



6500 Sunplex Drive
Ocean Springs, MS 39564
228.875.6420 Phone
228.875.6423 Fax

July 17, 2009

Doug Mallonee

Work Order # : 0907012

Advanced Containment Recovery US LLC
1807 William St.
Pascagoula, MS 39567
RE: VOC N.J.

Purchase Order #

Enclosed are the results of analyses for samples received by the laboratory on 06/29/09 13:00. 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 with a large initial 'H'.

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: VOC N.J.
Project Number: [none]
Project Manager: Doug Mallonee

Reported:
07/17/09 11:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N.J. Raw	0907012-01	Water	06/29/09 09:00	06/29/09 13:00
N.J. Filtered	0907012-02	Water	06/29/09 09:00	06/29/09 13:00



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Project Number: [none]
Project Manager: Doug Mallonee

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07/17/09 11:29

Case Narrative

SAMPLE RECEIVING

Samples received in good condition.
Chain of Custody and container labels agree.
Container labels cinomplete.
Chain of Custody complete.

Recoverit Procedure

N.J. Filtered

A 1000 ml column was packed with approximately 62.8 cubic inches of Recoverit (regular grained). An adjustable stopcock was placed on the tip of the column to control the rate in which the sample passes through. 250 ml of raw sample was added to the column. 17 minutes elapsed until the the last drop of sample was collected.

Organics: 8260B-5030/Volatiles

Batch#9G16016

The sample(s) were analyzed within the required holding time except as noted. HT-10 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
Sample(s) analyzed with zero headspace. 8260B-5030
pH of sample(s) is less than two. 8260B-5030
Qualifiers: E, E-01, HT-10. See notes and definitions. 8260B-5030

Organics: 8260B-5030/Volatiles

Batch#9G16017

The sample(s) were not analyzed within the required holding time. HT-03 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
Sample(s) analyzed with zero headspace. 8260B-5030
pH of sample(s) is less than two. 8260B-5030
Qualifiers: E-01, HT-03. See notes and definitions. 8260B-5030

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Project: VOC N.J.
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N.J. Raw
0907012-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA Method 8260B

1,1-Dichloroethene	33.7	1.00	ug/L	1	9G16016	07/02/09	07/02/09	EPA 8260B	
1,2-Dichloroethane	ND	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	11600	50.0	"	50	"	"	07/16/09	"	E, E-01, HT-10
trans-1,2-Dichloroethene	35.4	1.00	"	1	"	"	07/02/09	"	
Trichloroethene	3000	25.0	"	25	"	"	07/16/09	"	E-01, HT-10
Vinyl chloride	1670	25.0	"	"	"	"	"	"	E-01, HT-10
<i>Surrogate: Dibromofluoromethane</i>		122 %		90.3-125	"	"	07/02/09	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %		90.9-115	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		88.9 %		82.3-112	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.7 %		81.5-114	"	"	"	"	

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N.J. Filtered
0907012-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA Method 8260B

HT-03

1,1-Dichloroethene	3.39	1.00	ug/L	1	9G16017	07/15/09	07/16/09	EPA 8260B	
1,2-Dichloroethane	ND	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	2220	25.0	"	25	"	"	07/16/09	"	E-01
trans-1,2-Dichloroethene	4.34	1.00	"	1	"	"	07/16/09	"	
Trichloroethene	388	10.0	"	10	"	"	07/16/09	"	E-01
Vinyl chloride	291	10.0	"	"	"	"	"	"	E-01
<i>Surrogate: Dibromofluoromethane</i>		103 %		90.3-125	"	"	07/16/09	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %		90.9-115	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.2 %		82.3-112	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.3 %		81.5-114	"	"	"	"	

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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 9G16016 - EPA 5030B

Blank (9G16016-BLK1)

Prepared & Analyzed: 07/02/09

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	59.9		"	50.0		120	90.3-125			
Surrogate: 1,2-Dichloroethane-d4	53.6		"	50.0		107	90.9-115			
Surrogate: Toluene-d8	44.4		"	50.0		88.7	82.3-112			
Surrogate: 4-Bromofluorobenzene	47.0		"	50.0		93.9	81.5-114			

LCS (9G16016-BS1)

Prepared & Analyzed: 07/02/09

1,1-Dichloroethene	24.8	1.00	ug/L	20.0		124	83.8-132		35	
1,2-Dichloroethane	25.8	1.00	"	20.0		129	81.9-130		35	
cis-1,2-Dichloroethene	21.9	1.00	"	20.0		110	85.4-122		35	
trans-1,2-Dichloroethene	24.6	1.00	"	20.0		123	85.1-126		35	
Trichloroethene	21.9	1.00	"	20.0		109	87.2-117		35	
Vinyl chloride	22.5	1.00	"	20.0		113	65.9-132		35	
Surrogate: Dibromofluoromethane	59.4		"	50.0		119	90.3-125			
Surrogate: 1,2-Dichloroethane-d4	53.4		"	50.0		107	90.9-115			
Surrogate: Toluene-d8	44.5		"	50.0		88.9	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.9		"	50.0		99.8	81.5-114			

LCS Dup (9G16016-BSD1)

Prepared & Analyzed: 07/02/09

1,1-Dichloroethene	25.0	1.00	ug/L	20.0		125	83.8-132	1.00	35	
1,2-Dichloroethane	25.8	1.00	"	20.0		129	81.9-130	0.116	35	
cis-1,2-Dichloroethene	21.9	1.00	"	20.0		109	85.4-122	0.0914	35	
trans-1,2-Dichloroethene	23.2	1.00	"	20.0		116	85.1-126	5.99	35	
Trichloroethene	21.6	1.00	"	20.0		108	87.2-117	1.24	35	
Vinyl chloride	21.9	1.00	"	20.0		109	65.9-132	2.93	35	
Surrogate: Dibromofluoromethane	57.0		"	50.0		114	90.3-125			
Surrogate: 1,2-Dichloroethane-d4	53.0		"	50.0		106	90.9-115			
Surrogate: Toluene-d8	45.6		"	50.0		91.2	82.3-112			
Surrogate: 4-Bromofluorobenzene	49.5		"	50.0		99.0	81.5-114			

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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 9G16017 - EPA 5030B

Blank (9G16017-BLK1)

Prepared & Analyzed: 07/15/09

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	49.0		"	50.0		97.9	90.3-125			
Surrogate: 1,2-Dichloroethane-d4	52.8		"	50.0		106	90.9-115			
Surrogate: Toluene-d8	47.9		"	50.0		95.8	82.3-112			
Surrogate: 4-Bromofluorobenzene	46.8		"	50.0		93.7	81.5-114			

LCS (9G16017-BS1)

Prepared & Analyzed: 07/15/09

1,1-Dichloroethene	19.8	1.00	ug/L	20.0		99.0	83.8-132		35	
1,2-Dichloroethane	19.9	1.00	"	20.0		99.6	81.9-130		35	
cis-1,2-Dichloroethene	18.9	1.00	"	20.0		94.3	85.4-122		35	
trans-1,2-Dichloroethene	18.9	1.00	"	20.0		94.5	85.1-126		35	
Trichloroethene	18.6	1.00	"	20.0		92.9	87.2-117		35	
Vinyl chloride	18.2	1.00	"	20.0		91.1	65.9-132		35	
Surrogate: Dibromofluoromethane	50.0		"	50.0		100	90.3-125			
Surrogate: 1,2-Dichloroethane-d4	49.4		"	50.0		98.8	90.9-115			
Surrogate: Toluene-d8	47.7		"	50.0		95.5	82.3-112			
Surrogate: 4-Bromofluorobenzene	47.7		"	50.0		95.4	81.5-114			

LCS Dup (9G16017-BSD1)

Prepared & Analyzed: 07/15/09

1,1-Dichloroethene	19.5	1.00	ug/L	20.0		97.5	83.8-132	1.53	35	
1,2-Dichloroethane	20.9	1.00	"	20.0		105	81.9-130	4.95	35	
cis-1,2-Dichloroethene	20.5	1.00	"	20.0		103	85.4-122	8.43	35	
trans-1,2-Dichloroethene	20.1	1.00	"	20.0		101	85.1-126	6.21	35	
Trichloroethene	19.9	1.00	"	20.0		99.7	87.2-117	7.06	35	
Vinyl chloride	18.7	1.00	"	20.0		93.4	65.9-132	2.55	35	
Surrogate: Dibromofluoromethane	49.5		"	50.0		99.0	90.3-125			
Surrogate: 1,2-Dichloroethane-d4	49.7		"	50.0		99.4	90.9-115			
Surrogate: Toluene-d8	48.9		"	50.0		97.8	82.3-112			
Surrogate: 4-Bromofluorobenzene	48.6		"	50.0		97.2	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

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Bromomethane	LELAP,NELAP
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



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Code	Description	Number	Expires
LELAP	LA Enviro Lab Accreditation Program	01960	06/30/2009
NELAP	National Enviro Lab Accreditation Program		06/30/2009



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Notes and Definitions

- HT-10 The original analysis of this sample yielded concentrations for this analyte above the calibration range of the instrument. It was re-analyzed at a secondary dilution after the recommended maximum hold time for confirmation of reported results.
- HT-03 This sample was analyzed outside the EPA recommended holding time.
- E-01 The concentration for this analyte is above the calibration range of the instrument. Results are from a secondary dilution.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- 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 Sunplex 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: _____ Time: _____
Field Temperature: _____
Iced: Yes No
Sample Receipt Temperature: _____

REPORT RESULTS TO:

SEND INVOICE TO:

TURNAROUND TIME

Company: *Advanced Land Waste Etc.*

Company: _____ PO#: _____

Date Results needed by: _____
Standard turnaround time is 10 working days

Name: *Diana Mallonee*

Name: _____

The following turnaround times require lab approval:
 7-10 days 72 Hrs 48 Hrs

Address: *1807 William St*

Address: _____

City: *Prattville*

City: _____

State: *MS*

State: _____

24 Hrs 72 Hrs 48 Hrs

ZIP: *35567*

ZIP: _____

TEL: *9342446*

TEL: _____

FAX: _____

Sampled by: (Signature)
(Print)

Project Name: *Vol N.S.*

Date of Sample Shipment: _____

Failure to complete shaded areas will hinder processing of samples.

Sampling

List Test Needed

For Lab Use Only Sample Number	Station Location / Sample ID	DATE	TIME	Sampling		TCE M-DCP P	C R A B	Methane	ethane, ethene	# CONTAINERS
				C O M P	G R A B					
1.	<i>D967012</i>	<i>1/29/09</i>	<i>0500</i>	-	-	-	-	-	-	<i>11</i>
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										

Released By
Signature

Received By
Signature

Date & Time Received

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)

Printed Name
Signature

Date & Time Released

Printed Name
Signature

Date & Time Received

Released By
Signature

Received By
Signature

Date & Time Received

Printed Name

Printed Name

Date & Time Received

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)