

**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

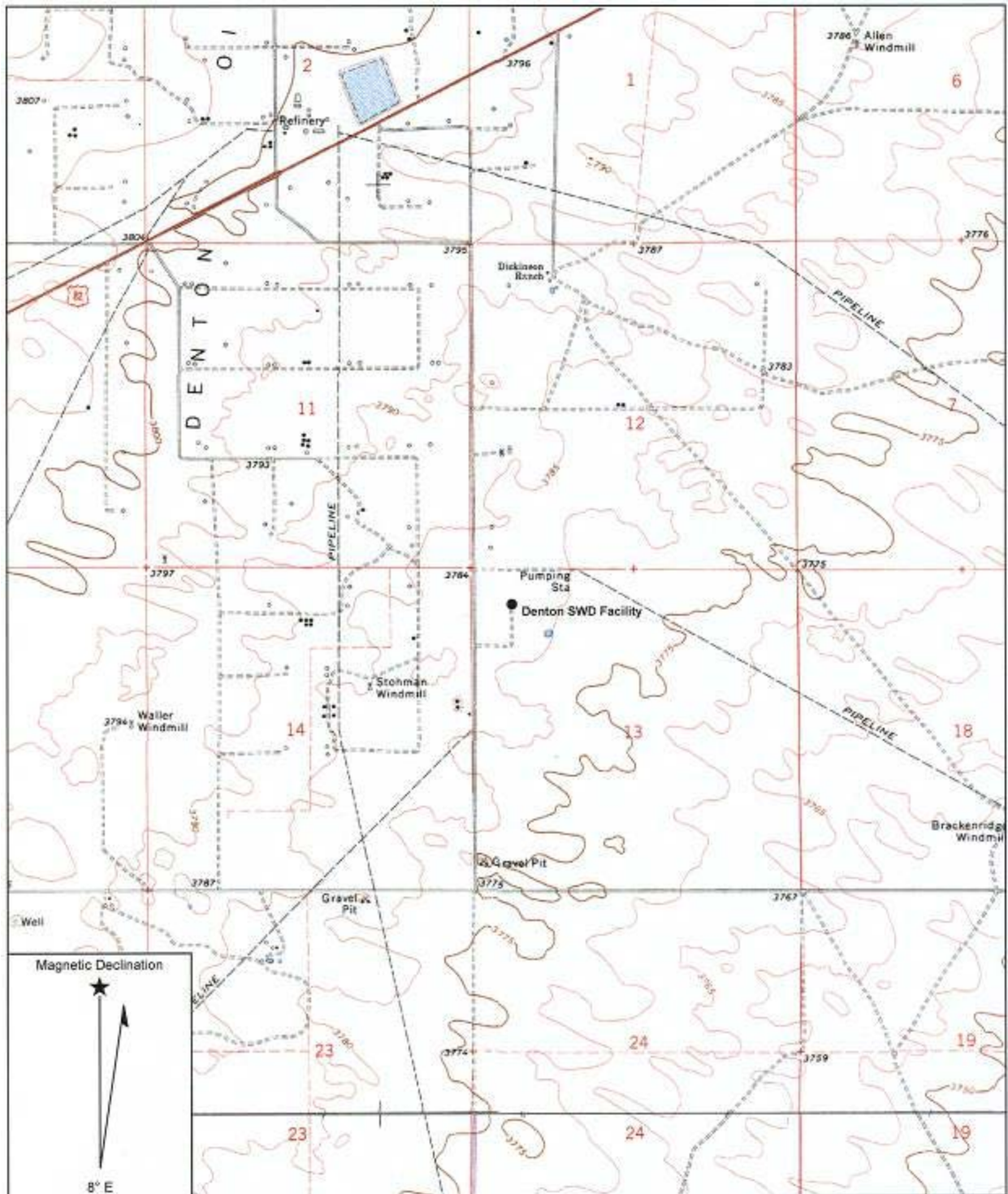
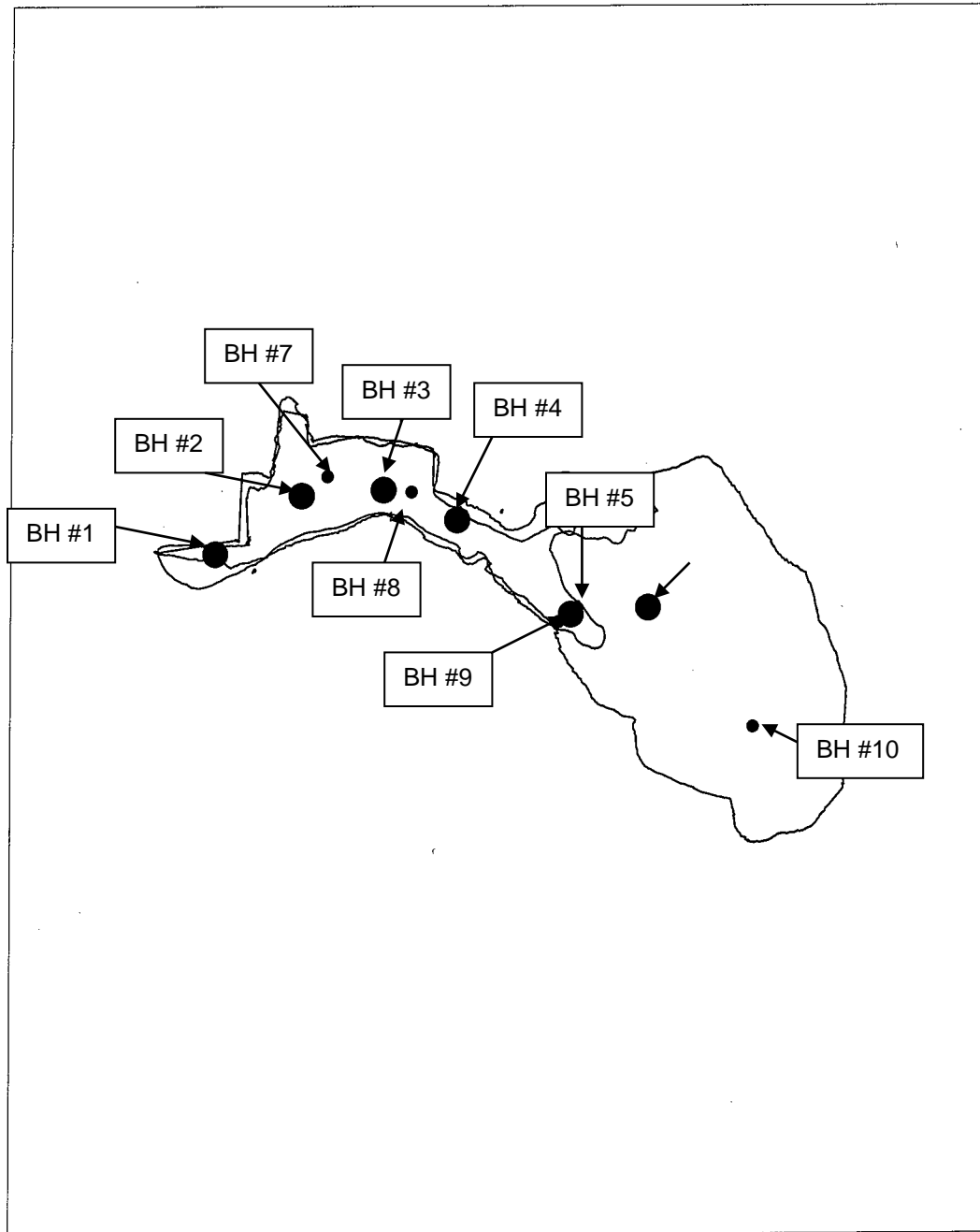


Figure 2

Site Plan



Denton SWD SE Corner

Lat/Long
WGS 1984



Scale 1:2,000
0 250.0
Feet

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

0003

Aug 09 05 10:38a

ST

OR TWYLA SMITH

505-5-0930

P. 1

08/09/2005 07:21

5053930720

EMNRD OGD

PAGE 03/03

Jul 20 05 06:38a

STEVE OR TWYLA SMITH

505-396-0930

P. 2

JUL-15-05 14:37 From:6152219

15052032756

T-200 P.01/01 Job-258

District
 1525 N. French St., Hobbs, NM 88240
 District II
 1501 W. Grand Avenue, Artesia, NM 88210
 District III
 1600 N. Grand Avenue, Aztec, NM 87510
 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, 2002

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	1501 W. Grand Ave.	Telephone No.	(505) 441-0930
Facility Name	Aertron SWD #1	Facility Type	SWD - Leaking Station
Surface Owner	Black Angus	Mineral Owner	
		Lease No.	

LOCATION OF RELEASE

Well Name	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West line	County
	13	15S	37E	660 FNL	660 FNL			Lea Co. NM

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	SALT WATER	Volume of Release	6000 GALLONS	Volume Released	2940 GALLONS
Source of Release	SWD - Leaking Station	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, Black Angus, DCLB, Larry Johnson		
By Whom?	Steve Smith	Date and Hour	7/20/05	A.M.	
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:					

Describe Cause of Problem and Remedial Action Taken: Pump failure and black Angus, over 8000 lbs of salt water. Repaired pump failure, began immediate removal of water from battery.

Describe Area Affected and Cleanup Action Taken: 15 ft of battery affected. Area south end of battery 400' x 50' in distance. 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 NMOCDO 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, NMOCDO acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other Federal, state or local laws and regulations.

OIL CONSERVATION DIVISION

Signature	[Signature]		
Printed Name	Stephen B. Smith		
Title	Manager		
Email Address	SMITHSTEVE@hotmail.com		
Date	7/20/05	Phone	441-0930
Approved by District Supervisor		Approval Date	
Conditions of Approval:		Accepted <input type="checkbox"/>	

Attach Additional Sheets if Necessary

01/19/07 FRI 11:06 FAX 4326871570

FASKEN ENG

002

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	Eaa
		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 / 1 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

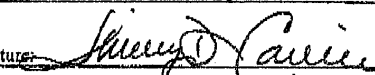
Describe Cause of Problem and Remedial Action Taken.*

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 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: 	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

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. **h99-75** Cardinal shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors 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.



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



CARDINAL 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
Phone #: (505) 397-0510 State: NM Zip: 88240
Project #: AME-05-004 Fax #: (505) 393-4388
Project Name: DEWELL SWD SOUTH EST CORNER
Project Location: LEA COUNTY, NM
Sample Name: Brown Casas
FOR LAB USE ONLY

REL TO

ANALYSIS REQUEST

Lab I.D. Sample I.D.
H10131-1
-2
-3
-4
-5
Q01-18" bgs
Q02-18" bgs
Q03-18" bgs
Q04-18" bgs
Q05-18" bgs

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

MATRIX

PRESERV.

SAMPLING

(G)RAB OR (C)OMP.
CONTAINERS

GROUNDWATER
WASTEWATER

SOIL
OIL
SLUDGE

OTHER:
ACID/BASE:
ICE / COOL
OTHER:

DATE
TIME

8-29

CHLORIDES

PLEASE NOTE: Lab and Damages: Cardinal's liability and client's exclusion remedy for any claim arising within the contract or tort, shall be limited to the amount paid by the client for the analysis. No other damages shall be recoverable. 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. The client agrees to hold Cardinal harmless from and defend Cardinal against all claims, damages, costs, and expenses, including attorney's fees, arising out of or resulting from the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

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

Relinquished By: [Signature]
Date: 8-29-05
Time: 1605

Received By: [Signature]
Date: 8-29-05
Time: 1605

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

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition: ☐ Intact? ☐ No
Checked By: [Signature]

* 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: 09/01/05
Reporting Date: 09/02/05
Project Number: AME-05-004
Project Name: DENTON SWD SOUTHEAST CORNER
Project Location: LEA COUNTY, NM

Analysis Date: 09/02/05
Sampling Date: 08/31/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: AH

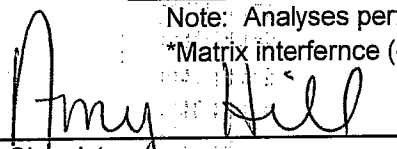
LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H10141-1	BH1-5'	3199
H10141-2	BH1-10'	816
H10141-3	BH1-15'	1200
H10141-4	BH1-20'	272
H10141-5	BH2-5'	1967
H10141-6	BH2-10'	1200
H10141-7	BH2-15'	2479
H10141-8	BH2-20'	976
H10141-9	BH2-25'	640
H10141-10	BH2-30'	800
H10141-11	BH2-35'	960
H10141-12	BH2-40'	448
Quality Control		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.

*Matrix interference (color) observed.


Chemist

9/2/05
Date



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603

(915) 673-7001 Fax (915) 673-7020

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

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: Americo
Project Location: 14900 SOUTHWEST CORNER
Sampler Name: Bob Allen

P.O. #:

Company: SAME

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

#10140-1 BH 1 - 5'

-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'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

2005 8-31 0915

1000

1020

1040

1145

1210

1230

1310

1420

1500

CHLORIDES

NOTE: Lab and Damages. Cardinal's liability and client's liability remedy by any claim arising within the time period 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, by advertiser, or any other party, arising out of or in connection with the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Sample Retention: 30 days past due at the rate of 25% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Relinquished By: [Signature]

Date: 8-1-05

Received By: [Signature]

Date: 8-1-05

Phone Result: [] Yes [] No

Fax Result: [] Yes [] No

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Temp. °C

Intact? [] 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-Cl ⁻ B

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

Amy Hill
Chemist

9/7/05
Date



ARDINAL LABORATORIES, INC.

2111 Beechwood, Ashboro, TX 79603
(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 #: AME-05-004 Fax #: (505) 393-4388
Project Name: DELTAIR SAND SOUTHEAST PARKER
Project Location: La Parry, NM
Sampler Name: Juan Cano
FOR LAB USE ONLY

P.O. #:

MAIL TO

ANALYSIS REQUEST

Company: SAME

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

WID44-1

BH 3-5'

BH 3-10'

BH 3-15'

BH 3-20'

BH 3-25'

BH 3-30'

BH 3-35'

BH 3-40'

BH 3-45'

BH 4-5'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

CHARIDES

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's recourse limited by 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 deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. 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 substitution, alteration or modification of any or related to the performance of services requested by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

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.

Sample Relinquished:

Time: 1-2-05

Received By:

Relinquished By:

Time: 12:15

Received By: (Lab Staff)

Delivered By: (Circle One)

Time: 12:00 PM

Received By: (Signature)

Sampler - UPS - Burs - Other:

Sample Condition

Temp, %

Intact

By: (Initials)

Checked

By: (Initials)

REMARKS:

Phone Result

Fax Result

Yes

No

Yes

No

Yes

No

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



ARDINAL LABORATORIES, INC.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS
Project Manager: Bob Hulse
Address: 703 E. CLINTON, #102
City: HOBBS
Phone #: (505) 397-0510 State: NM Zip: 88240
Project #: A-ME-05-004 Fax #: (505) 393-4388
Project Name: DENNY SWD SOUTHERN POWER
Project Location: 4th Quarry, NM
Sampler Name: Steve Casar
FOR LAB USE ONLY

P.O. #:

Company: SAME

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

1101441

BH-4-10'

BH-4-15'

BH-4-20'

BH-4-25'

BH-4-30'

BH-4-35'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

CHLORIDES

ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract shall be limited to the amount paid by the client for the analysis. At the time of signing this contract, Cardinal's liability and client's exclusive remedy shall be limited to the amount paid by the client for the analysis. In the event that Cardinal is held liable for negligent or consequential damages, including without limitation, business interruption, loss of data, or loss of profits, Cardinal shall be held liable for the full amount of such damages, including attorney's fees, and all costs of collection, including attorney's fees.

Sample relinquished by:

Date:

Received By:

Relinquished By:

Date:

Received By: (Lab Staff)

Delivered By: (Circle One)

Date:

Sampler - UPS - Bure - Other:

Sample Condition

Temp. °C

By:

(Initials)

Phone Result

Fax Result

REMARKS:

Yes

No

Yes

No

Yes

No

Yes

No

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
FAX TO: (505) 393-4388

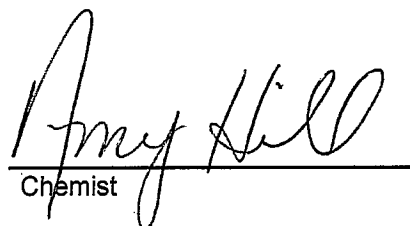
Receiving Date: 09/02/05
Reporting Date: 09/07/05
Project Number: AME-05-004
Project Name: DENTON SWD SOUTHEAST CORNER
Project Location: LEA COUNTY, NM

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



CARDINAL 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: DEWAR SUB SEATTLEST CREEK
Project Location: LEGA County NM
Sampler Name: John Cross
FOR LAB USE ONLY

P.O. #: ANALYSIS REQUEST Page 1 of 1

City: HOBBS
Phone #: (505) 397-0510 State: NM Zip: 88240
Project #: AME-05-004 Fax #: (505) 393-4388
Project Name: DEWAR SUB SEATTLEST CREEK
Project Location: LEGA County NM
Sampler Name: John Cross
FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME
10149-1	BH5-5'												9-2	0910
-2	BH5-10'													0935
-3	BH5-15'													1000
-4	BH5-20'													1030
-5	BH6-5'													1120
-6	BH6-10'													1150
-7	BH6-15'													1215
-8	BH6-20'													1245
-9	BH6-25'													1310

PLEASE NOTE: Laboratory and client's liability and chain of custody are limited to the amount paid by the client for the analysis. All chain of custody forms for projects and any other cases where the client is not the owner of the property being analyzed. In no event shall Cardinal be liable for individual or consequential damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, for whatever reason, and all costs of collection, including attorney's fees.

Terms and Conditions: Initials will be changed 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.

Sampler Initials: *John Cross*
Date: 9-2-05
Time: 9:35
Received By: *John Cross*

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Received By: (Lab Staff) *John Cross*

Sample Condition: ☐ Intact ☐ Broken
Temp. C: ☐ Yes ☐ No
Checked By: *John Cross*

Phone Results: ☐ Yes ☐ No
Fax Results: ☐ 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: **FAS-07-001**
 Subject Title: **Faslen & O'Brien SLD**

Location: **Levellington, NM**

Owner's Name: **Isaac Kincaid**

Owner's Signature: 

Owner'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:

Client: **Same as Above**
 Address:

Bill To:

Samples Submitted To:

Laboratory: **Argon Labs**
 Address: **2126 W. Marland Ave.**
Hobbs, NM 88240

Contact: **(505) 397-0295**
 Phone: **(505) 397-0296**
 Fax:

Date Results Required:

Date Report Required:


TURN AROUND TIME

SH ☐ 24 Hour ☐ 48 Hour ☒ Standard ☐ Same Day

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															

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Uninquired By: 

Special Instructions:

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? Samples received in proper containers? Yes ☒ No ☐

N/A ☐ Yes ☒ No ☐ Samples received intact? Yes ☒ No ☐

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

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

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

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

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

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments: _____

Action Taken: _____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments: _____

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.

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.

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		Units	Dilution	Analyzed	Method	Notes
		Limit						
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.

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 - 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.

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 - 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.

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

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

The logo for Argon Laboratories, featuring the word "argon" in a lowercase, rounded font and "laboratories" in a bold, uppercase, sans-serif font. Two small circles are positioned above the letters 'a' and 'l' respectively.

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 "H. Cueto".

Hiram Cueto
Lab Manager

ARGON ANALYTICAL SERVICES, INC.

CHAIN OF CUSTODY

Project Information:

Project No: **task-07-001**
 Project Title: **Tasken Denton SWD**
 Location: **Covington, NM**
 Sampler's Name: **Isaac Kincaid**
 (print)
 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: _____

Samples Submitted To:

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

Date Results Required: _____

Date Report Required: _____

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

TURN AROUND TIME

24 Hour ☐ 48 Hour ☐ Standard ☒ Same Day ☐

ANALYSIS

Sample ID	Date	Time	# Containers	Matrix	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: _____

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

Received By: _____

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

Special Instructions:

Relinquished By: _____

Date: _____ Time: _____

Received By: _____

Date: _____ Time: _____

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: B703011

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

N/A ☐ Yes ☒ No ☐ Samples received intact? Yes ☒ No ☐

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

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

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

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

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

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments: _____

Action Taken: _____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments: _____

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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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.

2905 Railroad Avenue, Ceres, CA 95307 • Phone (209) 581-9280 • Fax (209) 581-9282

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

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.

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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

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
----------	------	--	-------	------	----	--------	---	----

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

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.

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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.

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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,


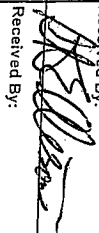
A handwritten signature in black ink, appearing to read "H. Cueto", written over the printed name.

Hiram Cueto
Lab Manager

ARGON ANALYTICAL SERVICES, INC.

CHAIN OF CUSTODY

Project Information:				Report To:				Samples Submitted To:			
Project No: bas-07-001 Subject Title: Tasken Benton SWD Location: Cavington, NM Sample Name: Isaac Kincaid Sample's Signature: 				Consultant: Safety & Environmental Solutions, Inc. Address: 703 E. Clinton, Suite 102 Hobbs, NM 88240 Contact: (505) 397-0510 Phone: (505) 397-0510 Fax: (505) 393-4386				Laboratory: Argon Labs Address: 2126 W. Marland Ave. Hobbs, NM 88240 Contact: (505) 397-0295 Phone: (505) 397-0296 Fax:			
Client: Same as Above Address:				Bill To:				Date Results Required:			
Date Report Required:				Date Report Required:				Date Report Required:			

TURN AROUND TIME				ANALYSIS									
Sample ID	Date	Time	# Containers	Matrix	418.1	BTEX	TDS	Chloride	Sulfate	TPH 80.15			
BH#9 6"	3/20/07	0720	1	Soil				✓					
BH#9 5'	3/20/07	0745	1	Soil				✓					
BH#9 10'	3/20/07	0805	1	Soil				✓					
BH#9 15'	3/20/07	0830	1	Soil				✓					
BH#9 20'	3/20/07	0850	1	Soil	✓			✓					
BH#10 6"	3/20/07	0915	1	Soil				✓					
BH#10 5'	3/20/07	0945	1	Soil				✓					
BH#10 10'	3/20/07	1000	1	Soil				✓					
BH#10 20'	3/20/07	1300	1	Soil				✓					
BH#10 15'	3/20/07	1245	1	Soil				✓					
Iniquished By: 				Received By: 				Date: 3-20-07 Time: 1435				Special Instructions:	
Iniquished By:				Received By:				Date: Time:					
Iniquished By:				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 ☒ No ☐

N/A ☐ Yes ☒ No ☐ Samples received intact? Yes ☒ No ☐

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

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

Chain of Custody signed by all parties? Yes ☒ No ☐ Do samples contain proper preservative?

N/A ☒ Yes ☐ No ☐

Chain of Custody matches all sample labels? Do VOA vials contain zero headspace?

Yes ☒ No ☐ (None submitted ☒) Yes ☐ No ☐

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

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments: _____

Action Taken: _____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments: _____

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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.:

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.

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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.:
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.

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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.:
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.

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

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.

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

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.

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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

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
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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
----------	------	--	-------	------	----	--------	---	----

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
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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	%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.

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

email: info@argonlabs.com



Safety & Environmental Solutions, Inc.

703 E. Clinton Ave
Hobbs, NM 88240


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Notes and Definitions

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



QC Officer Approval

Argon Laboratories, Inc.