2-Trichtoroethane	4.39		ug/Kg	υ	YES										]					l
1,1-Dichloroethane	4.39		ug/Kg	υ	YES						İ				1					
1,1-Dichloroethene	4.39		ug/Kg	U	YES	í	1	1												1
1,1-Dichloropropene	4.39		ug/Kg	υ	YES		1	1												1
1,2,3-Trichlorobenzene	4.39		ug/Kg	υ	YES	ļ			1								]			1
1,2,3-Trichloropropane	4.39	ì	ug/Kg	U	YES	ĺ		1					1				1			1
1,2,4-Trichlorobenzene	4.39	i	ug/Kg	U	YES	IJ	Ī	1			UJ	ĺ	1							1
1,2,4-Trimethylbenzene	4.39		ug/Kg	U	YES	UJ			1		เกา			1						 
1,2-Dibromo-3-chloropropane	26.4	!	ug/Kg	Ų	YES	ì						1	1				1	i		
1,2-Dibromoethane	4.39	į	ид/Кд	U	YES		Ī	1				1	1		1				i	
1,2-Dichlorobenzene	4.39		ug/Kg	U	YES	]	Ī	I	1									·····	.,,	
1,2-Dichlorcethane	4.39	}	ug/Kg	U	YES			·	1		1	1	ĺ	i	į	i	i i			
1,2-Dichloropropane	4.39		ug/Kg	U	YES		1	1	]			1	1			· · · · · · · · · · · · · · · · · · ·	·····		····-i	
1,3,5-1 nmethylbenzene	4.09	1	ug/Kg	U !	YES	1		l	Î		· · · · · · · · · · · · · · · · · · ·			 	·····i	··}		···	· · · · · · · · · · · · · · · · · · ·	
1,3-Dichlorobenzene	4.39		ug/Kg	U	YES	·	······i	······	ì			······i	· <u>-</u>	i	i			: <u>ا</u> ا	·i	
1,3 Dichterepropane	4.30		ug/Kg	U	YEG		1	1	<u>:</u> .	·······		· · · · · · · · · · · · · · · · · · ·			•	·i		·····	i	1

Project Number and Name:

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AUR 8.2 Report Date: 9/6/2011 08:22 \* 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 : E11-120-S2

Lab Report Batch: 31101879

Analysis Type: RES

Sample Matrix : SO

Lab ID : SGSW

Sample Date: 07/15/2011

Lab Sample ID: 31101879040

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overall Qual*		НT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	10	icv	CV.
Analysis Method : 8260B					Dilutio	n:1					,	***************************************								
1,4-Dichlorobenzene	4.39		ug/Kg	U	YES				1			i	1		[		1		1	ī
2,2-Dichloropropane	4.39		ug/Kg	U	YES						i	}			Ī		i	İ	1	i
2-Bulanone	1.96		ug/Kg	J	YES	j			1		J		J		1		I		1	i
2-Chlorololuene	4.39	,	ug/Kg	U	YES				1	ĵ							: 		i	1
2-Hexanone	11.0		ug/Kg	Ų	YES		ĺ			1			 		i i				i	i
4-Chiorotoluene	4.39		ug/Kg	U	YES					i	1						1		/ 	i
4-isopropylloluene	4.39		ug/Kg	U	YES		]	.,.,,,,,		1	1	· · · · · · · · · · · · · · · · · · ·			i i				: 	i
4-Methyl-2-pentanone	11.0		ug/Kg	U	YES		1		I	i		` 			1				/ 	i
Acetone	8.75		ug/Kg	J	YES	J	1			1	J		j		i				: I	1
Benzene	4.39		ug/Kg	ប	YES		1												: [	1
Bromabenzene	4.39	į	ug/Kg	U	YES		1	1											1	!
Bromochloromethane	4.39		ug/Kg	υ	YES		<u>!</u>			i			: : 						i I	1
3romodichloromethane	4,39		ug/Kg	U	YES	]				' 									' 	: 
3romoform	4.39		ug/Kg	U	YES		1												i	
Bromomethane	4.39		ug/Kg	U	YES	1	1	1				 				······	 			i
Carbon disulfide	4.39	:	ug/Kg	U	YES	}	1	ĺ											,	i
Carbon tetrachloride	4.39		ug/Kg	U	YES		ĺ	1				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		·j		· · · · · · · · · · · · · · · · · · ·			:, I
Chlorobenzene	4.39		ug/Kg	υ	YES			1			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		   		· · · · · · · · · · · · · · · · · · ·	i		i	i
Chloroethane	4.39		ug/Kg	U	YES		1	1			·····i	·····	í	· · · · · · · · · · · · · · · · · · ·	·····i	······i			· · · · · · · · · · · · · · · · · · ·	i
Chloroform	4.39		ug/Kg	U	YES		1	ì	·····/			······································			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· ···		i
Chloromethane	4.39		ug/Kg	υ	YES							·····i		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				i
is-1,2-Dichloroethene	4.39		ид/Ко	U	YES	}	i.	ì	· · · · · · · · · · · · · · · · · · ·		 	······i	······			······	······			i
is-1,3-Dichloropropene	4.39		ug/Kg	υ	YES	·····i	1	1			····	'i		· · · · · · · · · · · · · · · · · · ·	i.	······!	\. I	/	······!	
Dibromochloromethane	4.39		ug/Kg	υ	YES	· · · · · · · · · · · · · · · · · · ·		·····:	1	i	٠٠٠١	···-i	<u>:</u>	!				'ا ا	1	
Dibromomethane	4.39	ì	ug/Kg	U	YES		i	į		,	i	t			· - · · · · · · · · · · · · · ·				1	
Dichlorodifluoromethane	4.39		ug/Kg	u i	YES		· · · · · · · · · · · · · · · · · · ·	<u>.</u>								!		!		

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

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ADR 8.2

Report Date: 9/6/2011 08:22

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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 : E11-120-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879040 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overal Qual*	Temp	нт	мв	LCS	MS	Lab Đup	Surr	Rep Limit	Moist Tot/Dis		Tune	íC	ICV	CCA
Analysis Method : 8260B					Dilutio															
Ethyl Benzene	4.39		ug/Kg	U	YES		i	1	1		1				l I					I
Hexachlorobutadiene	4.39		ug/Kg	U	YES				1					1	1				î	. <u>.</u>
Isopropylbenzene (Cumene)	4.39		ug/Kg	υ	YES		·	[		1						-,	1		1	İ
m,p-Xylene	8.78		ug/Kg	U	YES					1	]				l i		İ i		1	1
Methyl iodide	4.39		ug/Kg	U	YES		i			]	1									1
Methylene chloride	1.07		ug/Kg	J	YES	IJ	i		U				J	1						
Naphthalene	4.39	i	ug/Kg	U	YES	ιυ		 		]	UJ				1 1		1		1	1
n-Bulylbenzene	4.39		ug/Kg	U	YES					1					l		1		i 	1
n-Propylbenzene	4.39		ug/Kg	υ	YES						]				l i	••	i :		i	i
o-Xylene	4.39	ĺ	ug/Kg	υ	YES											•••••	1		/ 	1
sec-Butylbenzene	4.39	i	ug/Kg	U	YES										1		ĺ		1	1
Styrene	4.39	;	ug/Kg	U	YES	UJ					UJ [				<u> </u>				i	1
tert-Butyl methyl ether (MTBE)	4.39		ug/Kg	U	YES														1	
tert-Butylbenzene	4.39	;	ug/Kg	U	YES		1					1							1	
Tetrachioroethene	4.39		ug/Kg	υ	YES		1				1	1							l	i
Toluene	4.39		ug/Kg	U	YES							i					1	• • • • • • • • • • • • • • • • • • • •		
trans-1,2-Dichloroethene	4.39	}	ug/Kg	U	YES		1	1				1			}				1	1
trans-1,3-Dichloropropene	4.39	1	ug/Kg	U	YES		1					1								
trans-1,4-Dichloro-2-butene	22.0		ug/Kg	U	YES			1			1	1								1
Trichloroethene	4,30	:	ug/Kg	U	YEE		1	1				1	1		1		1			i
Trichtorofluoramethane	4.39		ug/Kg	υ	YES	UJ	1	1	١		UJ					· · · · · · · · · · · · · · · · · · ·				i
Vinyl chloride	4.39		ug/Kg	U	YES			1		1	1	ì	· · · · · · · · · · · · · · · · · · ·	i		1				İ
Analysis Method : 8270D					Dilutio	n: 1														
1,2,4-Trichlorobenzene	327		ug/Kg	U	YES	i	1	ĺ	1	j					-		}			
1,2-Dichlorobenzene	327	<u> </u>	ug/Kg	u į	YES		1					ì	i			1				i
1,3-Dichlorobenzene	327		ug/Kg	U	YES			1	]			1	1	I		i				
1,4-Uichlorobenzene	327		ug/Kg	υ	YES	I			1							I	1			

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11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

Report Date: 9/6/2011 08:22

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: E11-120-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879040 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*		нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ΙCV	CCV
Analysis Method : 8270D					Dilutio	on: 1														
2,4,5-Trichlorophenol	327		ug/Kg	U	YES				1		1		1	1					1	Ī
2,4,6-Trichlorophenal	327		ug/Kg	U	YES				1		1				1					
2,4-Dichlorophenol	327		ug/Kg	υ	YES					1							1		1	
2,4-Dimethylphenol	327		ug/Kg	U	YES				1						l		1		Ì	1
2,4-Dinitrotoluene	327		ug/Kg	U	YES				]	i				}					1	i
2,6-Dinitrolaluene	327		ug/Kg	U	YES								1		[ ]		[ 1			
2-Chloronaphthaiene	327		ug/Kg	υ	YES										1					1
2-Chlorophenoi	327		ug/Kg	U	YES			1					f				1			[
2-Methylnaphthalene	327		ug/Kg	U	YES							,					1		1	1
2-Methylphenol	327		ug/Kg	U	YES														 	1
2-Nitroaniline	327		ug/Kg	U	YES	į					[ ]				1				l	l
2-Nitrophenol	327		ug/Kg	u	YES			1												ĺ
3 and/or 4-Methylphenol	327		ug/Kg	U	YES	ļ	1									.,	ĺ			1
3-Nitroaniline	327	i	ug/Kg	U	YES	I		1							1					
4-Bromaphenyl phenyl ether	327	į	ug/Kg	U	YES		1								l l					
4-Chloro-3-methylphenol	327		ug/Kg	U	YES			١				1								
4-Chloroaniline	327		ug/Kg	U	YES			1												
4-Chlorophenyl phenyl elher	327	1	ug/Kg	U	YES		1	1				1								]
4-Nitroaniline	327	i	ug/Kg	U	YES		1	1			į				1					ľ
4-Nitrophonol	327	:	ug/Kg	υ	YES	į		J				j								1
Acenaphthene	327	:	ug/Kg	υ	YES	;	1		1			1	(							1
Acenaphthylene	327	:	ug/Kg	U	YES		1	1			-	1								l
Anthracene	327		ug/Kg	U	YES	i	1	1	1		1						1			1
Benzo(a)anlhracene	327		ug/Kg	U	YES	1	1	1	1		. 1	]					1			1
Benzo(a)pyrene	327	:	ug/Kg	U ;	YES	į		ĺ	Ĩ	- 1	1	ì	j				,,,,,,,,			1
Benzo(b)fluoranthene	327	:	ug/Kg	U	YES		I	I				i		1	1		i	1	1	1

Project Number and Name:

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

Client Sample ID : E11-120-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879040 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Quai*	Temp	нт	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	iC	ICV	CCV
Analysis Method : 8270D					Diluti	on: 1														
Benzo(g.h.i)perylene	327		ug/Kg	U	YES				1	1	.			;			1			
Benzo(k)fluoranthene	327		ug/Kg	U	YES					]	]			i	1		1			1
Bis(2-Chloroelhoxy)methane	327		ug/Kg	U	YES	:	!			1					1		1			1
Bis(2-Chloroethyl)ether	327		ug/Kg	υ	YES				1				1		1		l ì		[	1
Bis(2-Chloroisopropyl)elher	327		ug/Kg	U	YES										1					[
Bis(2-Ethylhexyl)phthalate	327		ug/Kg	U	YES										1		1			
Butyl benzyl phthalate	327		ug/Kg	Ų	YES		l								l i		1			1
Chrysene	327		ug/Kg	υ	YES										l					1
Dibenz(a,h)anthracene	327		ug/Kg	U	YES				]	l										1
Dibenzofuran	327	i	ug/Kg	U	YES					 					1 1					
Diethyl phthalate	327		ug/Kg	Ų	YES										1					1
Dimethyl phthalate	327		ug/Kg	ម	YES		1								1					I
Di-n-bulyl phihalate	327	ĺ	ug/Kg	U	YES	-	1				i									
Di-n-octyl phthalate	327		ug/Kg	υ	YES	(														1
Fluoranthene	327		ug/Kg	U	YES					1			1							
Fluorana	327		ug/Kg	U	YES	1	1				,									
dexachlorobenzene	327		ug/Kg	U	YES	}					1	1			1			,i		
dexachlorobutadiene	327		ug/Kg	ប	YES			1				1	]		ì		1	1		1
-lexachlorocyclopentadiene	327	i	ug/Kg	U	YES		1	I	1		1	1	i		i					1
-lexachloroethane	327	:	ug/Kg	U	YES		1	ĺ				1	1	· · · · · · · · · · · · · · · · · · ·	1		· I			1
ndeno(1,2,3-cd)pyrene	327		ug/Kg	U	YES			1	1		i	1		ı	1	1	1	· · · · · · · · · · · · · · · · · · ·		1
sophorone	327	:	ug/Kg	U	YES		I	I	1		1		1			1	1	1		
vaphthalene	327	:	ug/Kg	U	YES		1			1	1		1			1		1		i
Vitrobenzene	327	i	ug/Kg	v ;	YES	1		]	1	1			1	1			Î			1
n-Nitrosodi-n-propylamine	327	1	ug/Kg	u	YES	į	-	- 1	1	İ	- 1	ĺ	- 1			1	1	/ 		1
Penlachlorophenot	327		ug/Kg	Ų	YES	· · · · · · · · · · · · · · · · · · ·	1	ı	1	i	1	1	1							1

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

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

Client Sample ID : E11-120-S2

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879040 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*	Temp	HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV
Analysis Method: 8270D					Diluti	on: 1														
Phenanthrene	327	i i	ug/Kg	U	YES	:			1		<u>{</u>	}		}	1				1	1
Phenol	327		ug/Kg	U	YES									İ	i i		1			
Pyrene	327	:	ug/Kg	U	YES			I						 						i i

Project Number and Name

11-032F - 11-032F Carroll Agent Orange

Library Used: Ca Report Date: 9/6/2011 08:22

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: E11-120-S3

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879041 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date:

						*******										•				
Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai	Rep Res	Overall Qual*	Temp	ΗT	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis		Tune	ìC	iCV	CC/
Analysis Method : 6010C					Dilutio							·/								
Arsenic	0.959		mg/kg	U	YES		i			1	1		1	1	!		1			1
Barium	89.3		mg/kg		YES		i i		1	1	i	: }	` 	 	1		. <u>.</u>		<i>:</i> 	· <del>·</del>
Cadmium	0.480		mg/kg		YES	Ų	1		U	i I		i		i	ii		1	<i>.</i>	.' 	
Chromium	3.27	,	mg/kg		YES				[		/ 	: 		i	·		i		: [	i
Lead	10.5		mg/kg		YES	j	1		,		í	J	i	i 	i		1		: ]	i
Selenium	1.92		mg/kg	U	YES		[ ]						i	: 	ii		1		) 	i
Silver	0.320		mg/kg	J	YES	U	i I		U	' 		 	i I	: !	: <u>-</u>		l	· · · · · · · · ·	! 	i
Analysis Method : 7471B		****************			Dilutio	n: t							1	<i>:</i>	·	•••••			!	1
Mercury	0.0179	:	mg/kg	U	YES				l i				 [	İ	1 i					
Analysis Method : 8081					Dilutio	ก: 1								/			t			
4,4'-DDD	10.0	i	ид/Кд	U	YES								1	]			l :		1	Ī
4,4'-DDE	10.0		ug/Kg	Ų	YES		i								i		l			: 
4,4'-DDT	10,0		ug/Kg	U	YES		1												`	i 
Aldrin	10.0	[	ug/Kg	U	YES		1	Ì	l		[						: 	**	' 	! 
alpha-8HC	10.0		ug/Kg	U	YES :		1										i			: 
alpha-Chiordane	10.0	}	ид/Кд	U	YES		1	1												: 
beta-BHC	10.0		ug/Kg	Ų ;	YES		1		1	1										! 
Chlordane	33.3	:	ug/Kg	U	YES		1	1												:: [
della-BHC	10.0	:	ug/Kg	U	YES		Ī	Ī	1											
Dieldrin	10.0		ug/Kg	U	YES			Ï			·······			·i		· · · · · · · · · · · · · · · · · · ·	·····	i		
Endosulfan I	10.0	;	ug/Kg	U	YES	i				i	i	i	نــــــــــــــــــــــــــــــــــــ	i			·····	'	· · · · · · · · · · · · · · · · · · ·	
Endosulfan II	10.0		ug/Kg	U	YES	]	i	1	Ì	1		·······		<i>:</i>		·i	·			······
Endosulfan sulfale	10.0		ug/Kg	U	YES :	i	i i	i i			······	·····i	·			i	·····i	:	ا ا	!
Endrin	10.0	:	ug/Kg	U	YES	i	: <u>-</u>	<u>:</u>	·····i	······i	·····-	··i	/	<u>!</u>		····	·····-		!	
Endrin aldeliyde	10.0		ug/Kg :	υ :	YES		·····i	1	<del>;</del>	·····i	······	 Ì		1	!	ì	;		1	
Endrin ketone	10.0		ug/Kg	U	YES	1	i	<del>`</del> i	i	ئىسىسى ا		·i		·····i		i		·!	!! !	
gamma-DHO (Lindana)	10 N		ug/Kg	Ų	````````` YES		·		i	i		'n				اا			!	!

Project Number and Name:

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Client Sample ID: E11-120-S3

Lab Report Batch: 31101879

Lab ID ; SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879041 Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overat Qual*	Temp	НΥ	мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	ıc	ICV	CV/
Analysis Method : 8081			~		Dilutio	n: 1														
gamma-Chlordane	10.0		ug/Kg	U	YES		1	1	1		1	}			1	ì	1		<u> </u>	1
Heptachlor	10,0		ug/Kg	U	YES									i	l		l		ĺ	
Heplachlor epoxide	10.0		ug/Kg	Ų	YES	••••	İ	1	1	1				( 			]		i	1
Methoxychlor	10.0		ug/Kg	Ų	YES		}				 				1				i	1
Toxaphene	33.3		ug/Kg	U	YES				1	1				( 	i		!i		 	. <u>.</u>
Analysis Method : 8151					Dilutio	n: 1	,							·					2	1
2,4,5-T	0.0167		mg/kg	U	YES		]		l	l	1					·			1	1
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES				[						i		1			<u>-</u>
2,4'-D	0.0167		mg/kg	U	YES								· · · · · · · · · · · · · · · · · · ·		l		i		 	i
2,4-D8	0.0167		mg/kg	υ	YES					1			i						) 	1
Dicamba	0.0167		mg/kg	u	YES				[						1		i i		) 	i
Analysis Method : 8260B					Dilutio	n: 1													f	
1,1,1,2-Tetrachioroethane	4.30		ug/Kg	U	YES					1					ĺ		1		I	1
1,1,1-Trichloroethane	4.30	į	ug/Kg	U	YES		1						1						j	: ]
1,1,2,2-Tetrachloroelhane	4.30		ug/Kg	U	YES								1		1					i 
1,1,2-Trichloroethane	4.30		ug/Kg	U	YE8						ĺ			l	1		1		 	i 
1,1-Dichloroethane	4.30		ug/Kg	U	YES		1									i			 	i 
1,1-Dichloroethene	4.30	;	ug/Kg	υ	YES					ļ	1	1	1				······			i
1,1-Dichloropropene	4.30		ug/Kg	U	YES		1							· · · · · · · · · · · · · · · · · · ·	1	· · · · · · · · · · · · · · · · · · ·	·····			i
1,2,3-Trichlorobenzene	4 30		ug/Kg	υ	YES			1	1	·····	- /	·····i	1		· · · · · · · · · · · · · · · · · · ·	·}	·····i			: 
1,2,3-Trichleropropane	4.30		ug/Kg	U	YES				1			i			i	· · · · · · · · · · · · · · · · · · ·	·····			'
1,2,4-Trichlorobenzene	4.30		ug/Kg	U	YES	UJ	1	1	1		UJ	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		····i				' [
1,2,4-Trimelhylbenzene	4.30		ug/Kg	U	YES	UJ	l	1	1		W	i	·····	i	i	······ì	1	·i		
1,2-Dibromo-3-chloropropane	25.8		ug/Kg	U	YES			1	······		·i į	<u>-</u>	i	·	·····i	·····'		i		····
1,2-Dibromoethane	4.30		ug/Kg	U	YES	ĺ	i	į	i	ì	ĺ	i	1			 ا	i	! I		,·····'
1,2-Dichlorobenzene	4.30		ug/Kg	υ	YES		i	ì	ì	 		i	i	·····i						
1,2 Uichioroenana	4.30		ug/Kg	U	YEG:	i						···i	······i		<del>i</del> -		••••••	·	!	

Project Number and Name: ADR 8.2

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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 : E11-120-S3

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879041 Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Quai*		HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC.	ICV	GV /
Analysis Method : 8260B					Dilutio	n: 1						·/···								
1,2-Dichloropropane	4.30		ug/Kg	υ	YES					1	ī	1			1 1				1	ī
1,3,5-Trimelhylbenzene	4.30		ug/Kg	υ	YES		į			i	1				i i					1
1,3-Dichlorobenzene	4.30		ug/Kg	U	YES		f		\ 								i		i	1
1,3-Dichloropropane	4.30		ug/Kg	Ų	YES					1	 	1							 I	·:
1,4-Dichlorobenzene	4.30	,	ug/Kg	U	YES						í Í				i		i i		/ [	. <u>.</u> 
2,2-Dichloropropane	4.30		ug/Kg	U	YES					 	: 	 			ii				 	.; 1
2-Bulanone	2.53		ug/Kg	J	YES	J					J	·	ئ						: I	i
2-Chiorotoluene	4.30		ug/Kg	Ų	YES							· · · · · · · · ·					1		/ 	 
2-Hexanone	10.7		ug/Kg	υ	YES														<i>!.</i>	. <u></u> 
4-Chlorolaluene	4.30		ug/Kg	U	YES					: 									/ 	1
4-isopropyitoluene	4.30	ì	ug/Kg	U	YES		1		1			· · · · · · · · · · ·					\ 		i I	! 
4-Methyl-2-penlanone	10.7	-	ug/Kg	ប	YES				· · · · · · · · · · · · · · · · · · ·		·	1		·	·i		<u>†</u>		<u>'</u> 	!
Acetone	11.7		ug/Kg	J	YES	j	i		······		J		J	<u>'</u>		·······i	·····-		! 	! !
Benzene	4.30		ug/Kg	U	YES			Ī	ا			······	<u>-</u>	i		· · · · · · · · · · · · · · · · · · ·	····		' 	/ 
Bromobenzene	4.30		ug/Kg	U	YES				·	ا		·····i				·····i				i
Bromochloromethane	4.30		ид/Кр	U	YES		·····	 Î	ĺ			·i		i		······i			' 	: 
Bromodichloromethane	4.30		ug/Kg	υ	YES			Ì	· · · · · · · · · · · · · · · · · · ·		 	ì	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	······	·····:			i
Bromoform	4.30		ug/Kg	U	YES	i	· · · · · · · · · · · · · · · · · · ·		1	· · · · · · · · · · · · · · · · · · ·			' 	······i	i	······!				: 
3romomethane	4,30		ug/Kg	U	YES				Î		·····:	·····i		······!	: i					i
Carbon disulfide	4.30		ug/Kg	U	YES	1	·····i	ì	······		·i	1	· · · · · · · · · · · · · · · · · · ·			·····i	·····:	······'		! 
Carbon tetrachloride	4.30		ug/Kg	V	YES		······································	i		······'	·······	······	••••••		· · · · · · · · i	i	······			! 
Chlorobenzene	4.30		ug/Kg	U	YES	1	·····i	ì	i	······/		·····i		<u>i</u>		·····i	·····			
Chloroethane	4.30		ug/Kg	บ	YES :		i	······				i				<u>'</u>		! 1	! I	!
Chloroform	4.30	······································	ug/Kg	U	YES	·····i	 1	i		i	·i	!. I	·	· <u>:</u>	<u>i</u> -	<u>'</u>		! !	·!	! 
Chloromethane	4.30		ug/Kg	U	YES	· /.	l	·······						·i			ì	i	1	ı
is-1,2-Dichloroethene	4.30		ug/Kg	U	YES	!- }	!. I		·····-					!					!	

Project Number and Name:

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Library Ucod:

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: E11-120-S3

Lab Report Batch: 31101879

Lab ID : SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879041

Analysis Type: RES

Sample Matrix: SO

Reviewed By / Date :

Approved By / Date :

Result Units				/erall luai* T	emp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	1C	1CV	CCV
		Dil	ıtion:	1							*************							
ug/Kg	Kg t	YE	s :		1			1				1	1					1
ug/Kg	Kg l	YE	s :		1			 	`````````` }			i	l í				! !	i
ug/Kg	Kg l	YE	S :	1	1			i			1	i	f I		1			
ug/Kg	Kg i	YE	s :		1	·····					i				1			[
ug/Kg	Kg L	YE	s ;		1						[		l i	•••••	1		l	
ug/Kg	Kg L	YE	s	í				l					l					
ug/Kg	Kg L	YE	\$ }		1	1							i i					
ug/Kg	Kg L	YE	S	1	1	Ī							1		i		 	: · · · · · · · · · · · · · ·
ug/Kg	Kg L	YE	S	į	1				ì				i		i		'	
ug/Kg	Kg J	YE	S į l	ון נו		Î	U				J		i i					! • • • • • • • • • • • • • • • • • • •
ug/Kg	Kg L	YE	S L	JJ					UJ					· · · · · · · · · · · · · · · · · · ·	i\			
ug/Kg	√g ⊔	YE	3	ì	1	1	1							i	i			
ug/Kg	⟨g	YE	5		Ī	Ì							]					
ug/Kg	(g U	YE	5 }	1	ı		1											
ug/Kg	(g U	YE	3			1								······	i i	i		
ug/Kg	(g   U	YE	3 L	)J	1	1		1	UJ							······	i	
ug/Kg	(g U	YE	3	į	1	1	1							·····i	,			
ug/Kg	(g : U	YE	\$		1	Ī	ĺ		i	ì				i		· · · · · · · · · · · · · · · · · · ·	·····i	
ug/Kg	(g U	YE		1	1	1					1			ì		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
ндлКд	(g J	YES	,	J	1	Î	1			· · · · · · · · · · · · · · · · · · ·	J			····i	·····	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
ug/Kg	g U	YES	1		1	Î	1		ì	i			·····i	·····i	·····i		·······:	
ug/Kg	g U	YES			1	1		i	ì	·····					·····:		!	
ug/Kg	g U	YES			1	1	1			· · · · · · · · · · · · · · · · · · ·		1	·····	! I			······!	
ug/Kg	g U	YES			····i	ì	Î	·i	······	·····	i	!		: 	<del>-</del>	·······'	! !	• • • • • • • • • • • • • • • • • • • •
ug/Kg	g U	YES	U	J	i	i	i	i	UJ	i	i	,		ا،ا	٠٠		······!	
ug/Kg	g U	YES			·····i	· · · · · · · · · · · · · · · · · · ·	1	······································		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·····i	·				!	
			ug/Kg U YES	ug/Kg U YES		ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES	ug/Kg U YES

Project Number and Name:

ADR 8.2

11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

time.

Report Date: 9/6/2011 08:22

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

Client Sample ID: E11-120-S3

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date: 07/15/2011 Lab Sample ID: 31101879041

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overati Qual*	Temp	нт	МВ	LCS	MS	t.ab Dup	Surr	Rep Limit		Field QC	Tune	IC	ICV	CCV
Analysis Method : 8270D					Diluti															
1,2,4-Trichlorobenzene	325		ug/Kg	U	YES					i i			1	·			1 1		1	ī
1,2-Dichlorobenzene	325		ug/Kg	U	YES				` 	í Í	/	` 	: 	: !	ii		! 		i	i
1,3-Dichlorobenzene	325		ug/Kg	U	YES			**		 	: [	: }	: [	/ j	! 		!! 		 	i
1,4-Dichlorobenzene	325		ug/Kg	υ	YES						i	: 	i	 !	i				<u></u>	<u></u>
2,4,5-Trichlorophenol	325		ug/Kg	U	YES				*******			: 	: 1	: 	ii		l		: I	!
2,4,6-Trichtorophenot	325		ug/Kg	U	YES					: 	1	·		: {	ii	******	i		 1	i
2,4-Dichlorophenol	325		ug/Kg	U	YES					: 	) 				!!				 	! 
2,4-Dimethylphenol	325		ug/Kg	υ	YES				• • • • • • • • • • • • • • • • • • • •	/ 		: 	' I		ii		!		! 1	!
2,4-Dinitrotoluene	325	:	ug/Kg	U	YES						]		! 	! 	!i		! • • • • • • • • • • • • • • • • • • •		<u>'</u> I	!
2,6-Dinitrotoluene	325		ug/Kg	U	YES		· · · · · · · · · · · · · · · · · · ·	·'					!! [	' 	i				<u>.</u> !	! 
2-Chloronaphthalene	325		ug/Kg	ប	YES		·i	' 					!		ii				<u>'</u>	! 
2-Chlorophenol	325		ug/Kg	U	YES		i	ا ا	······								<del>:</del>		! I	! 
2-Melhylnaphthalene	325		ug/Kg	U	YES			·i												! 
2-Methylphenol	325	İ	ид/Кд	U	YES :			· <u>'</u>									········			! 
2-Nitroaniline	325	Î	ug/Kg	U	YES	<u>-</u>	1								i					: !
2-Nitrophenol	325		ug/Kg	U	YES		<u>.</u>	1		<u>:</u>	i		``````````````````````````````	i	]		···			i
3 and/or 4-Methylphenol	325		ug/Kg	U	YES			1	i					·····i		······	······			i
3-Nitroaniline	325		ug/Kg	U	YES		·····	ĺ	· · · · · · · · · · · · · · · · · · ·		````					· · · · · · · · · · · · · · · · · · ·				
4-Bromophenyl phenyl ether	325		ug/Kg	U	YES	1	· · · · · · · · · · · · · · · · · · ·	ì			· ·····i			······i	·	· · · · · · · · · · · · · · · · · · ·	1	• • • • • • • • • • • • • • • • • • • •		
4-Chloro-3-methylphenol	325		ug/Kg	U	YES		i	······	· · · · · · · · · · · · · · · · · · ·		·i	i	······i	······i		: ]				
4-Chloroaniline	325	Ţ	ug/Kg	υ	YES	 	1	1	······i	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·······	1	······i	i.	i	· · · · · · · · · · · · · · · · · · ·			
4-Chlorophenyl phenyl ether	325		ug/Kg	U	YES			Î			······	······								
4-Nitroaniline	325		ug/Kg	U	YES		1	l	i					· · · · · · · · · · · · · · · · · · ·	1.				'	
1-Nitrophenol	325		ug/Kg	U	YES		······.	·····	<u>-</u> -			 !		·!		····	<u>-</u>		!	
Acenaphthene	325		ug/Kg	U	YES	i	i	i	í	i	i	i				'	i			******
Acenaphthylene	325		ид/Кд	Ų	YES		····-i	·····			··· ··· ;			!		! i				

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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ADR 8.2 Report Date: 9/6/2011 08:22 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 : E11-120-S3

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/15/2011 Lab Sample ID: 31101879041

Analysis Type: RES

Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quai		Overati Qual*		HT	МВ	LCS	MS	Lab Đưp	Surr	Rep Limit	Moist Tot/Dis		Tune	1C	ICV	CCV
Analysis Method : 8270D					Dilutio	n:1														
Anthracene	325		ug/Kg	U	YES		1			1	1	1		i	1		1		Ī	T
Benzo(a)anlhracene	325		ug/Kg	U	YES					l				]				,	ĺ	1
Benzo(a)pyrene	325		ug/Kg	U	YES				1	[		1		Í			[		ĺ	
Benzo(b)fluoranthene	325		ug/Kg	U	YES								 							İ
Benzo(g,h,i)perylene	325		ug/Kg	U	YES				[								l		i	i
Benzo(k)fluoranthene	325		ug/Kg	υ	YES				1										i	1
Bis(2-Chloroethoxy)methane	325		ug/Kg	U	YES	į											1			
Bis(2-Chloroethyl)ether	325		ug/Kg	U	YES					1	1 1				1		i		 	1
Bis(2-Chloroisopropyl)ether	325	;	ug/Kg	U	YES					1	í				1		i		: 	1
Bis(2-Ethylhexyl)phthalale	325	ĺ	ug/Kg	U	YES									•••••		,	i		: 	i
Butyi benzyi phihalale	325	į	ug/Kg	Ų	YES	1	I			1	]				i i		i		: I	!
Chrysene	325		ug/Kg	U	YES														i	1
Dibenz(a,h)anthracene	325	;	ug/Kg	U ;	YES	,	1												1	i
Dibenzofuran	325		ug/Kg	U	YES														1	i
Diethyl phthalate	325		ug/Kg	U	YES		1	1				I	1		1		1	<u>.</u>	i	i
Dimethyl phthalate	325		ug/Kg	U	YES	i											1	······		i
Di-n-butyl phthalate	325		ug/Kg	ប	YES			1									i			i
Di-n-octyl phthalate	325	į	ug/Kg	U	YES			1									· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · ·	i
luoranthene	325		ug/Kg	υ	YES		1	1	1		1	1	1			·····i		··· · · · · · · · · · · · · · · · · ·	······i	i
lvorene	325		ug/Kg	U	YES		1	Ī								···· · · · · · · · · · · · · · · · · ·	········	······		: 
łexachlorobenzene	325		ug/Kg	U	YES	1	· · · · · · · · · · · · · · · · · · ·	1		ĺ	· · · · · · · · ·		1	· · · · · · · i		············	······	·····i	· · · · · · · · · · · · · · · · · · ·	: I
-lexachlorobutadiene	325		ug/Kg	υ	YES	i	1	ı	1		1	1	1			·············	1	 I		i
-lexachlorocyclopentadiene	325		ug/Kg	U	YES		1	1	1			······		1	···········	•••••••••••••••••••••••••••••••••••••••	·····	i		i
-lexachloroelhane	325	;	ид/Кд	U	YES	i	1	1	1	)	·····	······	i	3 1	· · · · · · · · · · · · · · · · · · ·	·i		<u>.</u>	1	[
ndeno(1,2,3-cd)pyrene	325	•	ид/Кд	U	YES	-	ĺ	i	Í	i	i	i			•••••!. ]		i	i	!	i
sophorone	325	· · · · · · · · · · · · · · · · · · ·	ug/Kg	U	YES	1	1	1	1				í. I	· · · · · · · · · · · · · · · · · · ·					!	!

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

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.

Client Sample ID: E11-120-S3

Lab Report Batch: 31101879

Lab ID: SGSW

Sample Date : 07/15/2011

Analysis Type: RES

Sample Matrix: SO

Lab Sample ID: 31101879041

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	Field QC	Tune	1C	ICV	CCV CCV
Analysis Method : 8270D					Diluti	on: 1														
Naphthalene	325	:	ug/Kg	Ų	YES	:			}		ì		[		i				1	Ī
Nitrobenzene	325		ug/Kg	υ	YES				1								1			1
n-Nitrosodi-n-propylamine	325		ug/Kg	U	YES				1						i				1	1
Pentachtorophenol	325		ug/Kg	U	YES			1	1	l	]		i	i	1		 		1	l
Phenanlhrene	325		ид/Кд	υ	YES					1					Ī					l
Phenal	325		ug/Kg	U	YES	ĺ	i		1	1	 		[		1		 		i	1
Pyrene	325		ug/Kg	υ	YES		1	i 	1	[	l .				1			 		[

Project Number and Name:

11-032E - 11-032E Carroll Agent Orange

Library Used:

CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:22

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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