

District I  
1625 N French Dr, Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report XX Final Report

Name of Company Oxy USA WTP	Contact Dusty Wilson	
Address 1017 W. Stanolind Rd	Telephone No. (575) 397-8247	
Facility Name MLMU # 213	Facility Type Oil Well Site	
Surface Owner Kelly Meyers	Mineral Owner Oxy	Lease No. 30-025-11045

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	7	24s	37E					Lea

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release Produce Water	Volume of Release 35 bw	Volume Recovered 30 bw
Source of Release Flow Line	Date and Hour of Occurrence 2/1/2009	Date and Hour of Discovery 2/1/2009
Was Immediate Notice Given? X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Buddy Hill	
By Whom? DUSTY WILSON	Date and Hour 2/2/2009 @ 1500 hrs	
Was a Watercourse Reached? <input type="checkbox"/> Yes X No	If YES, Volume Impacting the Watercourse. n/a	
If a Watercourse was Impacted, Describe Fully.*  N/A		

**RECEIVED**  
APR 10 2009  
HOBBSOCD

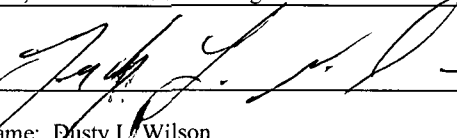
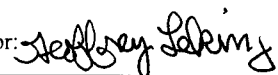
**Describe Cause of Problem and Remedial Action Taken.\***

Flow line seperated due to freezing. Spill was contained within location area. Vac Truck was used to pick up all free standing fluids. Site was remediated to NMOCD requirements determined by Jeff Leking on 3/02/09.

**Describe Area Affected and Cleanup Action Taken.\***

Remediated to NMOCD Requirements. Work is complete.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Dusty L. Wilson	Approved by District Supervisor: 	
Title: HES Specialist	Approval Date: 04/14/09	Expiration Date: —
E-mail Address: dusty_wilson@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 4/3/2009	Phone: (575) 397-8210	IRP-09.2.2104

- Attach Additional Sheets If Necessary

**OXY**  
**RECEIVED**

APR 10 2009  
HOBBSOCD

**OXY USA WTP LP**

4008 N. Grimes PMB#269  
Hobbs, NM 88240  
575-397-8210 Office  
575-397-8204

4/3/2009

NMOCD  
1625 N. FRENCH DRIVE  
HOBBS NM 88240

RE: FINAL REPORT/ REPORTABLE SPILL 02/01/09  
MLMU # 213/API# 30-025-11045

To Whom It May Concern:

This spill occurred on 02/01/2009 and was reported to the NMOCD via telephone the next day. Oxy reported a loss of 35 bbls of Produce Water. 30 bbls Produce Water were recovered by vac truck the day of the release. The original C-141 form was hand delivered to the NMOCD 02/09/2009. The affected spill area was contained within the above listed well location site, and affected a 20' X 100' area at the surface level. A visual inspection of the site showed that all of the surface fluids were recovered via vac truck at the time of the spill. Soil samples were obtained from the spill site area. A backhoe, was used to excavate the affected soil to a depth of 3", and removed them to an approved disposal, Sundance Services, Eunice NM. The area was backfilled with clean soils and remediation completed. The above was approved via telephone by NMOCD, Jeff Leking, on 3/2/09 at 2:45 pm.

This letter is to inform the NMOCD that all remediation for this spill was completed to NMOCD standards, and to close this spill site. If any further information is needed please feel free to contact Dusty Wilson, HES Specialist, Oxy Permian, at (575) 441-7189.

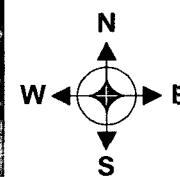
A copy of the original C-141, Analytical results, and a site diagram are being sent with this letter. Thank you for your attention on this matter.

Thank You,

  
Dusty L. Wilson

HES Specialist, Oxy Permian, Seminole RMT  
(575) 441-7189

OXY MLMU #213



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APR 10 2009  
HOBBSOCD

Hiram Cueto  
Lab Manager

$$2^{10} = 1024 \text{ (bits)} = 128 \text{ (bytes)} = 16 \text{ (KB)} = 2 \text{ (MB)} = 0.25 \text{ (GB)} = 0.03125 \text{ (TB)}$$

(505)397-0295 (505)397-0296 info@argonlabs.com

1285

Project No: 0KX-04-010 Project Title: 0KX MLMU#213 Location: Leafo, nm		Client: SESE Address: 703 E Clinton Contact: Hobbs, nm 88240 Phone: Fax:			
Sampler's Name: (print) Isaac Kinard Sampler's Signature: [Signature]		Bill To: Client: Samr Address:			
TURN AROUND TIME RUSH 24 Hour 48 Hour other Standard (5 days) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> 3-4 days <input type="checkbox"/>		ANALYSIS Chlorides BTEX TPH 4181			
		COMMENTS			
Sample ID.	Date	Time	# Containers	Matrix	
AH#1 surface	2/18/09	1015	1	Soil	✓ ✓ ✓
AH#1 10"		1020			
AH#1 1'		1025			
AH#2 surface		1034			
AH#2 6"		1036			
AH#2 1'		1038			
AH#3 surface		1045			
AH#3 6"		1050			
AH#3 1'		1055			
AH#4 surface		1058			
AH#4 6"		1100			
AH#4 1'		1103			
Relinquished By: [Signature]	Date: 2/18/09	Time: 1530	Received By: Nabeel Samr	Date: 2-18-09	Time: 1530
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

# Argon Laboratories Sample Receipt Checklist

Client Name: <u>Safety &amp; Environmental Solutions, Inc.</u>		Date & Time Received: <u>02/18/09</u> <u>15:30</u>	
Project Name: <u>Oxy MLMV # 213</u>		Client Project Number: <u>OXY-09-010</u>	
Received By: <u>N.F.</u>	Matrix: Water <input type="checkbox"/> Soil <input checked="" type="checkbox"/> Sludge <input type="checkbox"/>		
Sample Carrier: Client <input checked="" type="checkbox"/> Laboratory <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Other <input type="checkbox"/>			
Argon Labs Project Number: <u>D902006</u>			
Shipper Container in good condition?		Samples received in proper containers?	
N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Samples received under refrigeration? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Samples received intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Chain of custody present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Sufficient sample volume for requested tests? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Chain of Custody signed by all parties? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Samples received within holding time? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Do samples contain proper preservative?	
		N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Chain of Custody matches all sample labels?		Do VOA vials contain zero headspace?	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		(None submitted <input checked="" type="checkbox"/> ) Yes <input type="checkbox"/> No <input type="checkbox"/>	

**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-09-010  
Project Name: OXY MLMV #213  
Project Manager: Bob Allen

  
Work Order No.:  
D902006

### ANALYTICAL REPORT FOR SAMPLES

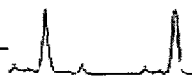
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AH #1 Surface	D902006-01	Soil	02/18/09 10:15	02/18/09 15:30
AH #1 6 "	D902006-02	Soil	02/18/09 10:20	02/18/09 15:30
AH #1 1 '	D902006-03	Soil	02/18/09 10:25	02/18/09 15:30
AH #2 Surface	D902006-04	Soil	02/18/09 10:34	02/18/09 15:30
AH #2 6 "	D902006-05	Soil	02/18/09 10:36	02/18/09 15:30
AH #2 1 '	D902006-06	Soil	02/18/09 10:38	02/18/09 15:30
AH #3 Surface	D902006-07	Soil	02/18/09 10:45	02/18/09 15:30
AH #3 6 "	D902006-08	Soil	02/18/09 10:50	02/18/09 15:30
AH #1 1 '	D902006-09	Soil	02/18/09 10:55	02/18/09 15:30
AH #4 Surface	D902006-10	Soil	02/18/09 10:58	02/18/09 15:30
AH #4 6 "	D902006-11	Soil	02/18/09 11:00	02/18/09 15:30
AH #4 1 '	D902006-12	Soil	02/18/09 11:03	02/18/09 15:30

Approved By  
Argon Laboratories, Inc.

QC Officer

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

Project Number: OXY-09-010  
Project Name OXY MLMV #213  
Project Manager: Bob Allen

  
Work Order No.  
D902006

### ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>AH #1 Surface (D902006-01) Soil Sampled: 02/18/09 10:15 Received: 02/18/09 15:30</b>							
Chloride	850	50	mg/kg	5	02/23/09	EPA 300.0	
<b>AH #1 6" (D902006-02) Soil Sampled: 02/18/09 10:20 Received: 02/18/09 15:30</b>							
Chloride	100	10	mg/kg	1	02/23/09	EPA 300.0	
<b>AH #1 1' (D902006-03) Soil Sampled: 02/18/09 10:25 Received: 02/18/09 15:30</b>							
Chloride	270	20	mg/kg	2	02/23/09	EPA 300.0	
<b>AH #2 Surface (D902006-04) Soil Sampled: 02/18/09 10:34 Received: 02/18/09 15:30</b>							
Chloride	2000	100	mg/kg	10	02/23/09	EPA 300.0	
<b>AH #2 6" (D902006-05) Soil Sampled: 02/18/09 10:36 Received: 02/18/09 15:30</b>							
Chloride	57	10	mg/kg	1	02/23/09	EPA 300.0	
<b>AH #2 1' (D902006-06) Soil Sampled: 02/18/09 10:38 Received: 02/18/09 15:30</b>							
Chloride	110	10	mg/kg	1	02/23/09	EPA 300.0	
<b>AH #3 Surface (D902006-07) Soil Sampled: 02/18/09 10:45 Received: 02/18/09 15:30</b>							
Chloride	550	40	mg/kg	4	02/23/09	EPA 300.0	
<b>AH #3 6" (D902006-08) Soil Sampled: 02/18/09 10:50 Received: 02/18/09 15:30</b>							
Chloride	500	40	mg/kg	4	02/23/09	EPA 300.0	
<b>AH #1 1' (D902006-09) Soil Sampled: 02/18/09 10:55 Received: 02/18/09 15:30</b>							
Chloride	450	40	mg/kg	4	02/23/09	EPA 300.0	

Approved By  
Argon Laboratories, Inc

QC Officer



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

Project Number: OXY-09-010  
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Project Manager: Bob Allen



Work Order No.:  
D902006

### ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>AH #4 Surface (D902006-10) Soil Sampled: 02/18/09 10:58 Received: 02/18/09 15:30</b>							
Chloride	1200	100	mg/kg	10	02/23/09	EPA 300.0	
<b>AH #4 6" (D902006-11) Soil Sampled: 02/18/09 11:00 Received: 02/18/09 15:30</b>							
Chloride	55	10	mg/kg	1	02/23/09	EPA 300.0	
<b>AH #4 1' (D902006-12) Soil Sampled: 02/18/09 11:03 Received: 02/18/09 15:30</b>							
Chloride	140	10	mg/kg	1	02/23/09	EPA 300.0	

Approved By  
Argon Laboratories, Inc.

QC Officer

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

Project Number OXY-09-010  
Project Name OXY MLMV #213  
Project Manager Bob Allen



Work Order No.  
D902006

**BTEX EPA Method 8021B**

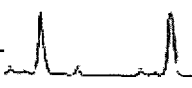
Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>AH #1 Surface (D902006-01) Soil Sampled: 02/18/09 10:15 Received: 02/18/09 15:30</b>							
Benzene	0.64	0.20	mg/kg	40	02/20/09	8021B	
Toluene	8.0	0.20	"	"	"	"	
Ethylbenzene	10	0.20	"	"	"	"	
Xylenes (total)	57	0.40	"	"	"	"	
Surr Rec.:		104 %			"	"	
<b>AH #1 6" (D902006-02) Soil Sampled: 02/18/09 10:20 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec.:		102 %			"	"	
<b>AH #1 1' (D902006-03) Soil Sampled: 02/18/09 10:25 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec.:		115 %			"	"	
<b>AH #2 Surface (D902006-04) Soil Sampled: 02/18/09 10:34 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	0.010	0.005	"	"	"	"	
Xylenes (total)	0.035	0.010	"	"	"	"	
Surr Rec.:		111 %			"	"	

Approved By  
Argon Laboratories, Inc.

QC Officer

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

Project Number OXY-09-010  
Project Name. OXY MLMV #213  
Project Manager Bob Allen

  
Work Order No .  
D902006

**BTEX EPA Method 8021B**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>AH #2 6" (D902006-05) Soil Sampled: 02/18/09 10:36 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec..		114 %			"	"	
<b>AH #2 1' (D902006-06) Soil Sampled: 02/18/09 10:38 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec..		119 %			"	"	
<b>AH #3 Surface (D902006-07) Soil Sampled: 02/18/09 10:45 Received: 02/18/09 15:30</b>							
Benzene	ND	0.020	mg/kg	4	02/20/09	8021B	
Toluene	ND	0.020	"	"	"	"	
Ethylbenzene	0.023	0.020	"	"	"	"	
Xylenes (total)	0.20	0.040	"	"	"	"	
Surr. Rec..		102 %			"	"	
<b>AH #3 6" (D902006-08) Soil Sampled: 02/18/09 10:50 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec.		119 %			"	"	

Approved By  
Argon Laboratories, Inc.

QC Officer

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

Project Number OXY-09-010  
Project Name. OXY MLMV #213  
Project Manager: Bob Allen



Work Order No.  
D902006

**BTEX EPA Method 8021B**


Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>AH #1 1' (D902006-09) Soil Sampled: 02/18/09 10:55 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.		119 %			"	"	
<b>AH #4 Surface (D902006-10) Soil Sampled: 02/18/09 10:58 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec..		116 %			"	"	
<b>AH #4 6" (D902006-11) Soil Sampled: 02/18/09 11:00 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec..		117 %			"	"	
<b>AH #4 1' (D902006-12) Soil Sampled: 02/18/09 11:03 Received: 02/18/09 15:30</b>							
Benzene	ND	0.005	mg/kg	1	02/20/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec..		120 %			"	"	

Approved By  
Argon Laboratories, Inc

QC Officer

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

Project Number: OXY-09-010  
Project Name: OXY MLMV #213  
Project Manager: Bob Allen

  
Work Order No.:  
D902006

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


Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>AH #1 Surface (D902006-01) Soil Sampled: 02/18/09 10:15 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	38000	2000	mg/kg	100	02/20/09	EPA 418.1	
<b>AH #1 6" (D902006-02) Soil Sampled: 02/18/09 10:20 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	6300	200	mg/kg	10	02/20/09	EPA 418.1	
<b>AH #1 1' (D902006-03) Soil Sampled: 02/18/09 10:25 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	110	20	mg/kg	1	02/20/09	EPA 418.1	
<b>AH #2 Surface (D902006-04) Soil Sampled: 02/18/09 10:34 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	230	20	mg/kg	1	02/20/09	EPA 418.1	
<b>AH #2 6" (D902006-05) Soil Sampled: 02/18/09 10:36 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	90	20	mg/kg	1	02/20/09	EPA 418.1	
<b>AH #2 1' (D902006-06) Soil Sampled: 02/18/09 10:38 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	52	20	mg/kg	1	02/20/09	EPA 418.1	
<b>AH #3 Surface (D902006-07) Soil Sampled: 02/18/09 10:45 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	140	20	mg/kg	1	02/20/09	EPA 418.1	
<b>AH #3 6" (D902006-08) Soil Sampled: 02/18/09 10:50 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	24	20	mg/kg	1	02/20/09	EPA 418.1	
<b>AH #1 1' (D902006-09) Soil Sampled: 02/18/09 10:55 Received: 02/18/09 15:30</b>							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	02/20/09	EPA 418.1	

Approved By  
Argon Laboratories, Inc

QC Officer

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

Project Number. OXY-09-010  
Project Name. OXY MLMV #213  
Project Manager Bob Allen



Work Order No  
D902006

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

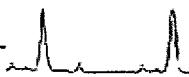
Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>AH #4 Surface (D902006-10) Soil Sampled: 02/18/09 10:58 Received: 02/18/09 15:30</b>							
<b>Total Petroleum Hydrocarbons</b>	<b>1200</b>	100	mg/kg	5	02/20/09	EPA 418.1	
<b>AH #4 6" (D902006-11) Soil Sampled: 02/18/09 11:00 Received: 02/18/09 15:30</b>							
<b>Total Petroleum Hydrocarbons</b>	<b>99</b>	20	mg/kg	1	02/20/09	EPA 418.1	
<b>AH #4 1' (D902006-12) Soil Sampled: 02/18/09 11:03 Received: 02/18/09 15:30</b>							
<b>Total Petroleum Hydrocarbons</b>	<b>45</b>	20	mg/kg	1	02/20/09	EPA 418.1	

Approved By  
Argon Laboratories, Inc.

QC Officer

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

Project Number: OXY-09-010  
Project Name: OXY MLMV #213  
Project Manager: Bob Allen

  
Work Order No.:  
D902006

**ANALYSIS REPORT - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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**Batch DS00026 - General Prep**

**Blank (DS00026-BLK1)**

Prepared & Analyzed 02/23/09

Chloride	ND	10	mg/kg
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**LCS (DS00026-BS1)**

Prepared & Analyzed: 02/23/09

Chloride	8.60		mg/kg	10.0	86
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**LCS Dup (DS00026-BSD1)**

Prepared & Analyzed 02/23/09

Chloride	8.40		mg/kg	10.0	84	2
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**Matrix Spike (DS00026-MS1)**

Prepared & Analyzed 02/23/09

Chloride	9.80		mg/kg	10.0	98
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**Matrix Spike Dup (DS00026-MSD1)**

Prepared & Analyzed. 02/23/09

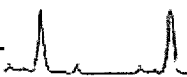
Chloride	9.70		mg/kg	10.0	97	1
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D902006

**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 DS00027 - EPA 5030B**

**Blank (DS00027-BLK1)**

Prepared: 02/23/09 Analyzed: 02/20/09

Surrogate a,a,a-Trifluorotoluene	0.0540		mg/kg	0.0500		108		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					

**LCS (DS00027-BS1)**

Prepared: 02/23/09 Analyzed: 02/20/09

Benzene	0.047		mg/kg	0.0500		94		
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**LCS Dup (DS00027-BSD1)**

Prepared: 02/23/09 Analyzed: 02/20/09

Benzene	0.052		mg/kg	0.0500		104	10	
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**Matrix Spike (DS00027-MS1)**

Prepared: 02/23/09 Analyzed: 02/20/09

Toluene	0.048		mg/kg	0.0500		96		
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**Matrix Spike Dup (DS00027-MSD1)**

Prepared: 02/23/09 Analyzed: 02/20/09

Toluene	0.049		mg/kg	0.0500		98	2	
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Approved By  
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Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number OXY-09-010  
Project Name: OXY MLMV #213  
Project Manager: Bob Allen

  
Work Order No :  
D902006

**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 DS00028 - EPA 3550B**

<b>Blank (DS00028-BLK1)</b>				Prepared & Analyzed 02/20/09				
Total Petroleum Hydrocarbons	ND	20	mg/kg					
<b>LCS (DS00028-BS1)</b>				Prepared & Analyzed 02/20/09				
Total Petroleum Hydrocarbons	225		mg/kg	200		112		
<b>LCS Dup (DS00028-BSD1)</b>				Prepared & Analyzed: 02/20/09				
Total Petroleum Hydrocarbons	227		mg/kg	200		114	0.9	
<b>Matrix Spike (DS00028-MS1)</b>				Prepared & Analyzed 02/20/09				
Total Petroleum Hydrocarbons	230		mg/kg	200		115		
<b>Matrix Spike Dup (DS00028-MSD1)</b>				Prepared & Analyzed 02/20/09				
Total Petroleum Hydrocarbons	239		mg/kg	200		120	4	

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Project Number OXY-09-010  
Project Name. OXY MLMV #213  
Project Manager. Bob Allen



Work Order No.:  
D902006

### 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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Approved By  
Argon Laboratories, Inc

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QC Officer