

**Delineation Report/Work Plan
Fasken Oil and Ranch, Ltd.
Denton SWD SE Corner Release
Unit D, Section 13, Township 15S, Range 37E
Lea County, New Mexico**

April 4, 2007



Prepared for:

**Fasken Oil and Ranch, Ltd.
303 West Wall Suite 1800
Midland, Texas 79701-5116**

By:

***Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 102
Hobbs, New Mexico 88240
(505) 397-0510***

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I. Company Contacts

Jimmy Davis	Fasken	432-818-0267	jimmyd@forl.com
Jimmy Carlile	Fasken	432-818-0210	jimmyc@forl.com
Lonnie Arnold	Fasken	432-687-1777	lonniea@forl.com
Bob Allen	SESI	505-397-0510	<u>ballen@sesi-nm.com</u>

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged to perform delineation and cleanup of the area identified as the Denton SWD Produced Water Release Southeast Corner. The site is located in Unit D, Section 13, Township; 15S, Range 37E. The land is owned by Mr. Darr Angell.

On July 15, 2005 the Denton SWD facility released approximately 5,000 barrels of produced water due to an equipment malfunction. The release was reported verbally to the New Mexico Oil Conservation Division by the Americo Energy pumper, Mr. Steve Smith on July 15, 2005. The release affected the bermed area to the south of the tanks as well as the area to the north of the tanks. The release also ran over the berm in the southeast corner affecting approximately a 25,567 square feet area outside the facility. The area outside the facility was marked with pin flags by Mr. Smith. The top 3" of the affected areas both inside and outside the facility has been scraped and removed from the site.

On January 9, 2007 there was an additional release, which affected the same area. The causes of the release was the injection pump shut down and both high level alarms at the facility failed causing a release of produced fluids from the stock tank. Approximately 5800 barrels were released, of which 5275 were recovered. The release covered affected approximately 88,700 sq.ft.

According to Permian Production Chemical, an analysis of the produced water handled by this facility indicates a chloride concentration of 53,053 ppm.

III. Surface and Ground Water

There are three existing monitor wells at the facility water level measurements were taken from these wells on September 1, 2006. The average depth of water in these wells was 56.85'.

IV Soils

The surface soils in the area are predominantly sand and sandy loam.

V. Work Performed

Sampling

On July 19, 2005 SESI retrieved a sample southeast of the tank battery in the middle of the release. The following day SESI retrieved a sample from a trench located southeast of the tank battery (outside the berm). This trench was approximately 2.5' in depth. The

samples were property preserved and transported under Chain of Custody to Cardinal Laboratories of Hobbs, New Mexico for analysis. The samples were analyzed for Chlorides (Standard Methods 4500-CL-B). The results of the analysis are as follows:

Date	Sample ID	Cl ⁻
7/19/05	SE of Tank Battery	6878
7/20/05	T-1 (Trench)	5838

On August 29, 2005 SESI retrieved five (5) samples 3' from the impacted area at depths of 1.5'. The locations of these samples may be found in Figure 2. . The samples were property preserved and transported under Chain of Custody to Cardinal Laboratories for analysis. The samples were analyzed for Chlorides (Standard Methods 4500-CL-B). The results of the analysis are as follows:

Date	Sample ID	Cl ⁻
8/29/05	001-18" BGS	160
8/29/05	002-18" BGS	144
8/29/05	003-18" BGS	128
8/29/05	004-18" BGS	64
8/29/05	005-18" BGS	96

Drilling of Boreholes

On August 31, 2005 SESI installed Boreholes #1 and #2 at the site. Borehole #1 was drilled to a depth of 20' and Borehole #2 was drilled to a depth of 40'.

On September 1, 2005 SESI installed Boreholes #3 and #4 at the site. Borehole # 3 was drilled to a depth of 45' and Borehole #4 was drilled to a depth of 35'.

On September 2, 2005 SESI installed Boreholes #5 and #6 at the site. Borehole #5 was drilled to a depth of 20' and Borehole #6 was drilled to a depth of 25'.

Grab samples were retrieved in 5' intervals from each borehole. The samples were properly preserved and transported to Cardinal Laboratories for analysis. The samples were analyzed for Chlorides (Standard Methods 4500-CL-B). The results of the analysis are as follows:

	BH #1	BH #2	BH #3	BH #4	BH #5	BH #6
Cl ⁻ 5'	3199	1967	2415	2015	880	640
Cl ⁻ 10'	816	1200	2575	1600	896	1328
Cl ⁻ 15'	1200	2479	2751	1440	640	480
Cl ⁻ 20'	272	976	1679	944	224	464
Cl ⁻ 25'		640	528	784		320
Cl ⁻ 30'		800	896	512		
Cl ⁻ 35'		960	928	384		
Cl ⁻ 40'		448	352			
Cl ⁻ 45'			432			

On March 19, 2007 SESI installed Boreholes #7 and #8. Borehole #7 was drilled to a depth of 50' and Borehole #8 was drilled to a depth of 40'.

On March 20, 2007 SESI installed Boreholes #9 and #10. Borehole #9 was drilled to a depth of 20' and Borehole #10 was drilled to a depth of 20'. During installation of Borehole #10 historical hydrocarbon staining was encountered.

Grab samples were retrieved in 5' intervals from each borehole. The samples were properly preserved and transported to Argon Laboratories for analysis. All samples were analyzed for Chlorides (EPA Method 300.0). The bottom samples from boreholes #7 thru #9 were analyzed for Total Petroleum Hydrocarbons (TPH) (EPA Method 418.1). All samples retrieved from Borehole #10 were analyzed for TPH (EPA Method 8015B).

The results of the Chloride analysis were as follows:

	BH #7	BH #8	BH #9	BH #10
Cl- 6'''	560	5800	4700	2200
Cl- 5'	1200	2100	1800	820
Cl- 10'	440	800	1500	100
Cl- 15'	1900	640	210	170
Cl- 20'	1700	880	110	290
Cl- 25'	850	310		
Cl- 30'	1300	370		
Cl- 35'	1600	360		
Cl- 40'	910	64		
Cl- 45'	550			
Cl- 50'	490			

The results of the TPH analysis were as follows:

Sample ID	TPH	GRO	DRO
BH #7 50'	<10		
BH #8 40'	<10		
BH #9 20'	<10		
BH #10 6'''	1300	80	1200
BH #10 5'	2700	670	2000
BH #10 10'	5500	1500	4000
BH #10 15'	370	62	310
BH #10 20'	<10	<10	<10

VI. Conclusions

The results of the laboratory analysis indicate the top 20' of soil contains the most chloride contamination. The chloride level at the bottom of each borehole ranges from 224 ppm to 490 ppm. The depths of the boreholes range from 20' to 50'.

It is recommended that the entire area be excavated to the top of the hard caliche and blended with surrounding soil in order to reduce the chloride concentration level to approximately 1000 ppm. Samples will be retrieved from the sides and the bottom of

the excavation and transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico for analysis. The samples will be analyzed for Chlorides (EPA Method 4500-Cl-B).

The area where historical hydrocarbon staining was encountered will be additionally excavated for removal of highly contaminated and or saturated soils. The soils will be blended with surrounding soils to reduce the TPH concentration until representative samples indicate TPH levels are no greater than 1000 ppm.

The excavation will be backfilled with the blended soils and contoured to original grade.

After completion of the project all necessary reports will be filed with the NMOCD.

VII. Figures & Appendices

Figure 1 - Vicinity Map

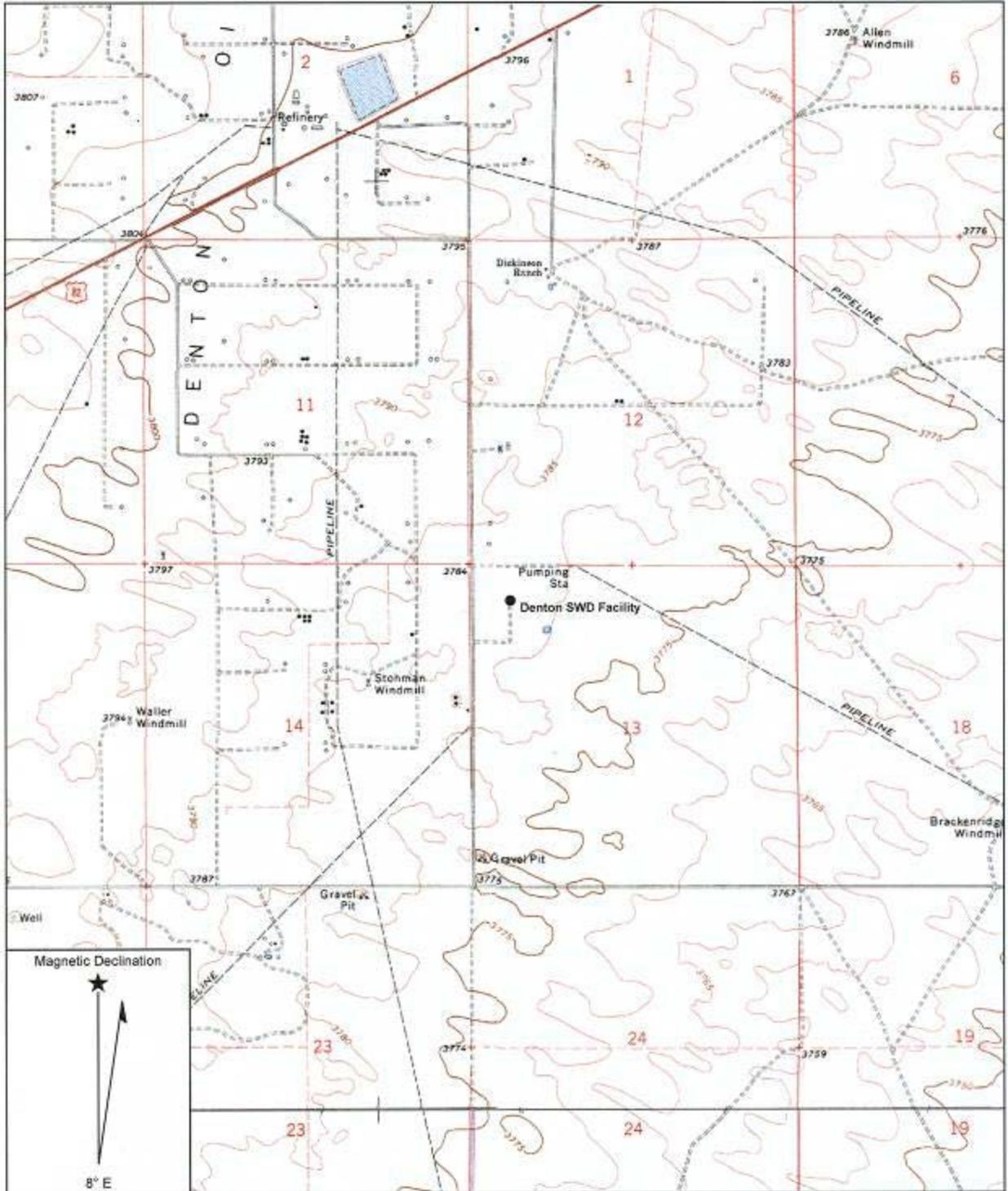
Figure 2 - Site Plan

Appendix A - Analytical Results

Appendix B - Site Photos

Appendix C - C-141s

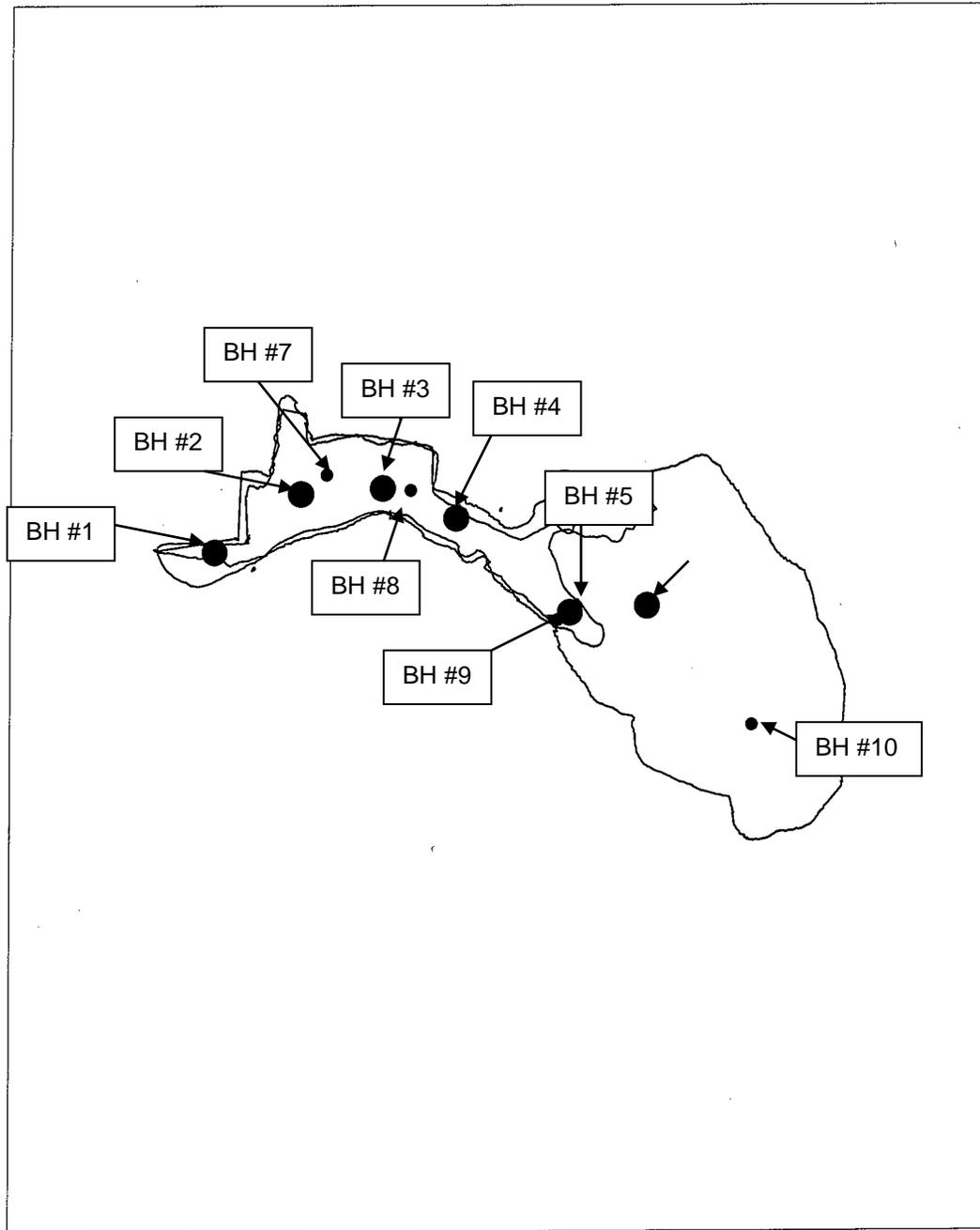
Figure 1
Vicinity Map



Name: PRAIRIEVIEW
 Date: 4/12/2007
 Scale: 1 inch equals 2000 feet

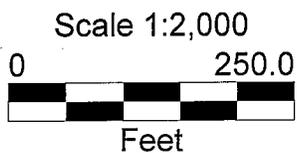
Location: 033° 01' 22.73" N 103° 09' 36.00" W NAD 27
 Caption: Denton SWD Facility
 Unit D, Sec 13, T15S, R37E
 Lea County, New Mexico

Figure 2
Site Plan



Denton SWD SE Corner

Lat/Long
WGS 1984



combined.ssf
4/13/2007

GPS Pathfinder® Office



Appendix A

Analytical Results

Appendix B

Site Photos

















Appendix C

C-141s

08/09/2005 12:38 FAX 713 984 9933

AMERICO ENERGY RESOURCES

003

Aug 09 05 10:38a

STI OR TWYLA SMITH

505-5-0930

P. 1

08/09/2005 07:21

5853930720

EMNRD OGD

PAGE 03/03

12043
JUL 20 05

JUL 20 05 06:36a

STEVE OR TWYLA SMITH

505-296-0930

P. 2

JUL-15-05 14:37 From:6152219

15052032756

T-200 P.01/01 Job-358

District I
1525 N. French St., Hobbs, NM 88240
District II
1501 W. Grand Avenue, Artesia, NM 88210
District III
1690 Rio Grande Road, Aztec, NM 87510
District IV
1720 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised October 10, 2002

Oil Conservation Division
1720 South St. Francis Dr.
Santa Fe, NM 87505

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 of the
State of New Mexico

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Americo Energy Resources	Contact	Steve Smith
Address	1505 2032756	Telephone No.	505-296-0930
Facility Name	AERTON SWD #1	Facility Type	SWD - LAYDOWN STATION
Surface Owner	Black Hills	Mineral Owner	
		Lease No.	

LOCATION OF RELEASE

Dist. Line	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	13	15S	27E	660 FWL	660 FWL			LEA Co. NM

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	SALT WATER	Volume of Release	6000 GALS	Volume Recovered	2700 GALS
Source of Release	SALT WATER TANK	Date and Hour of Occurrence	7/20/05	Date and Hour of Discovery	7/20/05
Was a Watercourse Impacted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	AMERICO, DARR ANTON, OCB, LARRY JONES		
By Whom?	STEVE SMITH	Date and Hour	7/20/05	11:00 AM	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impinging the Watercourse			

All Watercourses were Impacted, Describe Fully:

Describe Cause of Problem and Remedial Action Taken: Pump failure and ALARM failure, OVEP Edge tank in area, battery. Repaired pump failure, began immediate removal of water from battery.

Describe Area Affected and Cleanup Action Taken: 45 ft of battery affected. Area south end of battery 400' x 50' in nature. Removing contaminated dirt outside of battery. Removing top of concrete waste battery.

I hereby certify that the information given above is true and complete to the best of my knowledge and understanding and pursuant to NMAC 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 submission of a C-141 report by the NMCOD operator as "Final Report" does not relieve the operator of liability should their operations have failed an adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMCOD 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.

OIL CONSERVATION DIVISION

Signature	<i>[Signature]</i>	Approved by District Supervisor	
Printed Name	Stephen B. Smith	Approval Date	
Title	Reporter	Explanation Date	
Email Address	SMITHSTEV@HOTMAIL.COM	Conditions of Approval	Accepted <input type="checkbox"/>
Date	7/20/05	Phone	461-0926

Attach Additional Sheets if Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Bruzos 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 Final Report

Name of Company	Fasken Oil and Ranch, Ltd.	Contact	Jimmy D. Carlile
Address	303 W. Wall, Suite 1800 Midland, TX	Telephone No.	432 687-1777
Facility Name	Denton SWD	Facility Type	Salt Water Disposal
Surface Owner	Darr Angell	Mineral Owner	Lee
		Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	13	15S	37E					Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Crude oil/salt water	Volume of Release	5800	Volume Recovered	5275
Source of Release	Stock tank	Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? 2 am 1/9/07 / 9 am 1/9/07 Larry Johnson			
By Whom?	Jimmy D. Carlile	Date and Hour	1/9/07	9 am MST	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

NA

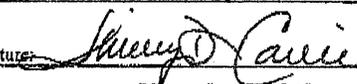
Describe Cause of Problem and Remedial Action Taken.*

Both high level alarms failed as the injection pump went down. Alarms reset, and new alarm system is being designed and installed.

Describe Area Affected and Cleanup Action Taken.*

600' by 70' estimated area outside of dike, meeting scheduled for 1/12/07 with environmental company (on site) to determine plan of remediation and cleanup.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC 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: 	OIL CONSERVATION DIVISION		
Printed Name: Jimmy D. Carlile	Approved by District Supervisor:		
Title: Regulatory Affairs Coord.	Approval Date:	Expiration Date:	
E-mail Address: jimmyc@forl.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1/11/07	Phone: 432 687-1777		

* Attach Additional Sheets If Necessary



ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
 Project Manager: Bob Allen
 Address: 703 E. CLINTON, #102
 City: HOBBS State: NM Zip: 88240
 Phone #: (505) 397-0510 Fax #: (505) 393-4388
 Project #: AWC-05-002 Project Owner: America
 Project Name: Deaton S&D
 Project Location: Lea County, NM
 Sampler Name: Brian Deaton
 FOR LAB USE ONLY

P.O. #: **MAIL TO**
 Company: SAME
 Attn: Brandi
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX						ACID/BASE: ICE / COOL OTHER:	DATE	TIME	SAMPLING	ANALYSIS REQUEST
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
H9975	SE Southeast of Tank Battery (Trench) #1 (Gravel)	1			X				7-20-05	1:00pm		Chlorides	
		1			X				7-19-05	1:00pm			

PLEASE NOTE: Liability and Damages: Cardinal liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All data including those for response and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for individual or consequential damage, including without limitation, business interruption, loss of use, or loss of profit incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Instances of whether such data is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 2 1/2% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Sampler Relinquished By: [Signature]
 Date: 7-20-05
 Time: 3:10 P

Received By: [Signature]
 Date: 7-20-05
 Time: 3:10 P

Phone Result: Yes No
 Fax Result: Yes No
 REMARKS:

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:
 Sample Condition: Direct? Indirect?
 Checked By: [Signature]
 Initials: MA

* Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



**ARDINAL
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (505) 393-4388

Receiving Date: 08/29/05
Reporting Date: 08/31/05
Project Number: AME-05-004
Project Name: DENTON SWD SOUTHEAST CORNER
Project Location: LEA COUNTY, NM

Analysis Date: 08/31/05
Sampling Date: 08/29/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H10131-1	001-18" BGS	160
H10131-2	002-18" BGS	144
H10131-3	003-18" BGS	128
H10131-4	004-18" BGS	64
H10131-5	005-18" BGS	96
Quality Control		1000
True Value QC		1000
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods	4500-Cl ⁻ B
--------------------------	------------------------

Note: Analyses performed on 1:4 w:v aqueous extracts.

Amy Hill
Chemist

8/31/05
Date



ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (605) 393-2326 Fax (605) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
 Project Manager: BOB ALLEN
 Address: 703 E. CLINTON, #102
 City: HOBBS
 Phone #: (505) 397-0510 State: NM Zip: 88240
 Project #: AME-05-004 Fax #: (505) 393-4388
 Project Name: DENVER SUD SOUTH EST CORNER
 Project Location: LEA COUNTY, NM
 Project Owner: AMERICO
 Sampler Name: Adam Casas
 FOR LAB USE ONLY

P.O. #:
 Company: SAME
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.			
H1031-1	001-18" bgs	✓	1			X					8-29		CHLORIDES
	002-18" bgs	✓	1			X							
	003-18" bgs	✓	1			X							
	004-18" bgs	✓	1			X							
	005-18" bgs	✓	1			X							

PLEASE NOTE: Lab and Damages: Cardinal's liability and client's recourse remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services provided by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Sampler: Adam Casas
 Date: 8-29-05
 Received By: (Lab Staff) [Signature]

Relinquished By: [Signature]
 Date: 8-29-05
 Received By: (Lab Staff) [Signature]

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: []
 Sample Condition Intact? []
 Checked By: [Signature]

Phone Result: [] Yes [] No
 Fax Result: [] Yes [] No
 REMARKS:

* Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603
(915) 673-7001 Fax (915) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
Project Manager: BOB ALLEN
Address: 703 E. CLINTON, #102
City: HOBBS
State: NM Zip: 88240
P.O. #:
Company: SAME
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:
Page 1 of 1

Project #: AWE-05-004
Project Name: DENIRIN SUB SOUTHWEST CORNER
Project Location: KEEPA COUNTY, NM
Sample Name: Unknown Cass
FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	
H1014-11	BH 2-35	G	1			X						8-31	1520	CHLORIDES
12	BH 2-40	G	1			X						8-31	1545	

PLEASE NOTE: Laboratory and Damages Cardinal's liability and client's recourse remedy for any claim arising from this contract or any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the schedule analysis. In no event shall Cardinal be held liable for holdharm or consequential damages, including without limitation, business interruption, loss of data, or loss of profit incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services provided by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Sample Requisitioned By: *John Carr*

Received By: *John Carr*

Delivered By: (Circle One)
 UPS
 Bus
 Other

Temp. °C: *8:45*

Sample Condition: *Intact*

Checked By: *John Carr*

Phone Result: Yes No

Fax Result: Yes No

* Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Marland, Hobbs, NM 88240 (505) 383-2328 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
Project Manager: Bob Allen
Address: 703 E. CLINTON, #102
City: HOBBS
Phone #: (505) 397-0510 State: NM Zip: 88240
Project #: AME-05-004 Fax #: (505) 393-4388
Project Name: DETROIT SAND SOUTHWEST CORNER
Project Location: 499 QUARRY AVE
Sampler Name: Bob Allen

P.O. #: ANALYSIS REQUEST
Company: SAME
Attn:
Address:
City:
State:
Zip:

FOR LAB USE ONLY
Lab I.D. Sample I.D.
Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
Preserv.: ACID/BASE, ICE/COOL, OTHER:
Date: 8-31-05
Time: 0915
Remarks: CHLORIDES

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	REMARKS
H10140-1	BH 1-5'	X	1	GROUNDWATER			8-31	0915	CHLORIDES
-2	BH 1-10'								
-3	BH 1-15'								
-4	BH 1-20'								
-5	BH 2-5'								
-6	BH 2-10'								
-7	BH 2-15'								
-8	BH 2-20'								
-9	BH 2-25'								
-10	BH 2-30'								

NOTE: Lab and Damages. Cardinal's liability and client's liability remain the same. Cardinal is not responsible for any damage to the samples or equipment. In the event that Cardinal is held liable for individual or consequential damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, by advertiser, or any other party, Cardinal shall be held liable for the full amount of such damages. Cardinal's liability shall be limited to the amount paid by the client for the analysis of the samples. Cardinal's liability shall be limited to the amount paid by the client for the analysis of the samples. Cardinal's liability shall be limited to the amount paid by the client for the analysis of the samples.

Received By: [Signature] Date: 8-1-05
Received By: (Lab Staff) [Signature] Date: 8-1-05
Delivered By: (Circle One) [Signature] Date: 8-1-05
Sampler - UPS - Bus - Other: [Signature]

Phone Result: [] Yes [] No
Fax Result: [] Yes [] No
Checked By: [Signature]
Temp. °C [] Yes [] No
Infect? [] Yes [] No
Remarks: [] Yes [] No

Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.**

ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240

Receiving Date: 09/02/05
Reporting Date: 09/07/05
Project Number: AME-05-004
Project Name: DENTON SWD SOUTHEAST CORNER
Project Location: LEA COUNTY, NM

FAX TO: (505) 393-4388
Analysis Date: 09/06/05
Sampling Date: 09/01/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H10144-1	BH 3-5'	2415
H10144-2	BH 3-10'	2575
H10144-3	BH 3-15'	2751
H10144-4	BH 3-20'	1679
H10144-5	BH 3-25'	528
H10144-6	BH 3-30'	896
H10144-7	BH 3-35'	928
H10144-8	BH 3-40'	352
H10144-9	BH 3-45'	432
H10144-10	BH 4-5'	2015
H10144-11	BH 4-10'	1600
H10144-12	BH 4-15'	1440
H10144-13	BH 4-20'	944
H10144-14	BH 4-25'	784
H10144-15	BH 4-30'	512
H10144-16	BH 4-35'	384
Quality Control		1000
True Value QC		1000
% Recovery		100
Relative Percent Difference		2.0
METHOD: Standard Methods		4500-ClB

Note: Analyses performed on 1:4 w:v aqueous extracts.

Amy Hill

Chemist

9/7/05

Date



CARDINAL LABORATORIES, INC.

2111 Beechwood, Ashboro, TX 79803
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2328 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

HILL TO

ANALYSIS REQUEST

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
 Project Manager: BOB ALLEN
 Address: 703 E. CLINTON, #102
 City: HOBBS
 Phone #: (505) 397-0510 State: NM Zip: 88240
 Fax #: (505) 393-4388
 Project #: AME-05-004 Project Owner: AMERICA
 Project Name: DENVER SAND SOUTHWEST POWER
 Project Location: LA PAVY, NM
 Sampler Name: Fernan Cano
 FOR LAB USE ONLY

P.O. #: COMPANY: SAME
 Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	SAMPLING
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL			
W10144-1	BH 3-5'	(A)	1			X				X		9-1	0850	
	BH 3-10'												0910	
	BH 3-15'												0935	
	BH 3-20'												1010	
	BH 3-25'												1022	
	BH 3-30'												1050	
	BH 3-35'												1115	
	BH 3-40'												1130	
	BH 3-45'												1200	
	BH 4-5'												1320	

PLEASE NOTE: Liability and Client's Indemnity for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be limited to the amount paid by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, for whatever reason or regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Fernan Cano
 Delivered By: (Circle One) Stacy
 Sampler - UPS - Bats - Other: USE

Time: 9:15
 Date: 12/6/05
 Received By: (Lab Staff) Stacy
 Sample Condition: Intact
 Checked By: Stacy

Phone Result: Yes No
 Fax Result: Yes No
 REMARKS:

* Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



ARDINAL LABORATORIES, INC.

2111 Beachwood, Adkins, TX 79803
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2328 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
 Project Manager: Bob Allen
 Address: 703 E. CLINTON, #102
 City: HOBBS
 Phone #: (505) 397-0510 State: NM Zip: 88240
 Project #: AWE-05-004 Fax #: (505) 393-4388
 Project Name: DENNY SWD SOUTHERN WATER
 Project Location: 6th Quarry, NM
 Project Owner: America
 Sampler Name: Steve Carson
 FOR LAB USE ONLY

P.O. #:
 Company: SAME
 Attn:
 Address:
 City:
 State:
 Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:				
11010941	BH 4-10'	G	1			X					9-1	1350	X	CHLORIDES
-12	BH 4-15'													
-13	BH 4-20'													
-14	BH 4-25'													
-15	BH 4-30'													
-16	BH 4-35'													

PLEASE NOTE: Labory and Damages Cardinal liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. At doing including post for negligence and any other cause whatsoever that be deemed to be caused by Cardinal with 30 days after completion of the applicable analysis. In no event shall Cardinal be held for incidental or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits, incurred by client, its subsidiaries, affiliates or assignees, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Sample(s) Acquired? Yes No

Date: 9-2-05
 Time: 2:15

Relinquished By: Steve Carson
 Received By: James Wiley

Delivered By: (Circle One) James Wiley
 Time: 8:20 AM
 Received By: (Lab Staff) James Wiley

Sampler - UPS - Bure - Other: UPS Bure Other

Sample Condition Checked By: Yes No

Temp. °C Yes No

PH/Alkalinity Yes No

Phone Results: Yes No

Fax Results: Yes No

REMARKS:

* Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



**ARDINAL
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (505) 393-4388

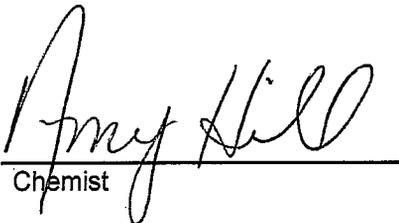
Receiving Date: 09/02/05
Reporting Date: 09/07/05
Project Number: AME-05-004
Project Name: DENTON SWD SOUTHEAST CORNER
Project Location: LEA COUNTY, NM

Analysis Date: 09/06/05
Sampling Date: 09/02/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H10149-1	BH 5-5'	880
H10149-2	BH 5-10'	896
H10149-3	BH 5-15'	640
H10149-4	BH 5-20'	224
H10149-5	BH 6-5'	640
H10149-6	BH 6-10'	1328
H10149-7	BH 6-15'	480
H10149-8	BH 6-20'	464
H10149-9	BH 6-25'	320
Quality Control		1000
True Value QC		1000
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods	4500-Cl ⁻ B
--------------------------	------------------------

Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist

9/7/05
Date



ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603

(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
Project Manager: Bob Allen

Address: 703 E. CLINTON, #102
City: HOBBS

Phone #: (505) 397-0510 State: NM Zip: 88240
Project #: AME-05-004 Fax #: (505) 393-4388

Project Name: DEARIN SUB SEWERAGE SERVICE
Project Location: Lega County, NM
Project Owner: Americo

Sampler Name: Brian Cross
FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	MATRIX		PRESERV.		DATE	TIME	ANALYSIS REQUEST		
		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER				SOIL	OIL
A1049-1	B45-5'	<input checked="" type="checkbox"/>								
	B45-10'	<input checked="" type="checkbox"/>								
	B45-15'	<input checked="" type="checkbox"/>								
	B45-20'	<input checked="" type="checkbox"/>								
	B46-5'	<input checked="" type="checkbox"/>								
	B46-10'	<input checked="" type="checkbox"/>								
	B46-15'	<input checked="" type="checkbox"/>								
	B46-20'	<input checked="" type="checkbox"/>								
	B46-25'	<input checked="" type="checkbox"/>								

PLEASE NOTE: Laboratory and Dyer's Cardinal's liability and client's recourse remedy for any claim arising within the period of 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Terms and Conditions: Invoices will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Received By: (Signature) *[Signature]* Date: 9-2-05

Received By: (Signature) *[Signature]* Date: 9-3-05

Delivered By: (Circle One) UPS Bus Other

Sample Condition: Intact Damaged

Checked By: (Initials) *MA*

Phone Result: Yes No

Fax Result: Yes No

REMARKS:

* Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



March 30 2007

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

RE: Fasken & Denton SWD Project Data

Enclosed are the results for sample(s) received on 03/20/07 14:35 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 ANALYTICAL SERVICES, INC.

CHAIN OF CUSTODY

Project Information:

Project No: **FHS-07-001**
 Location: **Fastlen & Danden Sudd**
 Location: **Levinsburg, NM**
 Sampler's Name: **Isaac Kincaid**
 Sampler's Signature: 

Report To:

Consultant: **Safety & Environmental Solutions, Inc.**
 Address: **703 E. Clinton, Suite 102**
Hobbs, NM 88240
 Contact: **(505)397-0510**
 Phone: **(505)393-4388**
 Fax: **(505)393-4388**

Samples Submitted To:

Laboratory: **Argon Labs**
 Address: **2126 W. Marland Ave.**
Hobbs, NM 88240
 Contact: **(505) 397-0295**
 Phone: **(505) 397-0296**
 Fax: **(505) 397-0296**

Client: **Same as Above**
 Address: **Same as Above**

Date Report Required:

SH 24 Hour 48 Hour Standard Same Day

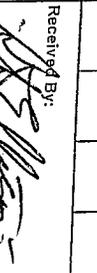
TURN AROUND TIME

ANALYSIS

Sample ID	Date	Time	# Containers	Matrix	418.1	BTEX	TDS	Chloride	Sulfate
BH#7 6"	3/19/07	0720	1	Soil					
BH#7 5"	3/19/07	0755	1	Soil					
BH#7 10"	3/19/07	0810	1	Soil					
BH#7 15"	3/19/07	0830	1	Soil					
BH#7 20"	3/19/07	0855	1	Soil					
BH#7 25"	3/19/07	0915	1	Soil					
BH#7 30"	3/19/07	0940	1	Soil					
BH#7 35"	3/19/07	1000	1	Soil					
BH#7 40"	3/19/07	1030	1	Soil					
BH#7 45"	3/19/07	1040	1	Soil					
BH#7 50"	3/19/07	1100	1	Soil					

Relinquished By: 

Date: **3/20/07** Time: **1435**

Received By: 

Date: **3-20-07** Time: **1435**

Special Instructions:

Relinquished By: _____

Date: _____ Time: _____

Received By: _____

Date: _____ Time: _____

Argon Laboratories Sample Receipt Checklist

Client Name: Safety & Environmental Solution Date & Time Received: 03/20/07 14:35

Project Name: Fasken & Denton SWD Client Project Number: FAS-07-001

Received By: R.E. Matrix: Water Soil

Sample Carrier: Client Laboratory Fed Ex UPS Other

Argon Labs Project Number: B703010

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: _____

argon laboratories

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

Project Number: FAS-07-001
Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703010

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH#7 6"	B703010-01	Soil	03/19/07 07:20	03/20/07 14:35
BH#7 5'	B703010-02	Soil	03/19/07 07:55	03/20/07 14:35
BH#7 10'	B703010-03	Soil	03/19/07 08:10	03/20/07 14:35
BH#7 15'	B703010-04	Soil	03/19/07 08:30	03/20/07 14:35
BH#7 20'	B703010-05	Soil	03/19/07 08:55	03/20/07 14:35
BH#7 25'	B703010-06	Soil	03/19/07 09:40	03/20/07 14:35
BH#7 30'	B703010-07	Soil	03/19/07 10:00	03/20/07 14:35
BH#7 35'	B703010-08	Soil	03/19/07 10:00	03/20/07 14:35
BH#7 40'	B703010-09	Soil	03/19/07 10:30	03/20/07 14:35
BH#7 45'	B703010-10	Soil	03/19/07 10:40	03/20/07 14:35
BH#7 50'	B703010-11	Soil	03/19/07 11:00	03/20/07 14:35



QC Officer Approval

Argon Laboratories, Inc.

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

email: info@argonlabs.com

argon laboratories

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703010
---	---	----------------------------

Anions by Ion Chromatography - EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#7 6" (B703010-01) Soil Sampled: 03/19/07 07:20 Received: 03/20/07 14:35							
Chloride	560	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 5' (B703010-02) Soil Sampled: 03/19/07 07:55 Received: 03/20/07 14:35							
Chloride	1200	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 10' (B703010-03) Soil Sampled: 03/19/07 08:10 Received: 03/20/07 14:35							
Chloride	440	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 15' (B703010-04) Soil Sampled: 03/19/07 08:30 Received: 03/20/07 14:35							
Chloride	1900	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 20' (B703010-05) Soil Sampled: 03/19/07 08:55 Received: 03/20/07 14:35							
Chloride	1700	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 25' (B703010-06) Soil Sampled: 03/19/07 09:40 Received: 03/20/07 14:35							
Chloride	850	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 30' (B703010-07) Soil Sampled: 03/19/07 10:00 Received: 03/20/07 14:35							
Chloride	1300	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 35' (B703010-08) Soil Sampled: 03/19/07 10:00 Received: 03/20/07 14:35							
Chloride	1600	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 40' (B703010-09) Soil Sampled: 03/19/07 10:30 Received: 03/20/07 14:35							
Chloride	910	10	mg/kg	1	03/25/07	EPA 300.0	



QC Officer Approval

Argon Laboratories, Inc.

argon laboratories

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

Project Number: FAS-07-001
Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703010

Anions by Ion Chromatography - EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#7 45' (B703010-10) Soil Sampled: 03/19/07 10:40 Received: 03/20/07 14:35							
Chloride	550	10	mg/kg	1	03/25/07	EPA 300.0	
BH#7 50' (B703010-11) Soil Sampled: 03/19/07 11:00 Received: 03/20/07 14:35							
Chloride	490	10	mg/kg	1	03/25/07	EPA 300.0	



QC Officer Approval

Argon Laboratories, Inc.

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

argon laboratories

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

Project Number: FAS-07-001
Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703010

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

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#7 50' (B703010-11) Soil Sampled: 03/19/07 11:00 Received: 03/20/07 14:35							
Total Petroleum Hydrocarbons	<10	10	mg/kg	1	03/26/07	EPA 418.1	



QC Officer Approval

Argon Laboratories, Inc.

argon laboratories

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703010
---	---	----------------------------

Anions by Ion Chromatography - EPA Method 300.0 - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BQ00040 - General Prep

Blank (BQ00040-BLK1)				Prepared & Analyzed: 03/25/07						
Chloride	ND	10	mg/kg							

LCS (BQ00040-BS1)				Prepared & Analyzed: 03/25/07						
Chloride	5.14		mg/kg	5.00		103	70-130			

LCS Dup (BQ00040-BSD1)				Prepared & Analyzed: 03/25/07						
Chloride	5.16		mg/kg	5.00		103	70-130	0.4	20	

Matrix Spike (BQ00040-MS1)				Prepared & Analyzed: 03/25/07						
Chloride	4.70		mg/kg	5.00		94	70-130			

Matrix Spike Dup (BQ00040-MSD1)				Prepared & Analyzed: 03/25/07						
Chloride	4.60		mg/kg	5.00		92	70-130	2	20	



QC Officer Approval
Argon Laboratories, Inc.

argon laboratories

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

Project Number: FAS-07-001
 Project Name: Fasken & Denton SWD
 Project Manager: Bob Allen

Work Order No.:
 B703010

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	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BQ00041 - EPA 3550B

Blank (BQ00041-BLK1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	ND	10	mg/kg							
LCS (BQ00041-BS1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	26.4		mg/kg	25.0		106	70-130			
LCS Dup (BQ00041-BSD1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	25.9		mg/kg	25.0		104	70-130	2	20	
Matrix Spike (BQ00041-MS1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	23.2		mg/kg	25.0		93	70-130			
Matrix Spike Dup (BQ00041-MSD1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	24.0		mg/kg	25.0		96	70-130	3	20	



QC Officer Approval
 Argon Laboratories, Inc.



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703010
---	---	----------------------------

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

A handwritten signature in black ink, appearing to be "Vh", is written above a horizontal line.

QC Officer Approval
Argon Laboratories, Inc.

The logo for Argon Laboratories features the word "argon" in a lowercase, sans-serif font with a thin outline, followed by "laboratories" in a bold, lowercase, sans-serif font. Two small circles are positioned above the letters 'o' and 'i' in "argon".

argon laboratories

30 March 2007

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

RE: Fasken & Denton SWD Project Data

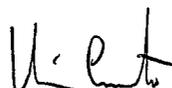
Enclosed are the results for sample(s) received on 03/20/07 14:35 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

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,

A handwritten signature in black ink, appearing to read "Hiram Cueto".

Hiram Cueto
Lab Manager

ARGON ANALYTICAL SERVICES, INC.

CHAIN OF CUSTODY

Project Information:

Project No: **FAST-07-001**
 Location: **Bascon Denton SWD**
Lovington, NM
 Sampler's Name: **Isaac Kincaid**
 (print)
 Sampler's Signature: *Isaac Kincaid*

Report To:

Consultant: **Safety & Environmental Solutions, Inc.**
 Address: **703 E. Clinton, Suite 102**
Hobbs, NM 88240
 Contact: **(505) 397-0510**
 Phone: **(505) 393-4388**
 Fax: **(505) 393-4388**

Samples Submitted To:

Laboratory: **Argon Labs**
 Address: **2126 W. Marland Ave.**
Hobbs, NM 88240
 Contact: **(505) 397-0295**
 Phone: **(505) 397-0295**
 Fax: **(505) 397-0295**

Client Address: **Same as Above**

Date Results Required:
 Date Report Required:

TURN AROUND TIME

24 Hour
 48 Hour
 Standard
 Same Day

Sample ID	Date	Time	# Containers	Matrix	ANALYSIS				
					418.1	BTEX	TDS	Chloride	Sulfate
BH #8 6'	3/19/07	1140	1	Soil					
BH #8 5'	3/19/07	1225	1	Soil			✓		
BH #8 10'	3/19/07	1245	1	Soil			✓		
BH #8 15'	3/19/07	1330	1	Soil			✓		
BH #8 20'	3/19/07	1350	1	Soil			✓		
BH #8 25'	3/19/07	1415	1	Soil			✓		
BH #8 30'	3/19/07	1430	1	Soil			✓		
BH #8 35'	3/19/07	1450	1	Soil			✓		
BH #8 40'	3/19/07	1515	1	Soil	✓		✓		

Relinquished By: *[Signature]* Date: **3/20/07** Time: **1435**

Received By: *[Signature]* Date: **3/20/07** Time: **1435**

Relinquished By: _____ Date: _____ Time: _____

Received By: _____ Date: _____ Time: _____

Special Instructions:

Argon Laboratories Sample Receipt Checklist

Client Name: Safety & Environmental Solution Date & Time Received: 3/20/2007 14:35

Project Name: Fasken & Denton SWD Client Project Number: FAS-07-001

Received By: R.E. Matrix: Water Soil

Sample Carrier: Client Laboratory Fed Ex UPS Other

Argon Labs Project Number: B703011

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

Samples received intact? Yes No Sufficient sample volume for requested tests? Yes No

Samples received under refrigeration? Yes No Chain of custody present? 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: _____

argon laboratories

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

Project Number: FAS-07-001
Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703011

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH#8 6'	B703011-01	Soil	03/19/07 11:40	03/20/07 14:35
BH#8 5'	B703011-02	Soil	03/19/07 12:25	03/20/07 14:35
BH#8 10'	B703011-03	Soil	03/19/07 12:45	03/20/07 14:35
BH#8 15'	B703011-04	Soil	03/19/07 13:30	03/20/07 14:35
BH#8 20'	B703011-05	Soil	03/19/07 13:50	03/20/07 14:35
BH#8 25'	B703011-06	Soil	03/19/07 14:15	03/20/07 14:35
BH#8 30'	B703011-07	Soil	03/19/07 14:30	03/20/07 14:35
BH#8 35'	B703011-08	Soil	03/19/07 14:50	03/20/07 14:35
BH#8 40'	B703011-09	Soil	03/19/07 15:15	03/20/07 14:35



QC Officer Approval

Argon Laboratories, Inc.

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email: info@argonlabs.com

argon laboratories

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

Project Number: FAS-07-001
Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703011

Anions by Ion Chromatography - EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#8 6' (B703011-01) Soil Sampled: 03/19/07 11:40 Received: 03/20/07 14:35							
Chloride	5800	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 5' (B703011-02) Soil Sampled: 03/19/07 12:25 Received: 03/20/07 14:35							
Chloride	2100	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 10' (B703011-03) Soil Sampled: 03/19/07 12:45 Received: 03/20/07 14:35							
Chloride	800	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 15' (B703011-04) Soil Sampled: 03/19/07 13:30 Received: 03/20/07 14:35							
Chloride	640	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 20' (B703011-05) Soil Sampled: 03/19/07 13:50 Received: 03/20/07 14:35							
Chloride	880	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 25' (B703011-06) Soil Sampled: 03/19/07 14:15 Received: 03/20/07 14:35							
Chloride	310	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 30' (B703011-07) Soil Sampled: 03/19/07 14:30 Received: 03/20/07 14:35							
Chloride	370	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 35' (B703011-08) Soil Sampled: 03/19/07 14:50 Received: 03/20/07 14:35							
Chloride	360	10	mg/kg	1	03/25/07	EPA 300.0	
BH#8 40' (B703011-09) Soil Sampled: 03/19/07 15:15 Received: 03/20/07 14:35							
Chloride	64	10	mg/kg	1	03/25/07	EPA 300.0	



QC Officer Approval
Argon Laboratories, Inc.



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

Project Number: FAS-07-001
Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703011

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

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#8 40' (B703011-09) Soil Sampled: 03/19/07 15:15 Received: 03/20/07 14:35							
Total Petroleum Hydrocarbons	<10	10	mg/kg	1	03/26/07	EPA 418.1	



QC Officer Approval

Argon Laboratories, Inc.

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

email: info@argonlabs.com

argon laboratories

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

Project Number: FAS-07-001
 Project Name: Fasken & Denton SWD
 Project Manager: Bob Allen

Work Order No.:
 B703011

Anions by Ion Chromatography - EPA Method 300.0 - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BQ00040 - General Prep

Blank (BQ00040-BLK1)

Prepared & Analyzed: 03/25/07

Chloride	ND	10	mg/kg						
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LCS (BQ00040-BS1)

Prepared & Analyzed: 03/25/07

Chloride	5.14		mg/kg	5.00		103	70-130		
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LCS Dup (BQ00040-BSD1)

Prepared & Analyzed: 03/25/07

Chloride	5.16		mg/kg	5.00		103	70-130	0.4	20
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Matrix Spike (BQ00040-MS1)

Prepared & Analyzed: 03/25/07

Chloride	4.70		mg/kg	5.00		94	70-130		
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Matrix Spike Dup (BQ00040-MSD1)

Prepared & Analyzed: 03/25/07

Chloride	4.60		mg/kg	5.00		92	70-130	2	20
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QC Officer Approval
 Argon Laboratories, Inc.

argon laboratories

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

Project Number: FAS-07-001
Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703011

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	%REC Limits	RPD	RPD Limit	Notes
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Batch BQ00041 - EPA 3550B

Blank (BQ00041-BLK1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	ND	10	mg/kg							
LCS (BQ00041-BS1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	26.4		mg/kg	25.0		106	70-130			
LCS Dup (BQ00041-BSD1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	25.9		mg/kg	25.0		104	70-130	2	20	
Matrix Spike (BQ00041-MS1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	23.2		mg/kg	25.0		93	70-130			
Matrix Spike Dup (BQ00041-MSD1)				Prepared & Analyzed: 03/26/07						
Total Petroleum Hydrocarbons	24.0		mg/kg	25.0		96	70-130	3	20	



QC Officer Approval

Argon Laboratories, Inc.

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: FAS-07-001

Project Name: Fasken & Denton SWD

Project Manager: Bob Allen

Work Order No.:

B703011

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



QC Officer Approval

Argon Laboratories, Inc.

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

email: info@argonlabs.com



30 March 2007

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

RE: Fasken & Denton SWD Project Data

Enclosed are the results for sample(s) received on 03/20/07 14:35 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 ANALYTICAL SERVICES, INC.

CHAIN OF CUSTODY

Project Information:

Project No: **PA5-07-001**
 Location: **Wasken Denton SWD**
Corington, NM
 Sample Name: **Isaac Kincaid**
 Sample's Signature: 

Report To:

Consultant: **Safety & Environmental Solutions, Inc.**
 Address: **703 E. Clinton, Suite 102**
Hobbs, NM 88240
 Contact: **(505)397-0510**
 Phone: **(505)393-4388**
 Fax: **(505)393-4388**

Samples Submitted To:

Laboratory: **Argon Labs**
 Address: **2126 W. Marland Ave.**
Hobbs, NM 88240
 Contact: **(505) 397-0295**
 Phone: **(505) 397-0296**
 Fax: **(505) 397-0296**

Client Address: **Same as Above**

TURN AROUND TIME

24 Hour 48 Hour Standard Same Day

ANALYSIS

Sample ID	Date	Time	# Containers	Matrix	418.1	BTEX	TDS	Chloride	Sulfate	TPH 80.15
BH# 6" 6"	3/20/07	0720	1	Soil				✓		
BH# 5' 5"	3/20/07	0745	1	Soil				✓		
BH# 10' 10"	3/20/07	0805	1	Soil				✓		
BH# 15' 15"	3/20/07	0830	1	Soil				✓		
BH# 20' 20"	3/20/07	0850	1	Soil				✓		
BH# 10' 6"	3/20/07	0915	1	Soil				✓		
BH# 5' 5"	3/20/07	0945	1	Soil				✓		
BH# 10' 10"	3/20/07	1000	1	Soil				✓		
BH# 20' 20"	3/20/07	1300	1	Soil				✓		
BH# 10' 15"	3/20/07	1245	1	Soil				✓		

Relinquished By:  Date: **3/20/07** Time: **1435**

Received By:  Date: **3-20-07** Time: **1435**

Special Instructions:

Relinquished By: _____ Date: _____ Time: _____

Received By: _____ Date: _____ Time: _____

Argon Laboratories Sample Receipt Checklist

Client Name: Safety & Environmental Solution Date & Time Received: 3/20/2007 14:35

Project Name: Fasken & Denton SWD Client Project Number: FAS-07-001

Received By: R.E. Matrix: Water Soil

Sample Carrier: Client Laboratory Fed Ex UPS Other

Argon Labs Project Number: B703012

Shipper Container in good condition?		Samples received in proper containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Samples received intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples received under refrigeration?	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 present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Samples received within holding time?	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"/>	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?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Do VOA vials contain zero headspace?	(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: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH#9 6"	B703012-01	Soil	03/20/07 07:20	03/20/07 14:35
BH#9 5'	B703012-02	Soil	03/20/07 07:45	03/20/07 14:35
BH#9 10'	B703012-03	Soil	03/20/07 08:05	03/20/07 14:35
BH#9 15'	B703012-04	Soil	03/20/07 08:30	03/20/07 14:35
BH#9 20'	B703012-05	Soil	03/20/07 08:50	03/20/07 14:35
BH#10 6"	B703012-06	Soil	03/20/07 09:15	03/20/07 14:35
BH#10 5'	B703012-07	Soil	03/20/07 09:45	03/20/07 14:35
BH#10 10'	B703012-08	Soil	03/20/07 12:25	03/20/07 14:35
BH#10 20'	B703012-09	Soil	03/20/07 13:00	03/20/07 14:35
BH#10 15'	B703012-10	Soil	03/20/07 12:45	03/20/07 14:35

QC Officer Approval
Argon Laboratories, Inc.

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

Anions by Ion Chromatography - EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#9 6" (B703012-01) Soil Sampled: 03/20/07 07:20 Received: 03/20/07 14:35							
Chloride	4700	10	mg/kg	1	03/25/07	EPA 300.0	
BH#9 5' (B703012-02) Soil Sampled: 03/20/07 07:45 Received: 03/20/07 14:35							
Chloride	1800	10	mg/kg	1	03/25/07	EPA 300.0	
BH#9 10' (B703012-03) Soil Sampled: 03/20/07 08:05 Received: 03/20/07 14:35							
Chloride	1500	10	mg/kg	1	03/25/07	EPA 300.0	
BH#9 15' (B703012-04) Soil Sampled: 03/20/07 08:30 Received: 03/20/07 14:35							
Chloride	210	10	mg/kg	1	03/25/07	EPA 300.0	
BH#9 20' (B703012-05) Soil Sampled: 03/20/07 08:50 Received: 03/20/07 14:35							
Chloride	110	10	mg/kg	1	03/25/07	EPA 300.0	
BH#10 6" (B703012-06) Soil Sampled: 03/20/07 09:15 Received: 03/20/07 14:35							
Chloride	2200	10	mg/kg	1	03/25/07	EPA 300.0	
BH#10 5' (B703012-07) Soil Sampled: 03/20/07 09:45 Received: 03/20/07 14:35							
Chloride	820	10	mg/kg	1	03/25/07	EPA 300.0	
BH#10 10' (B703012-08) Soil Sampled: 03/20/07 12:25 Received: 03/20/07 14:35							
Chloride	100	10	mg/kg	1	03/25/07	EPA 300.0	
BH#10 20' (B703012-09) Soil Sampled: 03/20/07 13:00 Received: 03/20/07 14:35							
Chloride	290	10	mg/kg	1	03/25/07	EPA 300.0	


 QC Officer Approval
 Argon Laboratories, Inc.



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

Anions by Ion Chromatography - EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#10 15' (B703012-10) Soil Sampled: 03/20/07 12:45 Received: 03/20/07 14:35							
Chloride	170	10	mg/kg	1	03/25/07	EPA 300.0	



QC Officer Approval
Argon Laboratories, Inc.

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

Total Petroleum Hydrocarbons EPA Method 8015B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#10 6" (B703012-06) Soil Sampled: 03/20/07 09:15 Received: 03/20/07 14:35							
Gasoline Range Organics	80	10	mg/kg	1	03/25/07	EPA 8015B	
Diesel Range Organics	1200	10	"	"	"	"	
C29 - C35 Range Organics	<20	20	"	"	"	"	
Total Petroleum Hydrocarbons	1300	10	"	"	"	"	
Surr. Rec.:					"	"	114 %
BH#10 5' (B703012-07) Soil Sampled: 03/20/07 09:45 Received: 03/20/07 14:35							
Gasoline Range Organics	670	10	mg/kg	1	03/25/07	EPA 8015B	
Diesel Range Organics	2000	10	"	"	"	"	
C29 - C35 Range Organics	<20	20	"	"	"	"	
Total Petroleum Hydrocarbons	2700	10	"	"	"	"	
Surr. Rec.:					"	"	121 %
BH#10 10' (B703012-08) Soil Sampled: 03/20/07 12:25 Received: 03/20/07 14:35							
Gasoline Range Organics	1500	10	mg/kg	1	03/25/07	EPA 8015B	
Diesel Range Organics	4000	10	"	"	"	"	
C29 - C35 Range Organics	<20	20	"	"	"	"	
Total Petroleum Hydrocarbons	5500	10	"	"	"	"	
Surr. Rec.:					"	"	117 %
BH#10 20' (B703012-09) Soil Sampled: 03/20/07 13:00 Received: 03/20/07 14:35							
Gasoline Range Organics	<10	10	mg/kg	1	03/25/07	EPA 8015B	
Diesel Range Organics	<10	10	"	"	"	"	
C29 - C35 Range Organics	<20	20	"	"	"	"	
Total Petroleum Hydrocarbons	<10	10	"	"	"	"	
Surr. Rec.:					"	"	103 %


 QC Officer Approval

Argon Laboratories, Inc.

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

Total Petroleum Hydrocarbons EPA Method 8015B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#10 15' (B703012-10) Soil Sampled: 03/20/07 12:45 Received: 03/20/07 14:35							
Gasoline Range Organics	62	10	mg/kg	1	03/25/07	EPA 8015B	
Diesel Range Organics	310	10	"	"	"	"	
C29 - C35 Range Organics	<20	20	"	"	"	"	
Total Petroleum Hydrocarbons	370	10	"	"	"	"	
Surr. Rec.:		117 %			"	"	



 QC Officer Approval
 Argon Laboratories, Inc.

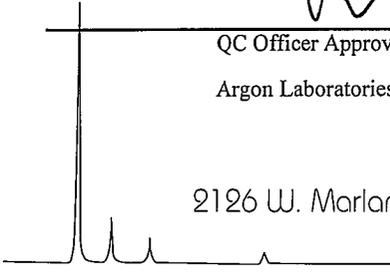
Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

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

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH#9 20' (B703012-05) Soil Sampled: 03/20/07 08:50 Received: 03/20/07 14:35							
Total Petroleum Hydrocarbons	<10	10	mg/kg	1	03/26/07	EPA 418.1	



 QC Officer Approval
 Argon Laboratories, Inc.



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

Anions by Ion Chromatography - EPA Method 300.0 - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BQ00040 - General Prep

Blank (BQ00040-BLK1)				Prepared & Analyzed: 03/25/07						
Chloride	ND	10	mg/kg							
LCS (BQ00040-BS1)				Prepared & Analyzed: 03/25/07						
Chloride	5.14		mg/kg	5.00		103	70-130			
LCS Dup (BQ00040-BSD1)				Prepared & Analyzed: 03/25/07						
Chloride	5.16		mg/kg	5.00		103	70-130	0.4	20	
Matrix Spike (BQ00040-MS1)				Prepared & Analyzed: 03/25/07						
Chloride	4.70		mg/kg	5.00		94	70-130			
Matrix Spike Dup (BQ00040-MSD1)				Prepared & Analyzed: 03/25/07						
Chloride	4.60		mg/kg	5.00		92	70-130	2	20	


 QC Officer Approval

Argon Laboratories, Inc.

argon laboratories

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: FAS-07-001 Project Name: Fasken & Denton SWD Project Manager: Bob Allen	Work Order No.: B703012
---	---	----------------------------

Total Petroleum Hydrocarbons EPA Method 8015B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BQ00046 - EPA 3550B

Blank (BQ00046-BLK1)

Prepared & Analyzed: 03/25/07

Surrogate: <i>p</i> -Terphenyl	0.118		mg/kg	0.100		118	70-130			
Gasoline Range Organics	ND	10	"							
Diesel Range Organics	ND	10	"							
C29 - C35 Range Organics	ND	20	"							
Total Petroleum Hydrocarbons	ND	10	"							

LCS (BQ00046-BS1)

Prepared & Analyzed: 03/25/07

Total Petroleum Hydrocarbons	252		mg/kg	250		101	70-130			
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Matrix Spike (BQ00046-MS1)

Prepared & Analyzed: 03/25/07

Total Petroleum Hydrocarbons	266		mg/kg	250		106	70-130			
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Matrix Spike Dup (BQ00046-MSD1)

Prepared & Analyzed: 03/25/07

Total Petroleum Hydrocarbons	276		mg/kg	250		110	70-130	4	20	
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 QC Officer Approval

Argon Laboratories, Inc.

argon laboratories

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

Project Number: FAS-07-001
 Project Name: Fasken & Denton SWD
 Project Manager: Bob Allen

Work Order No.:
 B703012

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 Limits	RPD	RPD Limit	Notes
Batch BQ00041 - EPA 3550B									
Blank (BQ00041-BLK1)				Prepared & Analyzed: 03/26/07					
Total Petroleum Hydrocarbons	ND	10	mg/kg						
LCS (BQ00041-BS1)				Prepared & Analyzed: 03/26/07					
Total Petroleum Hydrocarbons	26.4		mg/kg	25.0		106	70-130		
LCS Dup (BQ00041-BSD1)				Prepared & Analyzed: 03/26/07					
Total Petroleum Hydrocarbons	25.9		mg/kg	25.0		104	70-130	2	20
Matrix Spike (BQ00041-MS1)				Prepared & Analyzed: 03/26/07					
Total Petroleum Hydrocarbons	23.2		mg/kg	25.0		93	70-130		
Matrix Spike Dup (BQ00041-MSD1)				Prepared & Analyzed: 03/26/07					
Total Petroleum Hydrocarbons	24.0		mg/kg	25.0		96	70-130	3	20



 QC Officer Approval
 Argon Laboratories, Inc.



Safety & Environmental Solutions, Inc.

703 E. Clinton Ave
Hobbs, NM 88240

Project Number: FAS-07-001

Project Name: Fasken & Denton SWD
Project Manager: Bob Allen

Work Order No.:
B703012

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

A handwritten signature in black ink, appearing to be "Vh".

QC Officer Approval

Argon Laboratories, Inc.