

argon laboratories

06 November 2008

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

RE: Oxy Big Wall Battery Project Data

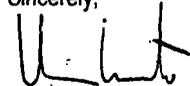
Enclosed are the results for sample(s) received on 10/29/08 15:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

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

Argon Labs

2126 W. Marland Ave Hobbs, NM 88240
 (505)397-0295 (505)397-0296 info@argonlabs.com

CHAIN OF CUSTODY

1169

Project No: OXY 8705 Project Title: Oxy Big Well Battery Location: Carlshed, NM		Client: SEST Address: 203 E Clinton Hobbs, nm 88240 Contact: (575)397-0510 Phone: (575)397-0510 Fax:		Bill To: Client: SAME Address:	
Sampler's Name: Isaac Kincaid (print)		ANALYSIS			
Sampler's Signature: 		COMMENTS			
RUSH <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> other <input type="checkbox"/> Standard (5 days) <input checked="" type="checkbox"/>		Matrix			
TURN AROUND TIME		# Containers			
Sample ID.	Date	Time	Matrix		
SP #1 area 2	10/3/08	1110	1	Soil	✓
SP #2 area 2	10/3/08	1115	1	Soil	✓
#1 surface	10/27/08	1105	1	Soil	✓
#2 surface	10/27/08	1110	1	Soil	✓
#3 surface	10/27/08	1115	1	Soil	✓
#4 surface	10/27/08	1120	1	Soil	✓
Relinquished By: 		Date:	Time:	SPECIAL INSTRUCTIONS:	
Relinquished By:		Date:	Time:	Date: 10-29-08 Time: 1500	
Relinquished By:		Date:	Time:	Date: Time:	

Argon Laboratories Sample Receipt Checklist

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

Project Name: Oxy Big Walt Battery Client Project Number: OXY-07-015

Received By: R.E. Matrix: Water Soil Sludge

Sample Carrier: Client Laboratory Fed Ex UPS Other

Argon Labs Project Number: C810007

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

N/A Yes No Samples received intact? Yes No

Samples received under refrigeration? Yes No Sufficient sample volume for requested tests? Yes No

Chain of custody present? Yes No Samples received within holding time? Yes No

Chain of Custody signed by all parties? Yes No Do samples contain proper preservative?
N/A Yes No

Chain of Custody matches all sample labels? Do VOA vials contain zero headspace?
Yes No (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:



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

Project Number: Oxy-07-015
Project Name: Oxy Big Walt Battery
Project Manager: Bob Allen



Work Order No.:
C810007

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP #1 Area 2	C810007-01	Soil	10/03/08 11:10	10/29/08 15:00
SP #2 Area 2	C810007-02	Soil	10/03/08 11:15	10/29/08 15:00
#1 Surface	C810007-03	Soil	10/27/08 11:05	10/29/08 15:00
#2 Surface	C810007-04	Soil	10/27/08 11:10	10/29/08 15:00
#3 Surface	C810007-05	Soil	10/27/08 11:15	10/29/08 15:00
#4 Surface	C810007-06	Soil	10/27/08 11:20	10/29/08 15:00

Approved By
Argon Laboratories, Inc.

QC Officer



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: Oxy-07-015 Project Name: Oxy Big Walt Battery Project Manager: Bob Allen	Work Order No.: C810007
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ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
SP #1 Area 2 (C810007-01) Soil Sampled: 10/03/08 11:10 Received: 10/29/08 15:00							
Chloride	450	40	mg/kg	4	11/05/08	EPA 300.0	
SP #2 Area 2 (C810007-02) Soil Sampled: 10/03/08 11:15 Received: 10/29/08 15:00							
Chloride	280	20	mg/kg	2	11/05/08	EPA 300.0	
#1 Surface (C810007-03) Soil Sampled: 10/27/08 11:05 Received: 10/29/08 15:00							
Chloride	96	10	mg/kg	1	11/05/08	EPA 300.0	
#2 Surface (C810007-04) Soil Sampled: 10/27/08 11:10 Received: 10/29/08 15:00							
Chloride	350	40	mg/kg	4	11/05/08	EPA 300.0	
#3 Surface (C810007-05) Soil Sampled: 10/27/08 11:15 Received: 10/29/08 15:00							
Chloride	22	10	mg/kg	1	11/05/08	EPA 300.0	
#4 Surface (C810007-06) Soil Sampled: 10/27/08 11:20 Received: 10/29/08 15:00							
Chloride	130	20	mg/kg	2	11/05/08	EPA 300.0	

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BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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SP #1 Area 2 (C810007-01) Soil Sampled: 10/03/08 11:10 Received: 10/29/08 15:00 **D-1**

Benzene	ND	0.10	mg/kg	20	11/05/08	8021B	
Toluene	ND	0.10	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	

Surr. Rec.: 81 % " "

SP #2 Area 2 (C810007-02) Soil Sampled: 10/03/08 11:15 Received: 10/29/08 15:00

Benzene	ND	0.005	mg/kg	1	11/05/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	

Surr. Rec.: 95 % " "

#1 Surface (C810007-03) Soil Sampled: 10/27/08 11:05 Received: 10/29/08 15:00 **D-1**

Benzene	ND	0.025	mg/kg	5	11/05/08	8021B	
Toluene	ND	0.025	"	"	"	"	
Ethylbenzene	ND	0.025	"	"	"	"	
Xylenes (total)	ND	0.050	"	"	"	"	

Surr. Rec.: 100 % " "

#2 Surface (C810007-04) Soil Sampled: 10/27/08 11:10 Received: 10/29/08 15:00 **D-1**

Benzene	ND	0.10	mg/kg	20	11/05/08	8021B	
Toluene	ND	0.10	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	

Surr. Rec.: 104 % " "

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BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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#3 Surface (C810007-05) Soil **Sampled: 10/27/08 11:15** **Received: 10/29/08 15:00** **D-1**

Benzene	ND	0.025	mg/kg	5	11/05/08	8021B	
Toluene	ND	0.025	"	"	"	"	
Ethylbenzene	ND	0.025	"	"	"	"	
Xylenes (total)	ND	0.050	"	"	"	"	

Surr. Rec.: 119 % " "

#4 Surface (C810007-06) Soil **Sampled: 10/27/08 11:20** **Received: 10/29/08 15:00** **D-1**

Benzene	ND	0.10	mg/kg	20	11/05/08	8021B	
Toluene	ND	0.10	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	

Surr. Rec.: 109 % " "

Approved By Argon Laboratories, Inc.	QC Officer
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Safety & Environmental Solutions, Inc.
703 E. Clinton Ave
Hobbs, NM 88240

Project Number: Oxy-07-015
Project Name: Oxy Big Walt Battery
Project Manager: Bob Allen

Work Order No.:
C810007

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
SP #1 Area 2 (C810007-01) Soil Sampled: 10/03/08 11:10 Received: 10/29/08 15:00							
Total Petroleum Hydrocarbons	27000	400	mg/kg	20	11/05/08	EPA 418.1	
SP #2 Area 2 (C810007-02) Soil Sampled: 10/03/08 11:15 Received: 10/29/08 15:00							
Total Petroleum Hydrocarbons	25	20	mg/kg	1	11/05/08	EPA 418.1	
#1 Surface (C810007-03) Soil Sampled: 10/27/08 11:05 Received: 10/29/08 15:00							
Total Petroleum Hydrocarbons	970	80	mg/kg	4	11/05/08	EPA 418.1	
#2 Surface (C810007-04) Soil Sampled: 10/27/08 11:10 Received: 10/29/08 15:00							
Total Petroleum Hydrocarbons	22000	400	mg/kg	20	11/05/08	EPA 418.1	
#3 Surface (C810007-05) Soil Sampled: 10/27/08 11:15 Received: 10/29/08 15:00							
Total Petroleum Hydrocarbons	4900	20	mg/kg	1	11/05/08	EPA 418.1	
#4 Surface (C810007-06) Soil Sampled: 10/27/08 11:20 Received: 10/29/08 15:00							
Total Petroleum Hydrocarbons	31000	400	mg/kg	20	11/05/08	EPA 418.1	

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Safety & Environmental Solutions, Inc.
703 E. Clinton Ave
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Project Number: Oxy-07-015
Project Name: Oxy Big Walt Battery
Project Manager: Bob Allen

Work Order No.:
C810007

ANALYSIS REPORT - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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Batch CR00157 - General Prep

Blank (CR00157-BLK1)				Prepared & Analyzed: 11/05/08				
Chloride	ND	10	mg/kg					
LCS (CR00157-BS1)				Prepared & Analyzed: 11/05/08				
Chloride	4.50		mg/kg	5.00		90		
LCS Dup (CR00157-BSD1)				Prepared & Analyzed: 11/05/08				
Chloride	4.65		mg/kg	5.00		93	3	
Matrix Spike (CR00157-MS1)				Prepared & Analyzed: 11/05/08				
Chloride	4.25		mg/kg	5.00		85		
Matrix Spike Dup (CR00157-MSD1)				Prepared & Analyzed: 11/05/08				
Chloride	4.05		mg/kg	5.00		81	5	

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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 CR00159 - EPA 5030B

Blank (CR00159-BLK1)				Prepared & Analyzed: 11/05/08				
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.0475		mg/kg	0.0500		95		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					
LCS (CR00159-BS1)				Prepared & Analyzed: 11/05/08				
Benzene	0.048		mg/kg	0.0500		96		
LCS Dup (CR00159-BSD1)				Prepared & Analyzed: 11/05/08				
Benzene	0.048		mg/kg	0.0500		96	0	
Matrix Spike (CR00159-MS1)				Prepared & Analyzed: 11/05/08				
Toluene	0.045		mg/kg	0.0500		90		
Matrix Spike Dup (CR00159-MSD1)				Prepared & Analyzed: 11/05/08				
Toluene	0.043		mg/kg	0.0500		86	5	

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Project Name: Oxy Big Walt Battery
Project Manager: Bob Allen

Work Order No.:
C810007

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 CR00158 - EPA 3550B

Blank (CR00158-BLK1)				Prepared & Analyzed: 11/05/08				
Total Petroleum Hydrocarbons	ND	20	mg/kg					
LCS (CR00158-BS1)				Prepared & Analyzed: 11/05/08				
Total Petroleum Hydrocarbons	117		mg/kg	100		117		
LCS Dup (CR00158-BSD1)				Prepared & Analyzed: 11/05/08				
Total Petroleum Hydrocarbons	114		mg/kg	100		114	3	
Matrix Spike (CR00158-MS1)				Prepared & Analyzed: 11/05/08				
Total Petroleum Hydrocarbons	103		mg/kg	100		103		
Matrix Spike Dup (CR00158-MSD1)				Prepared & Analyzed: 11/05/08				
Total Petroleum Hydrocarbons	107		mg/kg	100		107	4	

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Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C810007

Notes and Definitions

- D-1 Sample diluted due to high concentration of target analytes and/or high organic content.
- 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

Approved By
Argon Laboratories, Inc.

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