pKJ1600740275
4091

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company Stephens & Johnson Operating Co.	Contact Bob Gilmore
Address P O Box 2249	Telephone No. 940-723-2166
Facility Name Denton North Wolfcamp Unit	Facility Type Water Supply Line

Surface Owner Dan Angel	Mineral Owner Unknown	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	1	T15S	R37E	2222	North	10	West	Lea

Latitude 033° 01' 34.9" N Longitude 103° 08' 41.9" W

NATURE OF RELEASE

Type of Release Salt Water	Volume of Release Unknown NA	Volume Recovered Unknown NA
Source of Release Salt Water Supply Line	Date and Hour of Occurrence NA	Date and Hour of Discovery NA
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully *

Describe Cause of Problem and Remedial Action Taken *
Leak was from water supply line which developed several years ago Leak was repaired and returned to service

Describe Area Affected and Cleanup Action Taken *
SESI environmental consultants determined vertical and horizontal extent of contamination Contaminated soil was dug out and replaced under OCD procedures

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: Bob Gilmore	OIL CONSERVATION DIVISION	
Printed Name: Bob Gilmore	Approved by District Supervisor:	
Title: Engineer	Approval Date:	Expiration Date:
E-mail Address: bgilmore@sjoc.net	Conditions of Approval:	Attached ☐
Date: 5-3-10 Phone:940-723-2166		

* Attach Additional Sheets If Necessary

P.O. Box 1613
703 E. Clinton Street
Hobbs, New Mexico 88240
575/397-0510
Fax 575/393-4388
www.sesi-nm.com

Safety & Environmental Solutions, Inc.

February 26, 2010

Mr. Larry Johnson
Environmental Engineer
New Mexico Oil Conservation Division
1625 French Drive
Hobbs, New Mexico 88240

Mr. Larry Johnson:

This letter is a request for closure at the Stevens and Johnson, North of 82. All of the delineation activities completed for the subject area are listed below in chronological order.

Safety & Environmental Solutions, Inc. (SESI) was engaged by Stephens & Johnson Operating Company to perform a site assessment of the area located in Section 1, Township 15 South, and Range 37 East in Lea County, New Mexico. The subject area was impacted by the spillage of an undetermined amount of produced water from an injection line associated with production in the area on September 10, 2001. The remediation for this site was initiated in July 2003; however this site has been dormant for several years.

Surface and Ground Water

The nearest groundwater of record with the New Mexico State Engineer's Office is in Section 2 of Township 15 South, Range 37 East. According to measurements taken February 18, 1966, the depth to water in this well is 40 feet.

Monitor wells installed by SESI within 600 to 800 feet of the subject site have respective depths to water of 71.25' and 71.15'. The groundwater measurements were taken on January 11, 2010.

Soils

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

Work Performed

July 17, 2003:

SESI was onsite to install Borehole #1. The borehole was drilled to 15' at which point the drilling rig malfunctioned and drilling was stopped. Samples were retrieved at 5, 10, and 15 feet.

July 24, 2003

SESI returned and drilled Borehole # 1 to a depth of 24 feet. Samples were retrieved at 18 and 22-24 feet. Borehole # 2 was drilled to a depth of 18 feet and samples were retrieved at 5, 10, 15, and 18 feet. Borehole #3 was drilled to a depth of 18 feet and samples were retrieved at 5, 10, 10-15, and 18 feet. Borehole #4 was drilled to a depth of 10 feet and samples were retrieved at 3, 5, and 10 feet.

All samples were properly packaged and preserved and sent under chain of custody to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were analyzed for Chlorides (EPA method 4500-Cl⁻B).

Date	Sample ID	Chlorides (mg/kg)
7/17/03	BH #1 5'	8397
7/17/03	BH #1 10'	5918
7/17/03	BH #1 15'	3679
7/24/03	BH #1 18	6958
7/24/03	BH #1 22-24'	496
7/24/03	BH #2, 5'	3759
7/24/03	BH #2 10'	2719
7/24/03	BH #2 15'	144
7/24/03	BH #2 18'	96
7/24/03	BH #3 5'	1264
7/24/03	BH #3 10'	160
7/24/03	BH #3 15'	128
7/24/03	BH #3 18'	112
7/24/03	BH #4 3'	2447
7/24/03	BH #4 5'	960
7/24/03	BH #4 10'	144

The results of the analysis of the bottom hole samples from the boreholes indicate that contamination has migrated to a depth of 24' in Borehole #1 which was closest to the actual leak and a depth of 10' in Borehole # 4 which was the greatest distance from the actual leak. The intermediate Boreholes 2 and 3 indicate migration to the depth of 15'. The results of this investigation indicate that chloride migration had not impacted the groundwater in the area of this leak site and it is recommended that the original Work Plan dated May 8, 2003 be followed to effect closure of this site.

April 28, 2006:

SESI was onsite to retrieve samples and map the excavation at the North of 82 Site. The excavation measures approximately 5,451 sq. ft. Samples were retrieved 0 to 6 inches in depth throughout the bottom and sides of the excavation. All samples were transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico for analysis. The samples were analyzed for Chlorides (EPA Method 300.00).

The results of the analysis are as follows:

Date	Sample ID	Chlorides (mg/kg)
4/28/06	A	23,000
4/28/06	B	16,000
4/28/06	C	950
4/28/06	D	19,000
4/28/06	E	1,400
4/28/06	F	170
4/28/06	G	4,400

The results of the sampling indicate the chloride levels to be elevated in the bottom and all of the sides of the excavation with the exception of the northeast sample.

May 12, 2009

SESI was onsite to retrieve samples. Samples were retrieved at a depth of six (6) feet throughout the bottom and sides of the excavation. All samples were transported under Chain of Custody to Ana-Lab of Kilgore Texas for analysis. The samples were analyzed for Chlorides (EPA Method 300.00).

The results of the analysis are as follows:

Date	Sample ID	Chlorides (mg/kg)
5/12/09	#1	17,300
5/12/09	#2	1220
5/12/09	#3	218
5/12/09	#4	4,530
5/12/09	#5	15,700
5/12/09	#6	3,770
5/12/09	EW	4,140
5/12/09	SW #1	7,520
5/12/09	SW #2	6,200
5/12/09	SW #3	7,670
5/12/09	SW #4	30.5
5/12/09	NW #1	8,010
5/12/09	NW #2	14,800
5/12/09	NW #3	14,600
5/12/09	NW #4	2,600
5/12/09	WW	21,100

The results of the sampling indicated the chloride levels to be elevated in the bottom and all of the sides of the excavation with the exception of the south wall #3.

January 4, 2010:

SESI was onsite with Watson Construction to further excavate the area. The floor bottom was excavated an additional two (2) feet to a depth of seven (7) feet.

Samples were retrieved from the floor bottom of the excavation, as well as, the side walls to determine horizontal extent until chloride concentration indicated below 250 parts per million

(ppm). All grab samples were transported under Chain of Custody to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were analyzed for Chlorides (EPA Method 4500-B).

The results of the analysis are as follows:

Date	Sample ID	Chlorides (mg/kg)
1/04/10	#1 7'bgs	144
1/04/10	#2 6'bgs	128
1/04/10	#3 7'bgs	32
1/04/10	#4 6'bgs	288
1/04/10	#5 6'bgs	48
1/04/10	#6 4'bgs	496
1/04/10	NW #1	64
1/04/10	NW #2	96
1/04/10	NW #3	<16
1/04/10	NW #4	32
1/04/10	EW	624
1/04/10	SW #1	10,800
1/04/10	SW #2	288
1/04/10	SW #3	2,600
1/04/10	SW #4	1,310
1/04/10	WW	128

Sample SW #1 is the south wall at the fence line that separates the site from NM Highway 82 Right of Way. Mr. Larry Johnson (NMOCD) agreed that no additional excavation was required at the SW#1 due to the fence line.

As a result of the high chloride contamination on the south wall, the SW #3 and SW #4 areas were excavated an additional five (5) feet to determine vertical extent. SW #1 was not excavated any further due to the fence line. The samples were transported under Chain of Custody to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were analyzed for Chlorides (EPA Method 4500-B).

The results of the analysis are as follows:

Date	Sample ID	Chlorides (mg/kg)
1/04/10	SW #3 (5')	112
1/04/10	SW #4 (5')	80

January 19, 2010:

SESI was onsite with Mr. Larry Johnson of New Mexico Oil Conservation Division (NMOCD) to discuss closure plan. Mr. Johnson requested the installation of a 40-mil liner at the bottom of the excavation on the west side running north and south.

Akome was onsite to install a 60'X65' 40-mil liner at a depth of seven (7) feet on the west side of the excavation. Topsoil was placed on top of liner to prevent tearing. The excavation was backfilled with caliche to a depth of three (3) feet then backfilled with top soil.

Approximately 2,758 yards of contaminated soils were excavated and transported to a New Mexico Oil Conservation Division (NMOCD) approved disposal facility. The location was backfilled with 3,156 yards of topsoil and contoured to its natural grade.

Conclusion

Remedial actions at this site have all been performed with the approval of, and in accordance with all New Mexico Oil Conservation Division (NMOCD) requirements. It is requested that the location be re-seeded to the landowner's specifications and that no further action will be required.

Please contact me should you have questions or require further information.

Thank you for your attention in this matter.

Sincerely,

Bob Allen CSP, REM
President

ba/sr

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

SHF-03-001

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

June 16, 2003

Stevens & Johnson Operating Co.
PO Box 2249
Wichita Falls, TX 76307-2249

Re: Remediation Work Plan:
Denton Field North of 82 Site
Site Location: Sec 1 T15S R37E
Plan Submittal Dated: May 8, 2003

The referenced Work Plan submitted to New Mexico Oil Conservation Division (OCD) by Safety & Environmental Solutions, Inc. (SES) for Stevens & Johnson Operating Co. is **hereby approved** with the following conditions:

- OCD will be given 48 hour notice prior to sampling events to witness and/or split samples
- Drilling to and sampling of groundwater will be prudent if deep chloride contamination is encountered above 250 mg/L or 250 ppm in boring samples
- Provide convex soft soil/sand pad under plastic barrier, pad top to protect from puncture
- Increase plastic liner from SES requested 20 mil to 30 mil

Please be advised that OCD approval of this plan does not relieve Stevens & Johnson Operating Co. liability should their operations fail to adequately investigate and remediate contaminants that threaten ground water, surface water, human health or the environment. Additionally, OCD approval does not relieve Stevens & Johnson Operating Co. of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions or need assistance call: (505) 393-6161, ext. 111, or email: lwjohnson@state.nm.us or Paul Sheeley at: ext. 113, email: psheeley@state.nm.us

Sincerely,

Larry Johnson-Environmental Engineer

Cc: Roger Anderson - Environmental Bureau Chief
Chris Williams - District I Supervisor
Bill Olson - Hydrologist
Paul Sheeley - Environmental Engineer
Bob Allen – Safety & Environmental Solutions, Inc.

Stephens & Johnson Operating Company
North of 82
Section 1, Township 15 South, Range 37 East
Lea County, New Mexico

Closure Report

January 26, 2010

Prepared for:

Stephens & Johnson Operating Company
811 Sixth Street, Suite 300
Wichita Falls, Texas 76301-2509

Approved by:
Jeffrey Lakins
Env. Engr.
NMOCD - Hobbs
01/07/11

Prepared by:

Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510

I. Background

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Monitor wells installed by SESI within 600 to 800 feet of the subject site have respective depths to water of 71.25' and 71.15'. The groundwater measurements were taken on January 11, 2010.

III. Soils

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

IV. Work Performed

On May 12, 2009, SESI was onsite to retrieve samples. Samples were retrieved at a depth of six (6) feet throughout the bottom and sides of the excavation. All samples were transported under Chain of Custody to Ana-Lab of Kilgore Texas for analysis. The samples were analyzed for Chlorides (EPA Method 300.00).

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1/04/10	NW #1	64
1/04/10	NW #2	96
1/04/10	NW #3	<16
1/04/10	NW #4	32
1/04/10	EW	624
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1/04/10	SW #4	1,310
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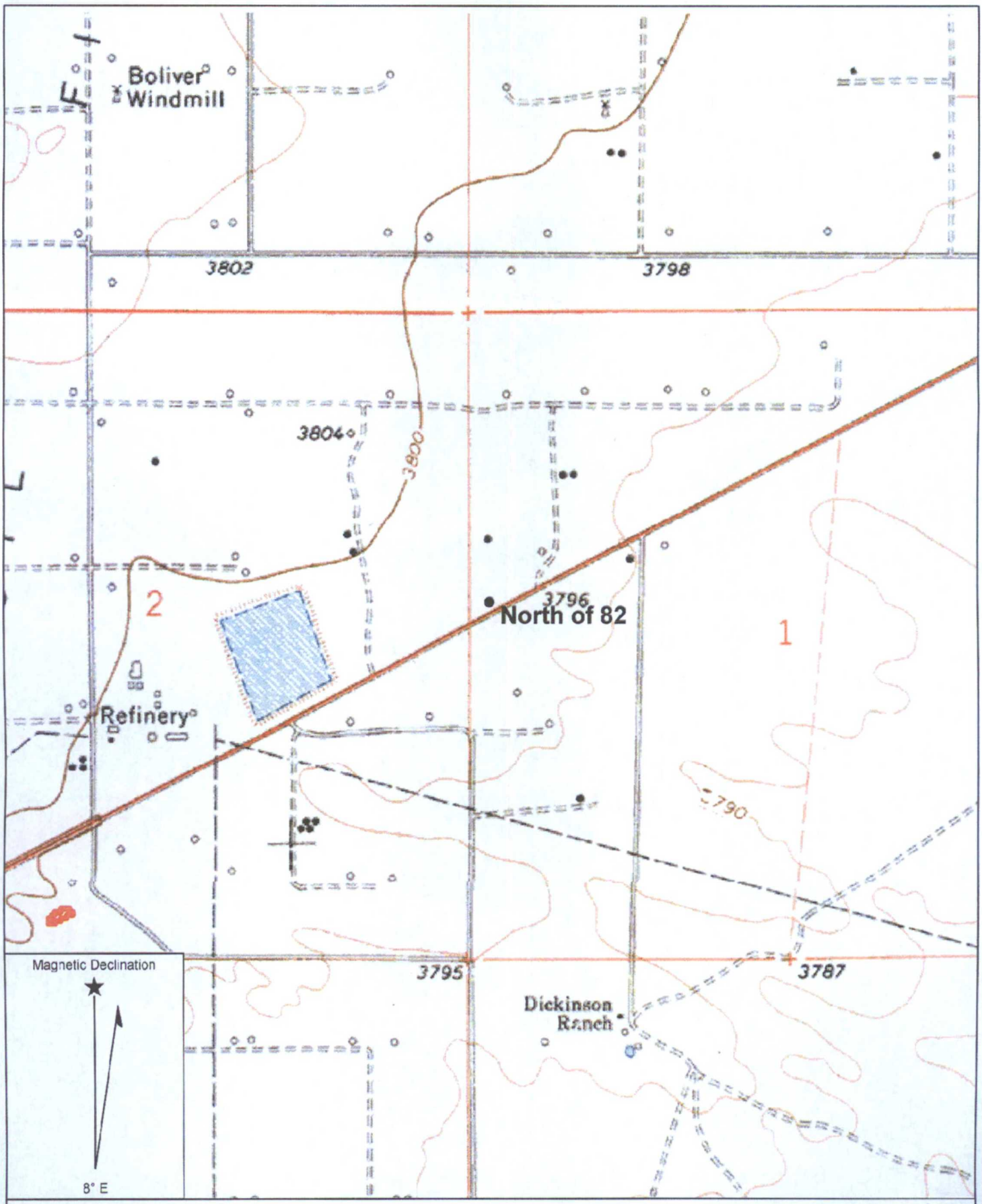
V. Conclusion

Remedial actions at this site have all been performed with the approval of, and in accordance with all New Mexico Oil Conservation Division (NMOCD) requirements.

It is requested that the location be re-seeded to the landowner's specifications and that no further action will be required.

VI. Figures & Appendices

Figure 1 - Vicinity Map
Figure 2 - Site Plan
Appendix A – Analytical Results
Appendix B – Site Photographs
Appendix C – C-141



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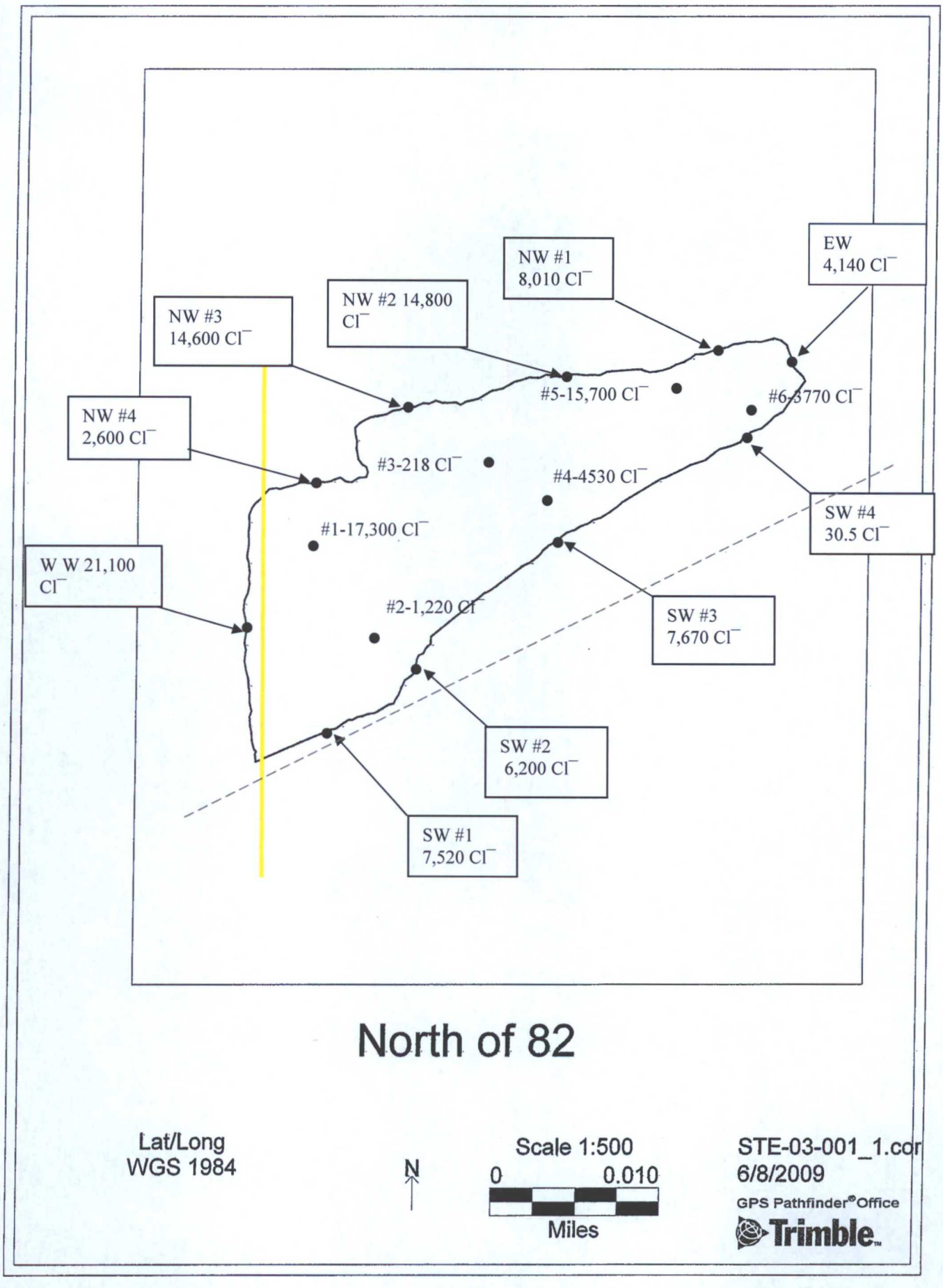
Date: 6/8/2009
Scale: 1 inch equals 1000 feet

Location: 033° 02' 49.82" N 103° 09' 42.27" W NAD83


NW #1
8,010 Cl⁻
EW
4,140 Cl⁻
NW #2 14,800
Cl⁻
NW #3
14,600 Cl⁻
#5-15,700 Cl⁻
#6-3770 Cl⁻
NW #4
2,600 Cl⁻
#3-218 Cl⁻
#4-4530 Cl⁻
SW #4
30.5 Cl⁻
#1-17,300 Cl⁻
W W 21,100
Cl⁻
#2-1,220 Cl⁻
SW #3
7,670 Cl⁻
SW #2
6,200 Cl⁻
SW #1
7,520 Cl⁻
North of 82
Lat/Long
WGS 1984
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Scale 1:500
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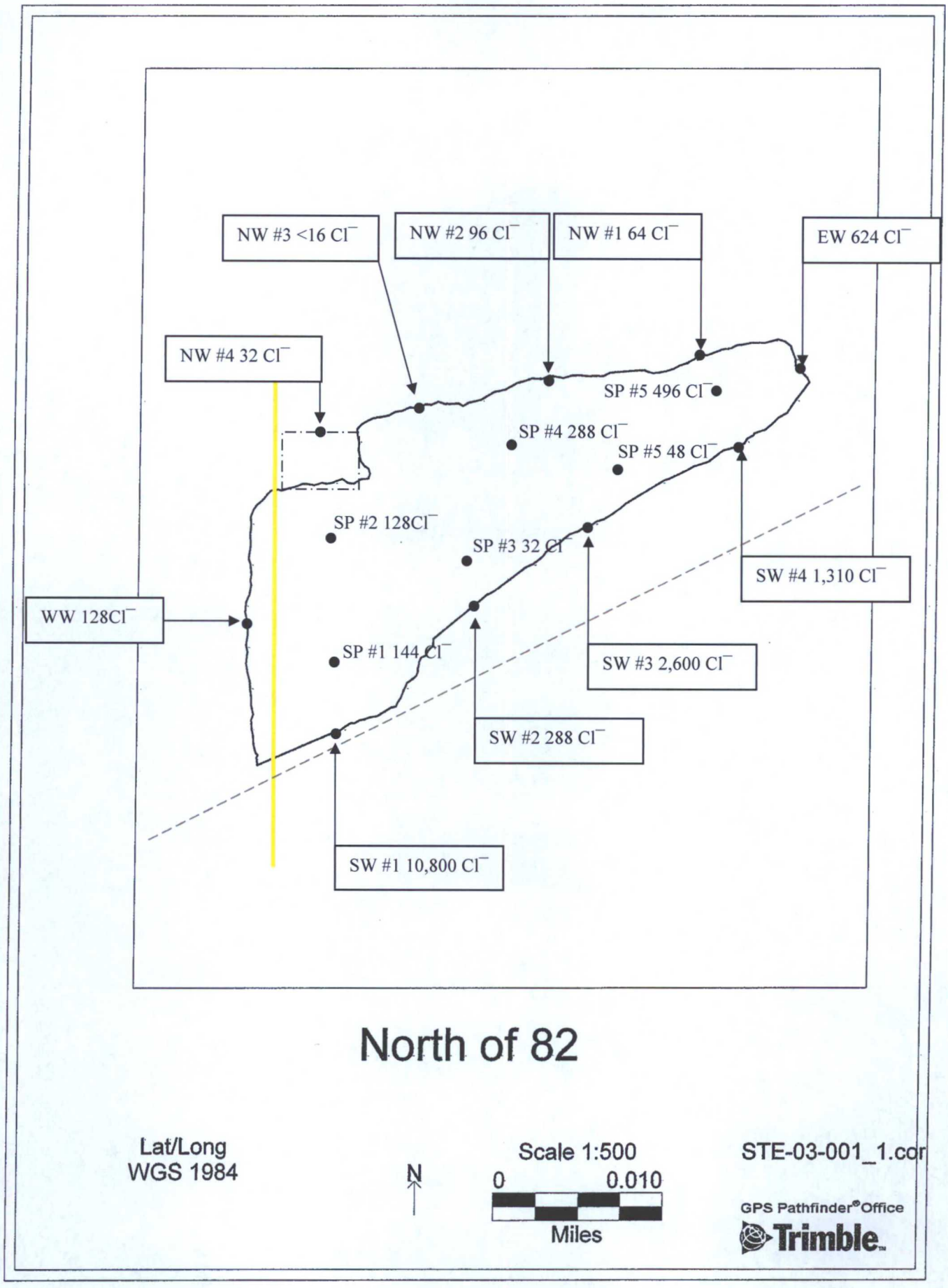
Miles
STE-03-001_1.cor
6/8/2009
GPS Pathfinder® Office
Trimble.


NW #3 <16 Cl⁻
NW #2 96 Cl⁻
NW #1 64 Cl⁻
EW 624 Cl⁻
NW #4 32 Cl⁻
SP #5 496 Cl⁻
SP #4 288 Cl⁻
SP #5 48 Cl⁻
SP #2 128Cl⁻
SP #3 32 Cl⁻
SW #4 1,310 Cl⁻
WW 128Cl⁻
SP #1 144 Cl⁻
SW #3 2,600 Cl⁻
SW #2 288 Cl⁻
SW #1 10,800 Cl⁻
North of 82
Lat/Long
WGS 1984
N
Scale 1:500
0
0.010
Miles
STE-03-001_1.cor
GPS Pathfinder® Office
Trimble.

Ana-L[illegible] Corp. P.O. Box 9000 Kil[illegible]e, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

Analytical Results

Report To

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Report Table of Contents

Account **SESF**

Project **442482**

Stevens&Johnson N of 82

This report consists of this Table of Contents and the following pages:

Ana-L[illegible] Corp. P.O. Box 9000 Kil[illegible]e, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

ANA-LAB CORP.® THE COMPLETE SERVICE LAB

Results

Account	Project
SESF-P	442482

Report To

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Stevens&Johnson N of 82

Results

Accredited	Parameter	Results	Units	RL	Flags	CAS	Bottle
101309	#1						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	14:45
	SW-846 9056			Analyzed: GDG	05/15/2009	1838	QCgroup 318119
AN	Chloride (water extractable)	17300	mg/kg	3000			02
101310	#2						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	14:47
	SW-846 9056			Analyzed: GDG	05/15/2009	1856	QCgroup 318119
AN	Chloride (water extractable)	1220	mg/kg	60.0			02
101311	#3						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	14:49
	SW-846 9056			Analyzed: GDG	05/15/2009	1913	QCgroup 318119
AN	Chloride (water extractable)	218	mg/kg	30.0			02
101312	#4						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	15:02
	SW-846 9056			Analyzed: GDG	05/15/2009	1931	QCgroup 318119
AN	Chloride (water extractable)	4530	mg/kg	300			02
101313	#5						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	15:04
	SW-846 9056			Analyzed: GDG	05/15/2009	1948	QCgroup 318119
AN	Chloride (water extractable)	15700	mg/kg	1500			02
101314	#6						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	15:06
	SW-846 9056			Analyzed: GDG	05/15/2009	2006	QCgroup 318119
	Chloride (water extractable)	3770	mg/kg	300			02

Ana-L[illegible] Corp. P.O. Box 9000 Kil[illegible]e, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

ANA-LAB CORP. THE COMPLETE SERVICE LAB

Results

Account: SESF-P

Project: 442482

Report To:

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Stevens&Johnson N of 82

Results

Accredited	Parameter	Results	Units	RL	Flags	CAS	Bottle
101315	**#EW**						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation: Safety & Environment		05/12/2009	15:10
	SW-846 9056			Analyzed: GDG	05/15/2009	2024	QCgroup 318119
V	Chloride (water extractable)	4140	mg/kg	300			02
101316	**SW#1**						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation: Safety & Environment		05/12/2009	15:12
	SW-846 9056			Analyzed: GDG	05/15/2009	2041	QCgroup 318119
V	Chloride (water extractable)	7520	mg/kg	300			02
101317	**SW#2**						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation: Safety & Environment		05/12/2009	15:14
	SW-846 9056			Analyzed: GDG	05/15/2009	2059	QCgroup 318119
AN	Chloride (water extractable)	6200	mg/kg	300			02
101318	**SW#3**						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation: Safety & Environment		05/12/2009	15:16
	SW-846 9056			Analyzed: GDG	05/15/2009	2117	QCgroup 318119
AN	Chloride (water extractable)	7670	mg/kg	300			02
101319	**SW#4**						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation: Safety & Environment		05/12/2009	15:18
	SW-846 9056			Analyzed: GDG	05/15/2009	2152	QCgroup 318119
AN	Chloride (water extractable)	30.5	mg/kg	6.00			02
101320	**NW#1**						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation: Safety & Environment		05/12/2009	15:22
	SW-846 9056			Analyzed: GDG	05/15/2009	2209	QCgroup 318119
	Chloride (water extractable)	8010	mg/kg	300			02

Ana-L Corp. P.O. Box 9000 Kilg , TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

ANA-LAB CORP. THE COMPLETE SERVICE LAB

Results

Account: SESF-P

Project: 442482

Report To

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Stevens&Johnson N of 82

Results

ccredited	Parameter	Results	Units	RL	Flags	CAS	Bottle
101321	NW#2						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	15:24
	SW-846 9056			Analyzed: GDG	05/15/2009	2227	QCgroup 318119
AN	Chloride (water extractable)	14800	mg/kg	600			02
101322	NW#3						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	15:26
	SW-846 9056			Analyzed: GDG	05/15/2009	2245	QCgroup 318119
IN	Chloride (water extractable)	14600	mg/kg	600			02
101323	NW#4						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	15:28
	SW-846 9056			Analyzed: GDG	05/15/2009	2302	QCgroup 318119
AN	Chloride (water extractable)	2600	mg/kg	150			02
101324	WW						Received: 05/14/2009
	Soil	Collected by: I Kincaid		Affiliation:	Safety & Environment	05/12/2009	15:30
	SW-846 9056			Analyzed: GDG	05/18/2009	0917	QCgroup 318119
AN	Chloride (water extractable)	21100	mg/kg	300			02

Sample Preparation

101309	#1						Received: 05/14/2009
	SW-846 9056			Analyzed: GDG	05/15/2009	1430	QCgroup 318001
V	Water Extract-Ion Chromatography	40/4	grams				01
101310	#2						Received: 05/14/2009

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

ANA-LAB CORP. THE COMPLETE SERVICE LAB

Results

Account	Project
SESF-P	442482

Report To

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Stevens&Johnson N of 82

Sample Preparation

101310 #2 *Received:* 05/14/2009

SW-846 9056			*Analyzed: GDG 05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams			01

101311 #3 *Received:* 05/14/2009

SW-846 9056			*Analyzed: GDG 05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams			01

101312 #4 *Received:* 05/14/2009

SW-846 9056			*Analyzed: GDG 05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams			01

101313 #5 *Received:* 05/14/2009

SW-846 9056			*Analyzed: GDG 05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams			01

101314 #6 *Received:* 05/14/2009

SW-846 9056			*Analyzed: GDG 05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams			01

101315 #EW *Received:* 05/14/2009

SW-846 9056			*Analyzed: GDG 05/15/2009*	*1430*	*QCgroup*	*318001*
	Water Extract-Ion Chromatography	40/4	grams			01

Ana-L[illegible]h Corp. P.O. Box 9000 Kil[illegible]e, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

ANA-LAB CORP. THE COMPLETE SERVICE LAB

Results

Account: SESF-P

Project: 442482

Report To

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Stevens&Johnson N of 82

Sample Preparation

101322 NW#3 *Received:* 05/14/2009

SW-846 9056				*Analyzed:*	*GDG*	*05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams						01

101323 NW#4 *Received:* 05/14/2009

SW-846 9056				*Analyzed:*	*GDG*	*05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams						01

101324 WW *Received:* 05/14/2009

SW-846 9056				*Analyzed:*	*GDG*	*05/15/2009*	*1430*	*QCgroup*	*318001*
AN	Water Extract-Ion Chromatography	40/4	grams						01

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

Results

Account	Project
SESF-P	442482

Report To

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Stevens&Johnson N of 82

Qualifiers:

We report results on an 'As Received' or wet basis unless marked 'Dry Weight'. Unless otherwise noted, testing was performed at Ana-lab's corporate laboratory that holds the following Federal and State certificates: Texas Department of Health Lead Firm Certificate 2110076, EPA National Lead Laboratory Accreditation Program #637.01, US Consumer Product Safety Commission #1095, US Department of Agriculture Soil Import Permit S-37592, Texas Commission on Environmental Quality Drinking Water Laboratory Certificate TX219, Texas Commission on Environmental Quality NELAP T104704201-06-TX, Oklahoma Department of Environmental Quality Drinking Water Certification Lab ID# D9913, EPA Lab Number TX00063, USEPA Approved Perchlorate Testing Lab, USEPA UCMR2 Approved Lab, Oklahoma Department of Environmental Quality Laboratory Certificate 8125, Arkansas Department of Environmental Quality Certification #03-070-0, Louisiana Department of Environmental Quality Laboratory Certification (NELAP, LELAP) #02008, Louisiana Department of Health and Hospitals Drinking Water (NELAP) # LA030020, US Department of Energy Approved, State of Kansas Department of Health and Environment Waste Water and Solid/Hazardous Waste Cert. E-10365, Alabama Department of Environmental Management Drinking Water #41540. Ana-Lab is also accredited to the international ISO-17025 standard by the American Association for Laboratory Accreditation (A2LA Certificate # 0637-01). The Accredited column designates accreditation by U -- UCMR2 (EPA), A -- A2LA, N -- NELAC, or z -- not covered under one of these scopes of accreditation.
These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of Ana-Lab Corp. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number.

C. H. Whiteside

C. H. Whiteside, Ph.D., President

Ana-L[illegible] Corp. P.O. Box 9000 Kil[illegible]e, TX 75663
Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com LELAP-accredited #02008

ANA-LAB CORP. THE COMPLETE SERVICE LAB

Quality Control

Printed 05/22/2009 Page 1 of 1

Report To

Brian Cuellar
Safety & Environmental Solutio
703 E. Clinton
Hobbs, NM 88240

Project 442482

318119 I Soil SW-846 9056

Blank

rameter	PrepSet	Reading	MDL	MQL	Units	Out	File
Chloride (water extractable)	318001	ND	0.0534	0.300	mg/kg		0000840797

CCV

rameter	Reading	Known	Units	Recover%	Limits%	Out	File
Chloride (water extractable)	10.1	10.0	mg/kg	101	90.0 - 110		0000840799
Chloride (water extractable)	10.2	10.0	mg/kg	102	90.0 - 110		0000840796
loride (water extractable)	10.2	10.0	mg/kg	102	90.0 - 110		0000840798
loride (water extractable)	10.2	10.0	mg/kg	102	90.0 - 110		0000840812
Chloride (water extractable)	10.2	10.0	mg/kg	102	90.0 - 110		0000840822
loride (water extractable)	10.2	10.0	mg/kg	102	90.0 - 110		0000840825
loride (water extractable)	10.3	10.0	mg/kg	103	90.0 - 110		0000840823

LCS

rameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
loride (water extractable)	318001	0.948	1.00	mg/kg	94.8	90.0 - 110	0000840800	

LCS Dup

rameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
oride (water extractable)	318001	0.948	1.09	1.00	90.0 - 110	94.8	109	mg/kg	13.9	20.0

RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100% Recover% is Recovery Percent: result / known * 100%

ANA-LAB CORP. THE COMPLETE SERVICE LAB

2600 Dudley Rd
PO Box 9000
Kilgore, TX 75662
903.984.0551
(fx) 903.984.5914
e-mail: corp@ana-lab.com

Chain of Custody

Panhandle 806.355.3556 · Oklahoma 405.292.6630 · North-TX 817.261.6404 · Central-TX 512.821.0045
Rio Grand Valley 956.831.6437 · ArkLaMiss 318.219.9300 · Gulf Coast 281.333.9414 · Alabama 256.830.0788

Report to:

Company name: SESI — Client Code: SESF

Address: 703 E Clinton

City: Hobbs — State: NM — Zip: 88240

Phone: 575-397-0510 — Fax — E-mail: office2@sesi-nm.com

Sampler Signature — Printed Name: Isaac Kincaid — Affiliation: SESI

Project- Name / Location: Stevens & Johnson Nl. of 82

Billing (if different)

City — State — Zip

Phone — Fax

PO Number: STE-03-001

Analysis Requested: Chloride

Lab Number Do Not Use	Field Identification	Date	Time	Matrix	# of Containers		Comments
10309	#1	5/12/9	1445	Soil	1	Comp/Grab	✓
310	#2		1447			Comp/Grab	
311	#3		1449			Comp/Grab	
312	#4		1502			Comp/Grab	
313	#5		1504			Comp/Grab	
314	#6		1506			Comp/Grab	
315	#EW #1 IC		1510			Comp/Grab	
316	SW #1		1512			Comp/Grab	
317	SW #2		1514			Comp/Grab	
318	SW #3		1516			Comp/Grab	

Date	Time	Relinquished by	Received by
		Printed Name / Signature / Affiliation	Printed Name / Signature / Affiliation
5/13/9	1500	Isaac Kincaid — SESI	FedEx — Christi Parker Ana-Lab
5/14/09	0940	FedEx	

Is Hazardous for: ☐ HF ☐ CN ☐ S= ☐ other##

☐ Wastewater ☐ Drinking Water ☐ SW846

Samples Received on Ice? ☐ Yes ☑ No — Method of Shipment ☐ Bus ☑ FedEX ☐ Lone Star ☐ UPS ☐ Hand delivered ☐ DHL ☐ other ##comments

Cooler/Sample Secure? ☑ Yes ☐ No — Tracking or Shipping Number 1975 9210 7482

Requested TAT ~~☑ Routine~~ IC ☐ 3 day ☐ 2 Day ☐ next day

4 day

003689 ☑
003233 ☐
003532 ☐

25°C

442482 CoC Print Group 001 of 001

Page 1 of 3

ANA-LAB CORP. THE COMPLETE SERVICE LAB

2600 Dudley Rd
PO Box 9000
Kilgore, TX 75662
903.984.0551
(fx) 903.984.5914
e-mail: corp@ana-lab.com

Chain of Custody

Panhandle 806.355.3556 | Oklahoma 405.292.6630 | North-TX 817.261.6404 | Central-TX 512.821.0045
Rio Grand Valley 956.831.6437 | ArkLaMiss 318.219.9300 | Gulf Coast 281.333.9414 | Alabama 256.830.0788

ANA-LAB CORP. THE COMPLETE SERVICE LAB

Report to:

Company name: SESF — Client Code: SESF

Address: 703 E Clinton

City: Hobbs — State: NM — Zip: 88240

Phone: 575-397-0510 — Fax — E-mail: office2@sesf-nm.com

Sampler Signature — Printed Name: Isaac Kincaid — Affiliation: SESF

Project- Name / Location: Stevens & Johnson S. N. of 82

Billing (if different)

City — State — Zip

Phone — Fax

PO Number: STE-03-001

Analysis Requested: Chlorides

Lab Number Do Not Use	Field Identification	Date	Time	Matrix	# of Containers	Comments
10319	SW #4	5/12/09	1518	Soil	1	Comp/Grab
320	NW #4		1522			Comp/Grab
321	NW #2		1524			Comp/Grab
322	NW #3		1526			Comp/Grab
323	NW #4		1528			Comp/Grab
324	WW		1530			Comp/Grab
						Comp/Grab
						Comp/Grab
						Comp/Grab
						Comp/Grab
						Comp/Grab

Date	Time	Relinquished by:	Received by:
5/13/09	1500	Printed Name: Isaac Kincaid Signature Affiliation: SESF	Printed Name: FedEx Signature Affiliation
5/14/09	0940	FedEx	Christi Parker Ana-Lab

Is Hazardous for: ☐ HF ☐ CN ☐ S= ☐ other##

☐ Wastewater ☐ Drinking Water ☐ SW846

Samples Received on Ice? ☐ Yes ☑ No — Method of Shipment ☐ Bus ☑ FedEx ☐ Lone Star ☐ UPS ☐ Hand delivered ☐ DHL ☐ other ##comments

Cooler/Sample Secure? ☑ Yes ☐ No — Tracking or Shipping Number 797592107487

Requested TAT ~~☑ Routine~~ ☐ 3 day ☐ 2 Day ☐ next day — 4 day

25°C

003689 ☑
003233 ☐
003532 ☐
003688 ☐

442482 CoC Print Group 001 of 001

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

January 15, 2010

Bob Allen
Safety & Environmental Solutions, Inc.
703 East Clinton, #102
Hobbs, NM 88240

Re: North of 82 (STE-03-001)

Enclosed are the results of analyses for sample number H19037, received by the laboratory on 01/12/10 at 4:30 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS
ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (575) 393-4388

Receiving Date: 01/12/10
Reporting Date: 01/14/10
Project Number: STE-03-001 (STEVENS & JOHNSON)
Project Name: NORTH OF 82
Project Location: LEA, NM

Analysis Date: 01/13/10
Sampling Date: 01/11/10
Sample Type: SOIL
Sample Condition: INTACT @ 13.5°C
Sample Received By: JH
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl^- (mg/kg)
H19037-1	#1 7' BGS	144
H19037-2	#2 6' BGS	128
H19037-3	#3 7' BGS	32
H19037-4	#4 6' BGS	288
H19037-5	#5 6' BGS	48
H19037-6	#6 4' BGS	496
H19037-7	NW #1	64
H19037-8	NW #2	96
H19037-9	NW #3	< 16
H19037-10	NW #4	32
H19037-11	WW	128
H19037-12	SW #1	10,800
H19037-13	SW #2	288
H19037-14	SW #3	2,600
H19037-15	SW #4	1,310
H19037-16	EW	624
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods	4500-ClB

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

Chemist

Date 01/15/10

H19037 SESI

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

Company Name: SESF
Project Manager: Bob Allen
Address: 703 E Clinton
City: Hobbs State: NM Zip: 88240
Phone #: 575-397-0510 Fax #:
Project #: SESF-03-001 Project Owner: Stevens & Johnson
Project Name: North of 82
Project Location: Lea, NM
Sampler Name: Isaac Kincaid

BILL TO

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

ANALYSIS REQUEST

Chlorides

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	Chlorides
H19037-1	#1 7'bgs	G	1			✓					✓		1/11/10	0952	✓
2	#2 6'bgs													0956	
3	#3 7'bgs													0958	
4	#4 6'bgs													1000	
5	#5 6'bgs													1002	
6	#6 4'bgs													1004	
7	NW #1													1310	
8	NW #2													1020	
9	NW #3													1250	
10	NW #4	↓	↓			↓					↓		↓	1026	↓

Sampler Relinquished: Date: 1/12/10 Time: 1630 Received By:
Relinquished By: Date: 1/12/10 Time: 4:30 Received By: Jodi Henson
Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Temp. 13.5°C #26

Sample Condition: Cool ☐ Yes ☑ No; Intact ☑ Yes ☐ No
CHECKED BY: (Initials) JH

Phone Result: ☐ No Add'l Phone #:
Fax Result: ☐ No Add'l Fax #:
REMARKS: Ikincaid@SESF-nm.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

Company Name:	SESF
Project Manager:	Bob Allen
Address:	703 E Clinton
City:	Hobbs State: NM Zip: 88240
Phone #:	575-397-0510 Fax #:
Project #:	Ste-03-001 Project Owner: Stevens T Johnson
Project Name:	North of 82
Project Location:	Loco, NM
Sampler Name:	Isaac Sirad

BILL TO

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

ANALYSIS REQUEST

Chlorides

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME
H19037-11	EW	C	1			✓					✓		1/11/10	1032
-12	SW#1													1005
-13	SW#2													1012
-14	SW#3													1014
-15	SW#4													1016
16	EW												1/12/10	0815

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal 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.

Sampler Relinquished:	Date: 1/12/10 Time: 1630	Received By:	
Relinquished By:	Date: 1/12/10 Time: 4:30	Received By:	Jodi Henson
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Temp: 13.5°C	Sample Condition: Cool ☐ Yes ☑ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)

Phone Result: ☐ No Add'l Phone #:
Fax Result: ☐ No Add'l Fax #:
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

January 18, 2010

Bob Allen
Safety & Environmental Solutions, Inc.
703 East Clinton, #102
Hobbs, NM 88240

Re: North of 82 (STE-03-001)

Enclosed are the results of analyses for sample number H19078, received by the laboratory on 01/15/10 at 4:40 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS
ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (575) 393-4388

Receiving Date: 01/15/10
Reporting Date: 01/18/10
Project Number: STE-03-001 (STEVENS & JOHNSON)
Project Name: NORTH OF 82
Project Location: LEA CO., NM

Analysis Date: 01/18/10
Sampling Date: 01/14/10
Sample Type: SOIL
Sample Condition: INTACT @ 20.5°C
Sample Received By: JH
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl^- (mg/kg)
H19078-1	SW #3 (5')	112
H19078-2	SW #4 (5')	80
Quality Control		510
True Value QC		500
% Recovery		102
Relative Percent Difference		< 0.1

METHOD: Standard Methods	4500-ClˉB

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

Chemist

01/18/10
Date

H19078 SESI

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

Page 1 of 1

Company Name:	SESI
Project Manager:	Bob Allen
Address:	703 E Clinton
City:	Hobbs
State:	NM
Zip:	88240
Phone #:	575-397-0510
Fax #:	
Project #:	SLE-03-001
Project Owner:	Texas T Johnson
Project Name:	North of 82
Project Location:	Loco Hills NM
Sampler Name:	Isaac Kincaid

BILL TO

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

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	chlorides
H19078-1	SW#3 (5')	G	1			✓							1/14/10	0800	✓
-2	SW#4 (5')	G	1			✓							1/14/10	0820	✓

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal 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.

Sampler Relinquished:	Date: 1/15/10	Received By:	
	Time:		
Relinquished By:	Date: 1/15/10	Received By: Jodi Henson	
	Time: 4:40		
Delivered By: (Circle One)	Temp.	Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	20.5°C		JH

Phone Result:	☐	No	Add'l Phone #:
Fax Result:	☐	No	Add'l Fax #:
REMARKS:			

IKincaid@SESI-nm.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#26

January-14, 2010

Excavated area facing south

West wall facing southwest

Excavated area facing southeast

South wall facing south

Excavated area facing south

Excavated area facing south

South wall facing south

East wall facing east

Excavated area facing west

North wall facing north

Excavated area facing north

Excavated area facing northwest

Excavated area facing northwest

Excavated area lined facing east

Excavated area lined facing east

Excavated area lined facing northeast

Excavated area lined facing northwest

Excavated area lined facing west

Excavated area lined facing west

Excavated area lined facing west

Excavated area lined facing south

Excavated area lined with topsoil on top facing east

Excavated area lined with topsoil on top facing east

Excavated area lined with topsoil on top facing northeast

Excavated area lined with topsoil on top facing west

Excavated area lined with topsoil on top facing north

Excavated area lined with topsoil facing south

Excavated area backfilled with caliche facing southeast

Excavated area backfilled with caliche facing southeast

Excavated area backfilled with caliche facing southeast

Excavated area backfilled with caliche facing west

Excavated area backfilled with topsoil facing east

Excavated area backfilled with topsoil facing east

Excavated area backfilled with topsoil facing east

Excavated area backfilled with topsoil facing south

Excavated area backfilled with topsoil facing south

Excavated area backfilled with topsoil facing southeast

Excavated area backfilled with topsoil facing west

Excavated area backfilled with topsoil facing west