



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

May 13, 2009

Doug Mallonee

Work Order # : 0905127

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

Purchase Order #

RE: Soil

Enclosed are the results of analyses for samples received by the laboratory on 05/07/09 11:20. 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 clear, legible font.

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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1807 William St.
Pascagoula MS, 39567

Project: Soil
Project Number: [none]
Project Manager: Doug Mallonee

Reported:
05/13/09 15:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1	0905127-01	Soil	05/06/09 13:00	05/07/09 11:20
S2	0905127-02	Soil	05/06/09 13:00	05/07/09 11:20
S3	0905127-03	Soil	05/06/09 13:00	05/07/09 11:20
S4	0905127-04	Soil	05/06/09 13:00	05/07/09 11:20



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Case Narrative

SAMPLE RECEIVING

Samples received in good condition.
Samples not delivered to laboratory on ice.
Chain of Custody and container labels agree.
Container labels incomplete.
Chain of Custody complete.

WET LAB CASE NARRATIVE

Holding Times:

The sample(s) were analyzed within the required holding time. SM 4110 B SM 5520 F

Method Blanks:

Lab/Method Blanks were below the Reporting Limit. SM 4110 B SM 5520 F

Instrument Calibration:

The instrument(s) calibration met the acceptance criteria. SM 4110 B SM 5520 F

Lab Control(s):

Lab Control Sample(s) within acceptance criteria range. SM 4110 B

Duplicate Sample(s)

Duplicate results within the acceptance criteria range. SM 4110 B SM 5520 F

Qualifiers: None. SM 4110 B SM 5520 F

Analysis Comments: None. SM 4110 B SM 5520 F



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S1

0905127-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Classical Chemistry Parameters

Chloride	7.0	5.0	mg/kg	1	9E13006	05/12/09	05/12/09	SM 4110B	
Total Extractable Hydrocarbons	ND	10.0	"	"	9E13021	05/12/09	05/12/09	SM 5520F	



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Reported:
 05/13/09 15:53

S2

0905127-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Classical Chemistry Parameters

Chloride	9.5	5.0	mg/kg	1	9E13006	05/12/09	05/12/09	SM 4110B	
Total Extractable Hydrocarbons	ND	10.0	"	"	9E13021	05/12/09	05/12/09	SM 5520F	



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 Project Manager: Doug Mallonee

Reported:
 05/13/09 15:53

S3

0905127-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Classical Chemistry Parameters

Chloride	8.4	5.0	mg/kg	1	9E13006	05/12/09	05/12/09	SM 4110B	
Total Extractable Hydrocarbons	1050	10.0	"	"	9E13021	05/12/09	05/12/09	SM 5520F	



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Reported:
 05/13/09 15:53

S4

0905127-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Classical Chemistry Parameters

Chloride	9.1	5.0	mg/kg	1	9E13006	05/12/09	05/12/09	SM 4110B	
Total Extractable Hydrocarbons	ND	10.0	"	"	9E13021	05/12/09	05/12/09	SM 5520F	

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05/13/09 15:53

Classical Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9E13006 - Default Prep GenChem

Blank (9E13006-BLK1)				Prepared & Analyzed: 05/12/09						
Chloride	ND	5.0	mg/kg							
LCS (9E13006-BS1)				Prepared & Analyzed: 05/12/09						
Chloride	9.7		mg/L	10.0		97.4	75-125		30	
LCS Dup (9E13006-BSD1)				Prepared & Analyzed: 05/12/09						
Chloride	9.8		mg/L	10.0		97.7	75-125	0.308	30	
Duplicate (9E13006-DUP1)				Source: 0905127-04			Prepared & Analyzed: 05/12/09			
Chloride	9.0	5.0	mg/kg		9.1			0.882	30	

Batch 9E13021 - Default Prep GenChem

Blank (9E13021-BLK1)				Prepared & Analyzed: 05/12/09						
Total Extractable Hydrocarbons	ND	10.0	mg/kg							
Duplicate (9E13021-DUP1)				Source: 0905127-01			Prepared & Analyzed: 05/12/09			
Total Extractable Hydrocarbons	ND	10.0	mg/kg		ND				35	

Certified Analyses included in this Report

Analyte **Certifications**

Code **Description** **Number** **Expires**



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Notes and Definitions

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 Samplex 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: _____

Company: Advanced Contaminant Recovery PO#: _____ Date Results needed by: _____

Name: Doug Mallonee Name: _____ Standard turnaround time is 10 working days

Address: 1807 Williams St. Address: _____ The following turnaround times require lab approval:

City: Bascagala City: _____ 7-10 days 72 Hrs 48 Hrs

State: MS State: _____ 24 Hrs Approved by _____

TEL: 228-934-2440 FAX: _____ Date of Sample Shipment: _____

Sampled by: (Signature) Doug Mallonee Project Name: _____ List Test Needed _____
 (Print) _____

Failure to complete shaded areas will hinder processing of samples.

For Lab Use Only Sample Number	Station Location / Sample ID	DATE	TIME	Sampling			# CONTAINERS
				C O M P	R A B	G R A B	
1.	<u>0916S127</u>	<u>5-6-07</u>	<u>1pm</u>			<u>TPH</u>	
2.		<u>5-6-07</u>	<u>1pm</u>			<u>chlonda</u>	<u>1</u>
3.		<u>5-6-07</u>	<u>1pm</u>				<u>1</u>
4.		<u>5-6-07</u>	<u>1pm</u>				<u>1</u>
5.							
6.							
7.							
8.							
9.							
10.							

Released By Signature: [Signature] Date & Time Released: 5/7/07 Received By Signature: [Signature] Date & Time Received: 5/7/07

Printed Name: Doug Mallonee Date & Time Released: 1120 Received By Printed Name: Dave Brown Date & Time Received: 1120

Signature: _____ Printed Name: _____

Printed Name: _____

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)