



6500 Sunplex Drive
Ocean Springs, MS 39564
228.875.6420 Phone
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October 07, 2009

Doug Mallonee

Work Order # : 0909254

Advanced Containment Recovery US LLC
1807 William St.
Pascagoula, MS 39567
RE: FILTER TCE

Purchase Order #

Enclosed are the results of analyses for samples received by the laboratory on 09/16/09 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Harry P. Howell". The signature is written in a cursive style.

Harry P. Howell

President

DISCLAIMER

The results only relate to the items or the sample and/or samples received by the laboratory. This report shall not be reproduced except in full, without the approval of the laboratory. All test methods performed meet the requirements of NELAC. Any variances and/or deviations specific to this analytical report are referenced in the lab report using qualifiers and detailed explanations found in the case narrative report.



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Advanced Containment Recovery US LLC
1807 William St.
Pascagoula MS, 39567

Project: FILTER TCE
Project Number: [none]
Project Manager: Doug Mallonee

Reported:
10/07/09 11:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ACR-1	0909254-01	Water	09/15/09 05:00	09/16/09 09:00
ACR-1 (filtered)	0909254-02	Water	09/22/09 13:00	09/16/09 09:00
ACR-1 (continuous filter)	0909254-03	Water	09/29/09 13:16	09/16/09 09:00
ACR-1 (continuous filter and fine grained column)	0909254-04	Water	09/29/09 13:35	09/16/09 09:00

Advanced Containment Recovery US LLC
1807 William St.
Pascagoula MS, 39567

Project: FILTER TCE
Project Number: [none]
Project Manager: Doug Mallonee

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10/07/09 11:14

Case Narrative

Organics: 8260B-5030/Volatiles

Batch #9I23012

The sample(s) were analyzed within the required holding time. 8260B-5030

All target analytes in the lab blank were below the MRL. 8260B-5030

The instrument calibration met the acceptance criteria for all reported analytes. 8260B-5030

All surrogates were within the acceptance criteria range. 8260B-5030

Lab control sample(s) within the acceptance criteria range. 8260B-5030

Matrix spike sample(s) within acceptance criteria range. 8260B-5030

Sample(s) received and analyzed with zero headspace. 8260B-5030

pH of sample(s) is less than two. 8260B-5030

No qualifiers indicated. 8260B-5030

QC attached to WO #0909333

Organics: 8260B-5030/Volatiles

Batch #9I24013

The sample(s) were analyzed within the required holding time. 8260B-5030

All target analytes in the lab blank were below the MRL. 8260B-5030

The instrument calibration met the acceptance criteria for all reported analytes. 8260B-5030

All surrogates were within the acceptance criteria range. 8260B-5030

Lab control sample(s) within the acceptance criteria range. 8260B-5030

Matrix spike sample(s) within acceptance criteria range. 8260B-5030

Sample(s) received and analyzed with zero headspace. 8260B-5030

pH of sample(s) is less than two. 8260B-5030

Qualifiers: DL-2, E-01. See notes and definitions. 8260B-5030

QC attached to WO #0909338

Organics: 8260B-5030/Volatiles

Batch #9I30019

The sample(s) were analyzed within the required holding time. 8260B-5030

All target analytes in the lab blank were below the MRL. 8260B-5030

The instrument calibration met the acceptance criteria for all reported analytes. 8260B-5030

All surrogates were within the acceptance criteria range. 8260B-5030

Lab control sample(s) within the acceptance criteria range. 8260B-5030

Matrix spike sample(s) within acceptance criteria range. 8260B-5030

Sample(s) received and analyzed with zero headspace. 8260B-5030

pH of sample(s) is less than two. 8260B-5030

Qualifiers: DL-2, E-01. See notes and definitions. 8260B-5030

QC attached to WO #0909438

ACR-1 (filtered)

Two 1000 ml columns were packed with approximately 62.8 cubic inches of Recoverit. One column had full grained media and the second column had fine grained media packed in it. The columns were vertically placed over each other to increase the volume of media in which the raw sample was to pass through. An adjustable stopcock was placed on the tip of the first column to control the rate in which the sample passes through both columns. 250 ml of raw sample was added to the first column. 32 minutes elapsed until the collection of filtrate was halted and analyzed.

ACR-1 (continuous filter)

One 1000 ml column was packed with approximately 62.8 cubic inches of full grained Recoverit. An adjustable stopcock was placed on the tip of the first column to control the rate in which the sample passes through the column. 500 ml of raw sample was added to the column and was continuously ran through the column for 30 minutes. The column setup produced a flow rate of approximately 60 ml per minute.

ACR-1 (continuous filter and fine grained column)

250 ml of the filtered sample from the process listed in ACR-1 (continuous filter) was then added to a finishing column containing 62.8 cubic inches of fine grained Recoverit. 8 minutes elapsed until the collection of the filtrate was halted and analyzed.

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ACR-1

0909254-01 (Water)

Analyte	Result	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method	Notes
		Limit									

Volatile Organic Compounds by EPA Method 8260B

DL-2

1,1-Dichloroethene	20.2	10.0	ug/L	10	9I24013	tkm	09/22/09 10:00	09/23/09 15:17	EPA 8260B	
1,2-Dichloroethane	ND	10.0	"	"	"	tkm	"	"	"	
cis-1,2-Dichloroethene	9370	100	"	100	"	tkm	"	09/23/09 15:41	"	E-01
trans-1,2-Dichloroethene	22.1	10.0	"	10	"	tkm	"	09/23/09 15:17	"	
Trichloroethene	1510	10.0	"	"	"	tkm	"	"	"	
Vinyl chloride	1480	10.0	"	"	"	tkm	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		104 %		83-131	"	tkm	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		90.9-115	"	tkm	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.9 %		82.3-112	"	tkm	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.3 %		81.5-114	"	tkm	"	"	"	

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ACR-1 (filtered)
0909254-02 (Water)

Analyte	Result	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method	Notes
		Limit									

Volatile Organic Compounds by EPA Method 8260B

1,1-Dichloroethene	ND	1.00	ug/L	1	9I23012	KRL	09/22/09 16:00	09/22/09 23:15	EPA 8260B
1,2-Dichloroethane	ND	1.00	"	"	"	KRL	"	"	"
cis-1,2-Dichloroethene	55.4	1.00	"	"	"	KRL	"	"	"
trans-1,2-Dichloroethene	ND	1.00	"	"	"	KRL	"	"	"
Trichloroethene	1.82	1.00	"	"	"	KRL	"	"	"
Vinyl chloride	6.70	1.00	"	"	"	KRL	"	"	"
<i>Surrogate: Dibromofluoromethane</i>		100 %		83-131	"	KRL	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %		90.9-115	"	KRL	"	"	"
<i>Surrogate: Toluene-d8</i>		97.3 %		82.3-112	"	KRL	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		93.2 %		81.5-114	"	KRL	"	"	"



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**ACR-1 (continuous filter)
 0909254-03 (Water)**

Analyte	Result	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method	Notes
		Limit									

Volatile Organic Compounds by EPA Method 8260B

1,1-Dichloroethene	1.08	1.00	ug/L	1	9I30019	KRL	09/29/09 13:45	09/29/09 13:59	EPA 8260B	
1,2-Dichloroethane	ND	1.00	"	"	"	KRL	"	"	"	
cis-1,2-Dichloroethene	1260	10.0	"	10	"	KRL	"	09/29/09 16:00	"	E-01
trans-1,2-Dichloroethene	1.83	1.00	"	1	"	KRL	"	09/29/09 13:59	"	
Trichloroethene	77.0	1.00	"	"	"	KRL	"	"	"	
Vinyl chloride	196	10.0	"	10	"	KRL	"	09/29/09 16:00	"	DL-2
<i>Surrogate: Dibromofluoromethane</i>		104 %		90.3-125	"	KRL	"	09/29/09 13:59	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		90.9-115	"	KRL	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.0 %		82.3-112	"	KRL	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.3 %		81.5-114	"	KRL	"	"	"	

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**ACR-1 (continuous filter and fine grained column)
0909254-04 (Water)**

Analyte	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method	Notes
	Result	Limit								

Volatile Organic Compounds by EPA Method 8260B

1,1-Dichloroethene	ND	1.00	ug/L	1	9I30019	KRL	09/29/09 13:35	09/29/09 13:35	EPA 8260B	
1,2-Dichloroethane	ND	1.00	"	"	"	KRL	"	"	"	
cis-1,2-Dichloroethene	122	1.00	"	"	"	KRL	"	"	"	
trans-1,2-Dichloroethene	ND	1.00	"	"	"	KRL	"	"	"	
Trichloroethene	2.97	1.00	"	"	"	KRL	"	"	"	
Vinyl chloride	14.0	1.00	"	"	"	KRL	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		104 %		90.3-125		"	KRL	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		90.9-115		"	KRL	"	"	"
<i>Surrogate: Toluene-d8</i>		95.5 %		82.3-112		"	KRL	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		88.8 %		81.5-114		"	KRL	"	"	"

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Project: FILTER TCE
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Project Manager: Doug Mallonee

Reported:
10/07/09 11:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9I23012 - EPA 5030B

Blank (9I23012-BLK1)

Prepared & Analyzed: 09/22/09

1,1-Dichloroethene	ND	1.00	ug/L							
1,2-Dichloroethane	ND	1.00	"							
cis-1,2-Dichloroethene	ND	1.00	"							
trans-1,2-Dichloroethene	ND	1.00	"							
Trichloroethene	ND	1.00	"							
Vinyl chloride	ND	1.00	"							
Surrogate: Dibromofluoromethane	50.8		"	50.0		102	83-131			
Surrogate: 1,2-Dichloroethane-d4	50.6		"	50.0		101	90.9-115			
Surrogate: Toluene-d8	48.7		"	50.0		97.3	82.3-112			
Surrogate: 4-Bromofluorobenzene	47.5		"	50.0		95.0	81.5-114			

LCS (9I23012-BS1)

Prepared & Analyzed: 09/22/09

1,1-Dichloroethene	18.3	1.00	ug/L	20.0		91.5	83.8-132			
1,2-Dichloroethane	19.8	1.00	"	20.0		98.8	81.9-130			
cis-1,2-Dichloroethene	19.4	1.00	"	20.0		97.1	85.4-122			
trans-1,2-Dichloroethene	19.4	1.00	"	20.0		97.1	85.1-126			
Trichloroethene	18.9	1.00	"	20.0		94.3	87.2-117			
Vinyl chloride	15.5	1.00	"	20.0		77.5	65.9-132			
Surrogate: Dibromofluoromethane	50.5		"	50.0		101	83-131			
Surrogate: 1,2-Dichloroethane-d4	53.7		"	50.0		107	90.9-115			
Surrogate: Toluene-d8	49.5		"	50.0		99.0	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.3		"	50.0		98.6	81.5-114			

LCS Dup (9I23012-BSD1)

Prepared & Analyzed: 09/22/09

1,1-Dichloroethene	20.0	1.00	ug/L	20.0		100	83.8-132	8.93	35	
1,2-Dichloroethane	20.0	1.00	"	20.0		100	81.9-130	1.21	35	
cis-1,2-Dichloroethene	19.5	1.00	"	20.0		97.5	85.4-122	0.411	35	
trans-1,2-Dichloroethene	20.0	1.00	"	20.0		100	85.1-126	3.09	35	
Trichloroethene	20.3	1.00	"	20.0		101	87.2-117	7.21	35	
Vinyl chloride	16.7	1.00	"	20.0		83.5	65.9-132	7.52	35	
Surrogate: Dibromofluoromethane	51.6		"	50.0		103	83-131			
Surrogate: 1,2-Dichloroethane-d4	50.5		"	50.0		101	90.9-115			
Surrogate: Toluene-d8	49.3		"	50.0		98.6	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.3		"	50.0		98.6	81.5-114			

Advanced Containment Recovery US LLC
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Project: FILTER TCE
Project Number: [none]
Project Manager: Doug Mallonee

Reported:
10/07/09 11:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9123012 - EPA 5030B

Matrix Spike (9123012-MS1)

Source: 0909333-01

Prepared & Analyzed: 09/22/09

1,1-Dichloroethene	18.3	1.00	ug/L	20.0	ND	91.4	79.1-129			
1,2-Dichloroethane	19.1	1.00	"	20.0	ND	95.4	78-140			
cis-1,2-Dichloroethene	18.7	1.00	"	20.0	ND	93.3	80.9-121			
trans-1,2-Dichloroethene	18.5	1.00	"	20.0	ND	92.6	83.4-129			
Trichloroethene	18.9	1.00	"	20.0	ND	94.7	86.2-117			
Vinyl chloride	15.0	1.00	"	20.0	ND	75.1	64.2-125			
Surrogate: Dibromofluoromethane	50.4		"	50.0		101	83-131			
Surrogate: 1,2-Dichloroethane-d4	52.6		"	50.0		105	90.9-115			
Surrogate: Toluene-d8	49.7		"	50.0		99.5	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.5		"	50.0		99.1	81.5-114			

Matrix Spike Dup (9123012-MSD1)

Source: 0909333-01

Prepared & Analyzed: 09/22/09

1,1-Dichloroethene	18.6	1.00	ug/L	20.0	ND	93.1	79.1-129	1.90	40	
1,2-Dichloroethane	20.8	1.00	"	20.0	ND	104	78-140	8.87	40	
cis-1,2-Dichloroethene	19.0	1.00	"	20.0	ND	94.9	80.9-121	1.75	40	
trans-1,2-Dichloroethene	19.4	1.00	"	20.0	ND	97.1	83.4-129	4.75	40	
Trichloroethene	19.2	1.00	"	20.0	ND	96.0	86.2-117	1.36	40	
Vinyl chloride	16.1	1.00	"	20.0	ND	80.4	64.2-125	6.75	40	
Surrogate: Dibromofluoromethane	52.0		"	50.0		104	83-131			
Surrogate: 1,2-Dichloroethane-d4	51.2		"	50.0		102	90.9-115			
Surrogate: Toluene-d8	49.6		"	50.0		99.2	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.4		"	50.0		98.8	81.5-114			

Batch 9124013 - EPA 5030B

Blank (9124013-BLK1)

Prepared & Analyzed: 09/23/09

1,1-Dichloroethene	ND	5.00	ug/L							
1,2-Dichloroethane	ND	5.00	"							
cis-1,2-Dichloroethene	ND	5.00	"							
trans-1,2-Dichloroethene	ND	5.00	"							
Trichloroethene	ND	5.00	"							
Vinyl chloride	ND	5.00	"							
Surrogate: Dibromofluoromethane	50.9		"	50.0		102	83-131			
Surrogate: 1,2-Dichloroethane-d4	47.7		"	50.0		95.4	90.9-115			
Surrogate: Toluene-d8	47.8		"	50.0		95.6	82.3-112			
Surrogate: 4-Bromofluorobenzene	45.5		"	50.0		91.1	81.5-114			

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Project: FILTER TCE
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9I24013 - EPA 5030B

LCS (9I24013-BS1)		Prepared & Analyzed: 09/23/09								
1,1-Dichloroethene	18.4	5.00	ug/L	20.0		92.2	83.8-132		35	
1,2-Dichloroethane	20.7	5.00	"	20.0		104	81.9-130		35	
cis-1,2-Dichloroethene	20.0	5.00	"	20.0		99.9	85.4-122		35	
trans-1,2-Dichloroethene	20.3	5.00	"	20.0		102	85.1-126		35	
Trichloroethene	19.6	5.00	"	20.0		97.8	87.2-117		35	
Vinyl chloride	15.5	5.00	"	20.0		77.5	65.9-132		35	
Surrogate: Dibromofluoromethane	50.4		"	50.0		101	83-131			
Surrogate: 1,2-Dichloroethane-d4	51.5		"	50.0		103	90.9-115			
Surrogate: Toluene-d8	48.6		"	50.0		97.2	82.3-112			
Surrogate: 4-Bromofluorobenzene	48.4		"	50.0		96.7	81.5-114			

LCS Dup (9I24013-BSD1)		Prepared & Analyzed: 09/23/09								
1,1-Dichloroethene	17.1	5.00	ug/L	20.0		85.6	83.8-132	7.43	35	
1,2-Dichloroethane	20.0	5.00	"	20.0		99.8	81.9-130	3.78	35	
cis-1,2-Dichloroethene	18.2	5.00	"	20.0		91.1	85.4-122	9.22	35	
trans-1,2-Dichloroethene	18.8	5.00	"	20.0		94.1	85.1-126	7.67	35	
Trichloroethene	18.3	5.00	"	20.0		91.3	87.2-117	6.88	35	
Vinyl chloride	14.0	5.00	"	20.0		70.2	65.9-132	9.96	35	
Surrogate: Dibromofluoromethane	52.1		"	50.0		104	83-131			
Surrogate: 1,2-Dichloroethane-d4	50.1		"	50.0		100	90.9-115			
Surrogate: Toluene-d8	49.2		"	50.0		98.3	82.3-112			
Surrogate: 4-Bromofluorobenzene	48.6		"	50.0		97.2	81.5-114			

Matrix Spike (9I24013-MS1)		Source: 0909338-02		Prepared & Analyzed: 09/23/09						
1,1-Dichloroethene	18.6	5.00	ug/L	20.0	ND	93.2	79.1-129		40	
1,2-Dichloroethane	20.4	5.00	"	20.0	ND	102	78-140		40	
cis-1,2-Dichloroethene	20.1	5.00	"	20.0	ND	100	80.9-121		40	
trans-1,2-Dichloroethene	20.2	5.00	"	20.0	ND	101	83.4-129		40	
Trichloroethene	19.0	5.00	"	20.0	ND	94.8	86.2-117		40	
Vinyl chloride	15.0	5.00	"	20.0	ND	74.9	64.2-125		40	
Surrogate: Dibromofluoromethane	52.8		"	50.0		106	83-131			
Surrogate: 1,2-Dichloroethane-d4	49.8		"	50.0		99.5	90.9-115			
Surrogate: Toluene-d8	48.7		"	50.0		97.3	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.4		"	50.0		98.9	81.5-114			

Advanced Containment Recovery US LLC
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Project: FILTER TCE
Project Number: [none]
Project Manager: Doug Mallonee

Reported:
10/07/09 11:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9I24013 - EPA 5030B

Matrix Spike Dup (9I24013-MSD1)

Source: 0909338-02

Prepared & Analyzed: 09/23/09

1,1-Dichloroethene	17.3	5.00	ug/L	20.0	ND	86.5	79.1-129	7.46	40	
1,2-Dichloroethane	20.1	5.00	"	20.0	ND	101	78-140	1.09	40	
cis-1,2-Dichloroethene	18.9	5.00	"	20.0	ND	94.7	80.9-121	5.85	40	
trans-1,2-Dichloroethene	19.3	5.00	"	20.0	ND	96.6	83.4-129	4.26	40	
Trichloroethene	19.0	5.00	"	20.0	ND	94.9	86.2-117	0.0527	40	
Vinyl chloride	14.6	5.00	"	20.0	ND	73.0	64.2-125	2.50	40	
Surrogate: Dibromofluoromethane	51.2		"	50.0		102	83-131			
Surrogate: 1,2-Dichloroethane-d4	49.8		"	50.0		99.6	90.9-115			
Surrogate: Toluene-d8	47.3		"	50.0		94.5	82.3-112			
Surrogate: 4-Bromofluorobenzene	47.9		"	50.0		95.9	81.5-114			

Batch 9I30019 - EPA 5030B

Blank (9I30019-BLK1)

Prepared & Analyzed: 09/29/09

1,1-Dichloroethene	ND	1.00	ug/L							
1,2-Dichloroethane	ND	5.00	"							
cis-1,2-Dichloroethene	ND	1.00	"							
trans-1,2-Dichloroethene	ND	1.00	"							
Trichloroethene	ND	1.00	"							
Vinyl chloride	ND	1.00	"							
Surrogate: Dibromofluoromethane	51.7		"	50.0		103	83-131			
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	90.9-115			
Surrogate: Toluene-d8	48.2		"	50.0		96.4	82.3-112			
Surrogate: 4-Bromofluorobenzene	45.9		"	50.0		91.8	81.5-114			

LCS (9I30019-BS1)

Prepared & Analyzed: 09/29/09

1,1-Dichloroethene	21.1	1.00	ug/L	20.0		106	83.8-132		35	
1,2-Dichloroethane	20.6	5.00	"	20.0		103	81.9-130			
cis-1,2-Dichloroethene	19.5	1.00	"	20.0		97.5	85.4-122		35	
trans-1,2-Dichloroethene	21.7	1.00	"	20.0		108	85.1-126		35	
Trichloroethene	19.9	1.00	"	20.0		99.7	87.2-117		35	
Vinyl chloride	19.4	1.00	"	20.0		97.2	65.9-132		35	
Surrogate: Dibromofluoromethane	52.4		"	50.0		105	83-131			
Surrogate: 1,2-Dichloroethane-d4	51.3		"	50.0		103	90.9-115			
Surrogate: Toluene-d8	49.6		"	50.0		99.1	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.0		"	50.0		98.0	81.5-114			

Advanced Containment Recovery US LLC
1807 William St.
Pascagoula MS, 39567

Project: FILTER TCE
Project Number: [none]
Project Manager: Doug Mallonee

Reported:
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9I30019 - EPA 5030B

LCS Dup (9I30019-BSD1)

Prepared & Analyzed: 09/29/09

1,1-Dichloroethene	21.0	1.00	ug/L	20.0		105	83.8-132	0.807	35	
1,2-Dichloroethane	20.0	5.00	"	20.0		99.8	81.9-130	3.01	35	
cis-1,2-Dichloroethene	19.5	1.00	"	20.0		97.3	85.4-122	0.257	35	
trans-1,2-Dichloroethene	20.5	1.00	"	20.0		103	85.1-126	5.35	35	
Trichloroethene	19.0	1.00	"	20.0		95.0	87.2-117	4.83	35	
Vinyl chloride	19.2	1.00	"	20.0		96.2	65.9-132	1.03	35	
Surrogate: Dibromofluoromethane	50.3		"	50.0		101	83-131			
Surrogate: 1,2-Dichloroethane-d4	52.3		"	50.0		105	90.9-115			
Surrogate: Toluene-d8	48.7		"	50.0		97.5	82.3-112			
Surrogate: 4-Bromofluorobenzene	48.5		"	50.0		97.1	81.5-114			

Matrix Spike (9I30019-MS1)

Source: 0909438-02

Prepared & Analyzed: 09/29/09

1,1-Dichloroethene	22.6	1.00	ug/L	20.0	ND	113	79.1-129		40	
1,2-Dichloroethane	21.3	5.00	"	20.0	ND	107	78-140			
cis-1,2-Dichloroethene	20.6	1.00	"	20.0	1.68	94.7	80.9-121		40	
trans-1,2-Dichloroethene	22.4	1.00	"	20.0	ND	112	83.4-129		40	
Trichloroethene	21.0	1.00	"	20.0	ND	105	86.2-117		40	
Vinyl chloride	20.7	1.00	"	20.0	ND	104	64.2-125		40	
Surrogate: Dibromofluoromethane	52.0		"	50.0		104	83-131			
Surrogate: 1,2-Dichloroethane-d4	52.4		"	50.0		105	90.9-115			
Surrogate: Toluene-d8	48.1		"	50.0		96.3	82.3-112			
Surrogate: 4-Bromofluorobenzene	48.3		"	50.0		96.7	81.5-114			

Matrix Spike Dup (9I30019-MSD1)

Source: 0909438-02

Prepared & Analyzed: 09/29/09

1,1-Dichloroethene	22.8	1.00	ug/L	20.0	ND	114	79.1-129	0.749	40	
1,2-Dichloroethane	21.1	5.00	"	20.0	ND	105	78-140	1.18	40	
cis-1,2-Dichloroethene	20.5	1.00	"	20.0	1.68	94.3	80.9-121	0.389	40	
trans-1,2-Dichloroethene	22.0	1.00	"	20.0	ND	110	83.4-129	1.98	40	
Trichloroethene	20.2	1.00	"	20.0	ND	101	86.2-117	3.89	40	
Vinyl chloride	21.3	1.00	"	20.0	ND	106	64.2-125	2.67	40	
Surrogate: Dibromofluoromethane	51.6		"	50.0		103	83-131			
Surrogate: 1,2-Dichloroethane-d4	50.8		"	50.0		102	90.9-115			
Surrogate: Toluene-d8	46.8		"	50.0		93.7	82.3-112			
Surrogate: 4-Bromofluorobenzene	47.7		"	50.0		95.3	81.5-114			

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Certified Analyses Included in this Report

Analyte	Certifications
EPA 8260B in Water	
1,1,1,2-Tetrachloroethane	LELAP,NELAP
1,1,1-Trichloroethane	LELAP,NELAP
1,1,2,2-Tetrachloroethane	LELAP,NELAP
1,1,2-Trichloroethane	LELAP,NELAP
1,1,2-Trichlorotrifluoroethane	LELAP,NELAP
1,1-Dichloroethane	LELAP,NELAP
1,1-Dichloroethene	LELAP,NELAP
1,1-Dichloropropene	LELAP,NELAP
1,2,3-Trichlorobenzene	LELAP,NELAP
1,2,3-Trichloropropane	LELAP,NELAP
1,2,4- Trimethylbenzene	LELAP,NELAP
1,2,4-Trichlorobenzene	LELAP,NELAP
1,2-Dibromo-3-chloropropane	LELAP,NELAP
1,2-Dibromoethane (EDB)	LELAP,NELAP
1,2-Dichlorobenzene	LELAP,NELAP
1,2-Dichloroethane	LELAP,NELAP
1,2-Dichloropropane	LELAP,NELAP
1,3,5-Trimethylbenzene	LELAP,NELAP
1,3-Dichlorobenzene	LELAP,NELAP
1,3-Dichloropropane	LELAP,NELAP
1,4-Dichlorobenzene	LELAP,NELAP
1,4-Dioxane	LELAP,NELAP
2,2-Dichloropropane	LELAP,NELAP
2-Butanone	LELAP,NELAP
2-Chloroethylvinyl ether	LELAP,NELAP
2-Chlorotoluene	LELAP,NELAP
2-Hexanone	LELAP,NELAP
4-Chlorotoluene	LELAP,NELAP
4-Isopropyltoluene	LELAP,NELAP
4-Methyl-2-pentanone	LELAP,NELAP
Acetone	LELAP,NELAP
Acrolein	LELAP,NELAP
Acrylonitrile	LELAP,NELAP
Benzene	LELAP,NELAP
Bromobenzene	LELAP,NELAP
Bromochloromethane	LELAP,NELAP
Bromodichloromethane	LELAP,NELAP
Bromoform	LELAP,NELAP
Bromomethane	LELAP,NELAP

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Carbon disulfide	LELAP,NELAP
Carbon Tetrachloride	LELAP,NELAP
Chlorobenzene	LELAP,NELAP
Chloroethane	LELAP,NELAP
Chloroform	LELAP,NELAP
Chloromethane	LELAP,NELAP
cis-1,2-Dichloroethene	LELAP,NELAP
cis-1,3-Dichloropropene	LELAP,NELAP
cis-1,4-Dichloro-2-butene	LELAP,NELAP
Dibromochloromethane	LELAP,NELAP
Dibromomethane	LELAP,NELAP
Dichlorodifluoromethane	LELAP,NELAP
Diethyl ether	LELAP,NELAP
Ethylbenzene	LELAP,NELAP
Hexachlorobutadiene	LELAP,NELAP
Hexane	LELAP,NELAP
Iodomethane	LELAP,NELAP
Isopropylbenzene	LELAP,NELAP
m,p-Xylene	LELAP,NELAP
Methyl tert-Butyl Ether	LELAP,NELAP
Methylene chloride	LELAP,NELAP
Naphthalene	LELAP,NELAP
n-Butylbenzene	LELAP,NELAP
n-Propyl Benzene	LELAP,NELAP
o-Xylene	LELAP,NELAP
sec-Butyl Benzene	LELAP,NELAP
Styrene	LELAP,NELAP
t-Butyl Benzene	LELAP,NELAP
Tert-butyl alcohol	LELAP,NELAP
Tetrachloroethene	LELAP,NELAP
Tetrahydrofuran	LELAP,NELAP
Toluene	LELAP,NELAP
trans-1,2-Dichloroethene	LELAP,NELAP
trans-1,3-Dichloropropene	LELAP,NELAP
trans-1,4-Dichloro-2-butene	LELAP,NELAP
Trichloroethene	LELAP,NELAP
Trichlorofluoromethane	LELAP,NELAP
Vinyl acetate	LELAP,NELAP
Vinyl chloride	LELAP,NELAP
Dibromofluoromethane	LELAP,NELAP



6500 Sunplex Drive
Ocean Springs, MS 39564
228-875-6420 Phone
228-875-6423 Fax

Advanced Containment Recovery US LLC
1807 William St.
Pascagoula MS, 39567

Project: FILTER TCE
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Code	Description	Number	Expires
LELAP	LA Enviro Lab Accreditation Program	01960	06/30/2010
NELAP	National Enviro Lab Accreditation Program		06/30/2010



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Notes and Definitions

E-01 The concentration for this analyte is above the calibration range of the instrument. Results are from a secondary dilution.

DL-2 Analyzed at a secondary dilution.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

Micro-Methods Lab, Inc.
6500 Sumpter Drive, Ocean Springs, MS 39564
Ph: 228-875-6420 • Fax: 228-875-6423

Chain of Custody / Analysis Request Form
Print ALL Information. Put N/A in blanks not applicable

Field pH: _____ Tech: *SN* Time: *9:00*
Field Temperature: _____
Iced: Yes No *15* 9-16-09 *TH3*
Sample Receipt Temperature: *T. Beal*

REPORT RESULTS TO:

SEND INVOICE TO:

TURNAROUND TIME

Company: *ADVANCED COUNTRYWIDE REC*

Company: *ACE US* PO#: _____

Date Results needed by: _____
Standard turnaround time is 10 working days
The following turnaround times require lab approval:
 7-10 days 72 Hrs 48 Hrs
 24 Hrs Approved by _____

Name: *DOUG MALLONEE*

Name: *WAYNE COOK*

Address: *9516 SKY VISTA DR*

Address: *1807 WILLIAMS ST*

City: *MOBILE* State: *AL* ZIP: *36575*

City: *PASCAGOULA* State: *MS* ZIP: *39567*

TEL: *251 591 8566* FAX: _____

TEL: *228 934 2440* FAX: _____

Project Name: *FILTER TCE* Date of Sample Shipment: _____

Station Location / Sample ID: *0909254*

For Lab Use Only Sample Number	Station Location / Sample ID	DATE	TIME	Sampling			# CONTAINERS
				C O M P	G R A B		
1.	<i>ACR-1</i>	<i>9-15-09</i>	<i>0500</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>VOC</i>	<i>14</i>
2.	_____	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____	_____

Released By Signature: *[Signature]* Date & Time Released: *9-15-09/0950*

Received By Signature: *Fed Ex*

Date & Time Received: _____

Released By Signature: *Fed Ex*

Date & Time Released: _____

Received By Signature: *Juan Polson*

Date & Time Received: *9-16-09*

Printed Name: _____

Printed Name: *Ferris Polson*

Date & Time Received: *9:00*

- Please indicate reporting requirements:
- 1. Results Only (EPA Level I)
 - 2. Results & QC (EPA Level II)
 - 3. Results, QC and Raw Data (EPA Level III)

Failure to complete shaded areas will hinder processing of samples.

Sampling

List Test Needed