Sample Summary

Weston Solutions

CES- Chemical Spill/4904 Griggs, Houston, TX

Job No: TC52720

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
	TC52720-1	08/05/14	14:46		08/06/14	SO	Soil	CES-CS-01-51
*	TC52720-1A	08/05/14	14:46		08/06/14	SO	Soil	CES-CS-01-51
	TC52720-2	08/05/14	15:30		08/06/14	SO	Soil	CES-CS-02-51
*	TC52720-2A	08/05/14	15:30		08/06/14	SO	Soil	CES-CS-02-51
	TC52720-3	08/05/14	16:10		08/06/14	SO	Soil	CES-CS-03-51
*	TC52720-3A	08/05/14	16:10		08/06/14	SO	Soil	CES-CS-03-51
	TC52720-4	08/05/14	16:30		08/06/14	SO	Soil	CES-CS-04-51
*	TC52720-4A	08/05/14	16:30		08/06/14	SO	Soil	CES-CS-04-51
	TC52720-5	08/05/14	17:00		08/06/14	SO	Soil	CES-CS-05-51
*	TC52720-5A	08/05/14	17:00		08/06/14	SO	Soil	CES-CS-05-51

* The following report applies to these samples only (7 day TAT).

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

9857307

Report of Analysis

Client Sample ID:	CES-CS-01-51		
Lab Sample ID:	TC52720-1A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	50.9
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	NN175501.D	10	08/11/14	AR	08/07/14	OP33468	GNN1458
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	MQL	SDL	Units	Q
309-00-2	Aldrin	11 U	32	11	ug/kg	
319-84-6	alpha-BHC	14 U	32	14	ug/kg	
319-85-7	beta-BHC	9.7 U	32	9.7	ug/kg	
319-86-8	delta-BHC	12 U	32	12	ug/kg	
58-89-9	gamma-BHC (Lindane)	12 U	32	12	ug/kg	
5103-71-9	alpha-Chlordane	7.1 U	32	7.1	ug/kg	
5103-74-2	gamma-Chlordane	7.5 U	32	7.5	ug/kg	
60-57-1	Dieldrin	25 U	65	25	ug/kg	
72-54-8	4,4'-DDD	23 U	65	23	ug/kg	
72-55-9	4,4'-DDE	25 U	65	25	ug/kg	
50-29-3	4,4'-DDT	27 U	65	27	ug/kg	
72-20-8	Endrin	25 U	65	25	ug/kg	
1031-07-8	Endosulfan sulfate	28 U	65	28	ug/kg	
7421-93-4	Endrin aldehyde	28 U	65	28	ug/kg	
53494-70-5	Endrin ketone	26 U	65	26	ug/kg	
959-98-8	Endosulfan-I	14 U	65	14	ug/kg	
33213-65-9	Endosulfan-II	26 U	65	26	ug/kg	
76-44-8	Heptachlor	9.6 U	32	9.6	ug/kg	
1024-57-3	Heptachlor epoxide	14 U	32	14	ug/kg	
72-43-5	Methoxychlor	130 U	320	130	ug/kg	
8001-35-2	Toxaphene	160 U	320	160	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		27-125%
2051-24-3	Decachlorobiphenyl	88%		21-130%

(a) Elevated reporting limits due to matrix interference, extract was dark and viscous.

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-01-51		
Lab Sample ID:	TC52720-1A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8082 SW846 3550B	**Percent Solids:**	50.9
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	OO30867.D	1	08/08/14	AR	08/07/14	OP33467	GOO508
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	MQL	SDL	Units	Q
12674-11-2	Aroclor 1016	6.5 U	32	6.5	ug/kg	
11104-28-2	Aroclor 1221	13 U	32	13	ug/kg	
11141-16-5	Aroclor 1232	13 U	32	13	ug/kg	
53469-21-9	Aroclor 1242	6.7 U	32	6.7	ug/kg	
12672-29-6	Aroclor 1248	7.7 U	32	7.7	ug/kg	
11097-69-1	Aroclor 1254	7.5 U	32	7.5	ug/kg	
11096-82-5	Aroclor 1260	17 U	32	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	45%		30-118%
2051-24-3	Decachlorobiphenyl	50%		29-122%

(a) Acid clean-up performed by method 3665A.

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-02-51		
Lab Sample ID:	TC52720-2A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	87.5
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	NN175507.D	5	08/11/14	AR	08/07/14	OP33468	GNN1458
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	MQL	SDL	Units	Q
309-00-2	Aldrin	3.3 U	9.5	3.3	ug/kg	
319-84-6	alpha-BHC	4.1 U	9.5	4.1	ug/kg	
319-85-7	beta-BHC	2.8 U	9.5	2.8	ug/kg	
319-86-8	delta-BHC	3.5 U	9.5	3.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	3.5 U	9.5	3.5	ug/kg	
5103-71-9	alpha-Chlordane	3.3	9.5	2.1	ug/kg	J
5103-74-2	gamma-Chlordane	2.2 U	9.5	2.2	ug/kg	
60-57-1	Dieldrin	7.5 U	19	7.5	ug/kg	
72-54-8	4,4'-DDD	6.8 U	19	6.8	ug/kg	
72-55-9	4,4'-DDE	7.2 U	19	7.2	ug/kg	
50-29-3	4,4'-DDT	8.0 U	19	8.0	ug/kg	
72-20-8	Endrin	7.2 U	19	7.2	ug/kg	
1031-07-8	Endosulfan sulfate	8.2 U	19	8.2	ug/kg	
7421-93-4	Endrin aldehyde	8.1 U	19	8.1	ug/kg	
53494-70-5	Endrin ketone	7.5 U	19	7.5	ug/kg	
959-98-8	Endosulfan-I	4.2 U	19	4.2	ug/kg	
33213-65-9	Endosulfan-II	7.7 U	19	7.7	ug/kg	
76-44-8	Heptachlor	2.8 U	9.5	2.8	ug/kg	
1024-57-3	Heptachlor epoxide	4.0 U	9.5	4.0	ug/kg	
72-43-5	Methoxychlor	38 U	95	38	ug/kg	
8001-35-2	Toxaphene	48 U	95	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		27-125%
2051-24-3	Decachlorobiphenyl	78%		21-130%

(a) Elevated reporting limits due to matrix interference, extract was dark and viscous.

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-02-51		
Lab Sample ID:	TC52720-2A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8082 SW846 3550B	**Percent Solids:**	87.5
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	OO30868.D	1	08/08/14	AR	08/07/14	OP33467	GOO508
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	MQL	SDL	Units	Q
12674-11-2	Aroclor 1016	3.8 U	19	3.8	ug/kg	
11104-28-2	Aroclor 1221	7.6 U	19	7.6	ug/kg	
11141-16-5	Aroclor 1232	7.6 U	19	7.6	ug/kg	
53469-21-9	Aroclor 1242	3.9 U	19	3.9	ug/kg	
12672-29-6	Aroclor 1248	4.5 U	19	4.5	ug/kg	
11097-69-1	Aroclor 1254	4.4 U	19	4.4	ug/kg	
11096-82-5	Aroclor 1260	9.8 U	19	9.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		30-118%
2051-24-3	Decachlorobiphenyl	58%		29-122%

(a) Acid clean-up performed by method 3665A.

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-03-51		
Lab Sample ID:	TC52720-3A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	71.0
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	NN175509.D	5	08/11/14	AR	08/07/14	OP33468	GNN1458
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	MQL	SDL	Units	Q
309-00-2	Aldrin	4.0 U	12	4.0	ug/kg	
319-84-6	alpha-BHC	5.0 U	12	5.0	ug/kg	
319-85-7	beta-BHC	3.5 U	12	3.5	ug/kg	
319-86-8	delta-BHC	4.3 U	12	4.3	ug/kg	
58-89-9	gamma-BHC (Lindane)	4.3 U	12	4.3	ug/kg	
5103-71-9	alpha-Chlordane [b]	3.2	12	2.5	ug/kg	J
5103-74-2	gamma-Chlordane	2.7 U	12	2.7	ug/kg	
60-57-1	Dieldrin	9.1 U	23	9.1	ug/kg	
72-54-8	4,4'-DDD	8.2 U	23	8.2	ug/kg	
72-55-9	4,4'-DDE	8.7 U	23	8.7	ug/kg	
50-29-3	4,4'-DDT	9.8 U	23	9.8	ug/kg	
72-20-8	Endrin	8.8 U	23	8.8	ug/kg	
1031-07-8	Endosulfan sulfate	9.9 U	23	9.9	ug/kg	
7421-93-4	Endrin aldehyde	9.8 U	23	9.8	ug/kg	
53494-70-5	Endrin ketone	9.1 U	23	9.1	ug/kg	
959-98-8	Endosulfan-I	5.1 U	23	5.1	ug/kg	
33213-65-9	Endosulfan-II	9.4 U	23	9.4	ug/kg	
76-44-8	Heptachlor	3.4 U	12	3.4	ug/kg	
1024-57-3	Heptachlor epoxide	4.9 U	12	4.9	ug/kg	
72-43-5	Methoxychlor	46 U	120	46	ug/kg	
8001-35-2	Toxaphene	58 U	120	58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		27-125%
2051-24-3	Decachlorobiphenyl	62%		21-130%

(a) Elevated reporting limits due to matrix interference, extract was dark and viscous.
(b) More than 40% RPD for detected concentrations between two GC columns.

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-03-51		
Lab Sample ID:	TC52720-3A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8082 SW846 3550B	**Percent Solids:**	71.0
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO30846.D	1	08/07/14	AR	08/07/14	OP33467	GOO507
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	MQL	SDL	Units	Q
12674-11-2	Aroclor 1016	4.6 U	23	4.6	ug/kg	
11104-28-2	Aroclor 1221	9.3 U	23	9.3	ug/kg	
11141-16-5	Aroclor 1232	9.3 U	23	9.3	ug/kg	
53469-21-9	Aroclor 1242	4.8 U	23	4.8	ug/kg	
12672-29-6	Aroclor 1248	5.5 U	23	5.5	ug/kg	
11097-69-1	Aroclor 1254	5.4 U	23	5.4	ug/kg	
11096-82-5	Aroclor 1260	12 U	23	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		30-118%
2051-24-3	Decachlorobiphenyl	48%		29-122%

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-04-51		
Lab Sample ID:	TC52720-4A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	70.0
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	NN175536.D	2	08/11/14	AR	08/07/14	OP33468	GNN1459
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	MQL	SDL	Units	Q
309-00-2	Aldrin	1.6 U	4.7	1.6	ug/kg	
319-84-6	alpha-BHC	2.0 U	4.7	2.0	ug/kg	
319-85-7	beta-BHC	1.4 U	4.7	1.4	ug/kg	
319-86-8	delta-BHC	1.8 U	4.7	1.8	ug/kg	
58-89-9	gamma-BHC (Lindane)	1.7 U	4.7	1.7	ug/kg	
5103-71-9	alpha-Chlordane	1.0 U	4.7	1.0	ug/kg	
5103-74-2	gamma-Chlordane	1.1 U	4.7	1.1	ug/kg	
60-57-1	Dieldrin	3.7 U	9.4	3.7	ug/kg	
72-54-8	4,4'-DDD	3.3 U	9.4	3.3	ug/kg	
72-55-9	4,4'-DDE	3.6 U	9.4	3.6	ug/kg	
50-29-3	4,4'-DDT	4.0 U	9.4	4.0	ug/kg	
72-20-8	Endrin	3.6 U	9.4	3.6	ug/kg	
1031-07-8	Endosulfan sulfate	4.0 U	9.4	4.0	ug/kg	
7421-93-4	Endrin aldehyde	4.0 U	9.4	4.0	ug/kg	
53494-70-5	Endrin ketone	3.7 U	9.4	3.7	ug/kg	
959-98-8	Endosulfan-I	2.1 U	9.4	2.1	ug/kg	
33213-65-9	Endosulfan-II	3.8 U	9.4	3.8	ug/kg	
76-44-8	Heptachlor	1.4 U	4.7	1.4	ug/kg	
1024-57-3	Heptachlor epoxide	2.0 U	4.7	2.0	ug/kg	
72-43-5	Methoxychlor	19 U	47	19	ug/kg	
8001-35-2	Toxaphene	24 U	47	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		27-125%
2051-24-3	Decachlorobiphenyl	74%		21-130%

(a) Elevated reporting limits due to matrix interference, extract was dark and viscous.

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-04-51		
Lab Sample ID:	TC52720-4A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8082 SW846 3550B	**Percent Solids:**	70.0
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO30847.D	1	08/07/14	AR	08/07/14	OP33467	GOO507
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	MQL	SDL	Units	Q
12674-11-2	Aroclor 1016	4.7 U	24	4.7	ug/kg	
11104-28-2	Aroclor 1221	9.4 U	24	9.4	ug/kg	
11141-16-5	Aroclor 1232	9.4 U	24	9.4	ug/kg	
53469-21-9	Aroclor 1242	4.9 U	24	4.9	ug/kg	
12672-29-6	Aroclor 1248	5.6 U	24	5.6	ug/kg	
11097-69-1	Aroclor 1254	5.5 U	24	5.5	ug/kg	
11096-82-5	Aroclor 1260	12 U	24	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		30-118%
2051-24-3	Decachlorobiphenyl	58%		29-122%

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-05-51		
Lab Sample ID:	TC52720-5A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	76.7
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	NN175538.D	5	08/11/14	AR	08/07/14	OP33468	GNN1459
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	MQL	SDL	Units	Q
309-00-2	Aldrin	3.7 U	11	3.7	ug/kg	
319-84-6	alpha-BHC	4.6 U	11	4.6	ug/kg	
319-85-7	beta-BHC	3.2 U	11	3.2	ug/kg	
319-86-8	delta-BHC	4.0 U	11	4.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	4.0 U	11	4.0	ug/kg	
5103-71-9	alpha-Chlordane [b]	2.4	11	2.3	ug/kg	J
5103-74-2	gamma-Chlordane	2.5 U	11	2.5	ug/kg	
60-57-1	Dieldrin	8.4 U	22	8.4	ug/kg	
72-54-8	4,4'-DDD	7.6 U	22	7.6	ug/kg	
72-55-9	4,4'-DDE	8.1 U	22	8.1	ug/kg	
50-29-3	4,4'-DDT	9.1 U	22	9.1	ug/kg	
72-20-8	Endrin	8.2 U	22	8.2	ug/kg	
1031-07-8	Endosulfan sulfate	9.2 U	22	9.2	ug/kg	
7421-93-4	Endrin aldehyde	9.1 U	22	9.1	ug/kg	
53494-70-5	Endrin ketone	8.5 U	22	8.5	ug/kg	
959-98-8	Endosulfan-I	4.7 U	22	4.7	ug/kg	
33213-65-9	Endosulfan-II	8.7 U	22	8.7	ug/kg	
76-44-8	Heptachlor	3.2 U	11	3.2	ug/kg	
1024-57-3	Heptachlor epoxide	4.5 U	11	4.5	ug/kg	
72-43-5	Methoxychlor	43 U	110	43	ug/kg	
8001-35-2	Toxaphene	54 U	110	54	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		27-125%
2051-24-3	Decachlorobiphenyl	90%		21-130%

(a) Elevated reporting limits due to matrix interference, extract was dark and viscous.
(b) More than 40% RPD for detected concentrations between two GC columns.

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CES-CS-05-51		
Lab Sample ID:	TC52720-5A	**Date Sampled:**	08/05/14
Matrix:	SO - Soil	**Date Received:**	08/06/14
Method:	SW846 8082 SW846 3550B	**Percent Solids:**	76.7
Project:	CES- Chemical Spill/4904 Griggs, Houston, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO30848.D	1	08/07/14	AR	08/07/14	OP33467	GOO507
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	MQL	SDL	Units	Q
12674-11-2	Aroclor 1016	4.3 U	22	4.3	ug/kg	
11104-28-2	Aroclor 1221	8.6 U	22	8.6	ug/kg	
11141-16-5	Aroclor 1232	8.6 U	22	8.6	ug/kg	
53469-21-9	Aroclor 1242	4.4 U	22	4.4	ug/kg	
12672-29-6	Aroclor 1248	5.1 U	22	5.1	ug/kg	
11097-69-1	Aroclor 1254	5.0 U	22	5.0	ug/kg	
11096-82-5	Aroclor 1260	11 U	22	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-118%
2051-24-3	Decachlorobiphenyl	59%		29-122%

U = Not detected SDL = Sample Detection Limit J = Indicates an estimated value
MQL = Method Quantitation Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

CHAIN OF CUSTODY

PAGE ___ OF ___

ACCUTEST Laboratories

10165 Harwin Dr, Ste 150 Houston, TX 77036
TEL 713-271-4700 FAX 713-271-4770
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: TC52720

Client / Reporting Information

Company Name: Weston Solutions, Inc.
Street Address: 5599 San Felipe, Suite 700
City / State / Zip: Houston, TX 77056
Project Contact: Tom Walzer/Kristi Warr
E-mail: t.a.walzer@westonsolutions.com K.Warr@westonsolutions.com
Phone #: 713-705-1467
Fax #: 832-444-7976 (Warr)
Sampler(s) Name(s): Tom Walzer
Phone #:

Project Information

Project Name: CES - Chemical Spill
Street: 4904 Griggs
City / State: Houston TX
Project #:
Client Purchase Order #:
Project Manager: Derrick Cobb

Billing Information (if different from Report to)
Company Name: Weston Solutions
Street Address: 5599 San Felipe Suite 700
City / State / Zip: Houston, TX 77056
Attention: Kristi Warr

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	ZnAcOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	VOA (8260)	SVOA (8270)	PEST (8081)	PCB (8082)	HERB (8151)	TAL METALS	TPH (TX1005)	LAB USE ONLY
1	CES-CS-01-51	8-5-14	1446	TAW	SO	7													✓	✓	✓	✓	✓	✓	✓	
2	CES-CS-02-51	8-5-14	1530	TAW	SO	7													✓	✓	✓	✓	✓	✓	✓	
3	CES-CS-03-51	8-5-14	1610	TAW	SO	7													✓	✓	✓	✓	✓	✓	✓	
4	CES-CS-04-51	8-5-14	1630	TAW	SO	7													✓	✓	✓	✓	✓	✓	✓	
5	CES-CS-05-51	8-5-14	1700	TAW	SO	7													✓	✓	✓	✓	✓	✓	✓	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank

Turnaround Time (Business days)
- ☐ Standard Call Kristie Warr
- ☐ 5 Day *RUSH*
- ☐ 4 Day *RUSH*
- ☐ 3 Day *RUSH*
- ☐ 2 Day *RUSH*
- ☐ 1 Day *EMERGENCY*

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information
- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULT1 (Level 3+4)
- ☐ REDT1 (Level 3+4)
- ☐ Commercial "C"
- ☐ TRRP
- ☐ EDD Format
- ☐ Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions: Preliminary report requested

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	0832 08/05/2014	1 Dennis Melder	2 Dennis Melder	8-6-14 900	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

TC52720: Chain of Custody
Page 1 of 4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: TC52720 **Client:** WESTON SOLUTIONS **Project:** CES-CHEMICAL SPILL

Date / Time Received: 8/6/2014 **Delivery Method:** **Airbill #'s:**

No. Coolers: 1 **Therm ID:** IR-5; **Temp Adjustment Factor:** 0;

Cooler Temps (Initial/Adjusted): #1: (4.2/4.2);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:		
3. Cooler media:	Ice (Bag)	

Quality Control Preservation	Y	N	N/A	WTB	STB
1. Trip Blank present / cooler:	☐	☐	☑	☐	☐
2. Trip Blank listed on COC:	☐	☐	☑		
3. Samples preserved properly:	☑	☐			
4. VOCs headspace free:	☐	☐	☑		

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:713.271.4700
10165 Harwin Drive
F: 713.271.4770
Houston, TX 77036
www/accutest.com

Sample Receipt Log

Job #: TC52720 **Date / Time Received:** 8/6/2014 9:00:00 AM **Initials:** BG

Client: WESTON SOLUTIONS

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TC52720-1	8oz	1	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-1	8oz	2	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-1	40ml	3	VR	MeOH	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	4.2	0	4.2
1	TC52720-1	40ml	4	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-1	40ml	5	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-1	40ml	6	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-1	40ml	7	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-2	8oz	1	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-2	8oz	2	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-2	40ml	3	VR	MeOH	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	4.2	0	4.2
1	TC52720-2	40ml	4	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-2	40ml	5	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-2	40ml	6	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-2	40ml	7	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-3	8oz	1	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-3	8oz	2	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-3	40ml	3	VR	MeOH	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	4.2	0	4.2
1	TC52720-3	40ml	4	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-3	40ml	5	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-3	40ml	6	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-3	40ml	7	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-4	8oz	1	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-4	8oz	2	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2

Sample Receipt Log

Job #: TC52720 **Date / Time Received:** 8/6/2014 9:00:00 AM **Initials:** BG

Client: WESTON SOLUTIONS

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TC52720-4	40ml	3	VR	MeOH	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	4.2	0	4.2
1	TC52720-4	40ml	4	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-4	40ml	5	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-4	40ml	6	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-4	40ml	7	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-5	8oz	1	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-5	8oz	2	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-5	40ml	3	VR	MeOH	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	4.2	0	4.2
1	TC52720-5	40ml	4	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-5	40ml	5	VR	DI H2O	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-5	40ml	6	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2
1	TC52720-5	40ml	7	2-40	N/P	Note #2 - Preservative check not applicable.	IR-5	4.2	0	4.2