

argon laboratories

Safety & Environmental Solutions, Inc.
703 E. Clinton Ave
Hobbs, NM 88240

Project Number: OXY-08-003
Project Name: Shell by Fed #3 Spill
Project Manager: Bob Allen

Work Order No.:
C806011

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#1 Surface	C806011-01	Soil	06/18/08 10:00	06/18/08 15:30
#2 Surface	C806011-02	Soil	06/18/08 10:10	06/18/08 15:30
#3 Surface	C806011-03	Soil	06/18/08 10:20	06/18/08 15:30
#4 Surface	C806011-04	Soil	06/18/08 10:30	06/18/08 15:30



QC Officer Approval

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ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
#1 Surface (C806011-01) Soil Sampled: 06/18/08 10:00 Received: 06/18/08 15:30							
Chloride	180	20	mg/kg	2	06/26/08	EPA 300.0	
#2 Surface (C806011-02) Soil Sampled: 06/18/08 10:10 Received: 06/18/08 15:30							
Chloride	560	50	mg/kg	5	06/26/08	EPA 300.0	
#3 Surface (C806011-03) Soil Sampled: 06/18/08 10:20 Received: 06/18/08 15:30							
Chloride	64	10	mg/kg	1	06/26/08	EPA 300.0	
#4 Surface (C806011-04) Soil Sampled: 06/18/08 10:30 Received: 06/18/08 15:30							
Chloride	10	10	mg/kg	1	06/26/08	EPA 300.0	



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BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
#1 Surface (C806011-01) Soil Sampled: 06/18/08 10:00 Received: 06/18/08 15:30							
Benzene	ND	0.050	mg/kg	10	06/25/08	8021B	
Toluene	0.52	0.050	"	"	"	"	
Ethylbenzene	0.44	0.050	"	"	"	"	
Xylenes (total)	5.8	0.10	"	"	"	"	
Surr. Rec.:		101 %			"	"	
#2 Surface (C806011-02) Soil Sampled: 06/18/08 10:10 Received: 06/18/08 15:30							
Benzene	ND	0.050	mg/kg	10	06/25/08	8021B	
Toluene	0.81	0.050	"	"	"	"	
Ethylbenzene	0.74	0.050	"	"	"	"	
Xylenes (total)	9.3	0.10	"	"	"	"	
Surr. Rec.:		100 %			"	"	
#3 Surface (C806011-03) Soil Sampled: 06/18/08 10:20 Received: 06/18/08 15:30							
Benzene	ND	0.050	mg/kg	10	06/25/08	8021B	
Toluene	1.1	0.050	"	"	"	"	
Ethylbenzene	0.59	0.050	"	"	"	"	
Xylenes (total)	12	0.10	"	"	"	"	
Surr. Rec.:		106 %			"	"	
#4 Surface (C806011-04) Soil Sampled: 06/18/08 10:30 Received: 06/18/08 15:30							
Benzene	ND	0.050	mg/kg	10	06/25/08	8021B	
Toluene	0.53	0.050	"	"	"	"	
Ethylbenzene	0.15	0.050	"	"	"	"	
Xylenes (total)	7.4	0.10	"	"	"	"	
Surr. Rec.:		94 %			"	"	



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Project Number: OXY-08-003
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 Project Manager: Bob Allen

Work Order No.:
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Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
#1 Surface (C806011-01) Soil	Sampled: 06/18/08 10:00	Received: 06/18/08 15:30					
Total Petroleum Hydrocarbons	100000	2000	mg/kg	100	06/26/08	EPA 418.1	
#2 Surface (C806011-02) Soil	Sampled: 06/18/08 10:10	Received: 06/18/08 15:30					
Total Petroleum Hydrocarbons	59000	1000	mg/kg	50	06/26/08	EPA 418.1	
#3 Surface (C806011-03) Soil	Sampled: 06/18/08 10:20	Received: 06/18/08 15:30					
Total Petroleum Hydrocarbons	90000	2000	mg/kg	100	06/26/08	EPA 418.1	
#4 Surface (C806011-04) Soil	Sampled: 06/18/08 10:30	Received: 06/18/08 15:30					
Total Petroleum Hydrocarbons	110000	2000	mg/kg	100	06/26/08	EPA 418.1	

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ANALYSIS REPORT - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch CR00096 - General Prep								
Blank (CR00096-BLK1)				Prepared & Analyzed: 06/26/08				
Chloride	ND	10	mg/kg					
LCS (CR00096-BS1)				Prepared & Analyzed: 06/26/08				
Chloride	5.00		mg/kg	5.00		100		
LCS Dup (CR00096-BSD1)				Prepared & Analyzed: 06/26/08				
Chloride	5.55		mg/kg	5.00		111	10	
Matrix Spike (CR00096-MS1)				Prepared & Analyzed: 06/26/08				
Chloride	4.85		mg/kg	5.00		97		
Matrix Spike Dup (CR00096-MSD1)				Prepared & Analyzed: 06/26/08				
Chloride	4.95		mg/kg	5.00		99	2	

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BTEX EPA Method 8021B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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Batch CR00097 - EPA 5030B

Blank (CR00097-BLK1)

Prepared & Analyzed: 06/25/08

Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0430		mg/kg	0.0500		86		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					

LCS (CR00097-BS1)

Prepared & Analyzed: 06/25/08

Toluene	0.043		mg/kg	0.0500		86		
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LCS Dup (CR00097-BSD1)

Prepared & Analyzed: 06/25/08

Toluene	0.041		mg/kg	0.0500		82	5	
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Matrix Spike (CR00097-MS1)

Prepared & Analyzed: 06/25/08

Benzene	0.051		mg/kg	0.0500		102		
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Matrix Spike Dup (CR00097-MSD1)

Prepared & Analyzed: 06/25/08

Benzene	0.043		mg/kg	0.0500		86	17	
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Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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Batch CR00098 - EPA 3550B

Blank (CR00098-BLK1)				Prepared & Analyzed: 06/26/08				
Total Petroleum Hydrocarbons	ND	20	mg/kg					
LCS (CR00098-BS1)				Prepared & Analyzed: 06/26/08				
Total Petroleum Hydrocarbons	107		mg/kg	100		107		
LCS Dup (CR00098-BSD1)				Prepared & Analyzed: 06/26/08				
Total Petroleum Hydrocarbons	110		mg/kg	100		110	3	
Matrix Spike (CR00098-MS1)				Prepared & Analyzed: 06/26/08				
Total Petroleum Hydrocarbons	91.0		mg/kg	100		91		
Matrix Spike Dup (CR00098-MSD1)				Prepared & Analyzed: 06/26/08				
Total Petroleum Hydrocarbons	94.0		mg/kg	100		94	3	


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Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



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email: info@argonlabs.com

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06 November 2008

Bob Allen
Safety & Environmental Solutions, Inc.
703 E. Clinton Ave
Hobbs, NM 88240

RE: OXY Shelby Battery Project Data

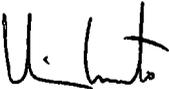
Enclosed are the results for sample(s) received on 10/29/08 15:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,



Hiram Cueto
Lab Manager

Project No: OKY-08-003
 Project Title: OKY Shelby Battery IC
 Location: Carlsbad, NM 8822
 Sampler's Name: _____
 (print)
 Sampler's Signature: _____
 Client: SEST
 Address: 703 E Clinton
Hobbs, NM 88240
 Contact: _____
 Phone: _____
 Fax: (575)397-0510
 Bill To: _____
 Client Address: Same

Sample ID	TURN AROUND TIME			# Containers	Matrix	Standard (5 days)	COMMENTS
	RUSH	24 Hour	48 Hour				
SP #1 Area 2				1	Soil	<input checked="" type="checkbox"/>	BTX TH 4181 CI
SP #1 Area 2				1	Soil		
#1 Surface				1	Soil		
#2 Surface				1	Soil		
#3 Surface				1	Soil		
#4 Surface				1	Soil		
#5 Surface				1	Soil		

ANALYSIS
 Received By: [Signature] Date: 10-29-08 Time: 1500
 Relinquished By: [Signature] Date: 10/29/08 Time: 1500
 Relinquished By: _____ Date: _____ Time: _____
 Relinquished By: _____ Date: _____ Time: _____
 SPECIAL INSTRUCTIONS:

Argon Laboratories Sample Receipt Checklist

Client Name: SESI Date & Time Received: 10/29/08 15:00

Project Name: Oxy Shelby Battery Client Project Number: OXY-08-003

Received By: RE Matrix: Water Soil

Sample Carrier: Client Laboratory Fed Ex UPS Other

Argon Labs Project Number: C810008

Shipper Container in good condition? N/A Yes No Samples received in proper containers? Yes No

Samples received under refrigeration? Yes No Samples received intact? Yes No

Chain of custody present? Yes No Sufficient sample volume for requested tests? Yes No

Chain of Custody signed by all parties? Yes No Samples received within holding time? Yes No

Do samples contain proper preservative? N/A Yes No

Chain of Custody matches all sample labels? Yes No Do VOA vials contain zero headspace? (None submitted) Yes No

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments: _____

Action Taken: _____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments: _____
