

Steven D Ruppert

Federal Silver #4

CLOSURE REPORT

RP-3196

BLM Event 14JR035EU

API No. 30-025-02476

Release Date: 06/23/2014

Unit Letter O, Section 28, Township 20 South, Range 34 East

July 24, 2014

Prepared by:

Environmental Department
Diversified Field Service, Inc.
206 W Snyder
Hobbs, NM 88240
Phone: (575)964-8394
Fax: (575)393-8396

Table of Contents

- 1 Introduction
- 2 Site Activities
- 3 Conclusion

Figure – Site Diagram with Sample Data

APPENDICES

Appendix I – Initial Form C-141

Appendix II – Site Photographs

Appendix III – Groundwater Data

Appendix IV – Laboratory Analyses

Appendix V – Seed Report

Appendix VI – Correspondence

Appendix VII – Final C-141

Federal Silver #4 SWD

1 INTRODUCTION

Steven Ruppert has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located south west of Hobbs NM, Unit letter 'O', sec. 28, T20S R34E, in Lea County. The spill associated with this site occurred on June 23, 2014 and resulted from a Lightning strike to a storage tank that was located inside the bermed area. This initiated a 50 bbl spill of produced water. A Vacuum truck was utilized to recover 10 bbls of fluid in order to minimize the impact. There was an overall area of 17,337 sq. ft. of impact inclusive of the bermed area, as well as a significant amount of pasture (Figure). The BLM (Bureau of Land Management) was provided with immediate notification on same date.

A form C-141 was submitted to the NMOCD RP-3196 (Appendix I).

2 SITE ACTIVITIES

On June 25, 2014 DFSI field personnel paid an initial visit to the site location. DFSI personnel assessed the impacted area by mapping and ascertaining sample point positions. There were ten (10) sample points placed in all. A representative soil sample was retrieved at surface and at 1ft. bgs. intervals in order to fully delineate the extent of the spill. Utilizing a Photoionization Detector the soil samples were field tested for Chlorides and Hydrocarbons.

The following representative samples were retrieved and sent to a commercial laboratory for confirmation. Please note that the TPH was field determined and found to be within the acceptable limits per BLM regulatory compliance. This is a recap of the analyses used to determine the extent of the necessary remediation.

SP1 at 3ft bgs. returned chloride of 480 mg/kg. The TPH returned BLM field compliant levels at 2ft bgs. of 2.2 mg/kg

SP2 was delineated to a depth of 10ft. bgs., whereby auger refusal was encountered. At this depth the chloride return was 1024 mg/kg., and the TPH was .1 mg/kg. However, at 9ft. bgs the chloride return was the same indicating that levels were static.

SP3 at 2ft. bgs. returned chloride levels of 144 mg/kg. TPH returned acceptable levels of <.6

SP4 at 2ft. bgs. returned chloride levels of 432 mg/kg. TPH returned acceptable levels of <.6

SP5 at 1ft. bgs. returned chloride levels of <16.0 mg/kg. TPH returned acceptable levels <.6

SP6 at 1ft. bgs. returned chloride levels of 416 mg/kg. TPH returned acceptable levels of <.6

SP7 thru SP 10 at 1 ft. bgs. returned chloride levels of <16. mg/kg. TPH returned acceptable levels of <.6 in all remaining points respectively.

On June 30, 2014 DFSI submitted a Remediation Plan to the BLM proposing the following plan of action with approval:

SP1 located inside the bermed area was to be excavated to 2ft. bgs. This area was then lined and backfilled with caliche, battery area and berm were reconstructed. SP2 was excavated to 4 ft. bgs., and lined with a 20 mil. liner. The liner was layered with top soil to prevent impairment, penetration and topped with fresh caliche. All remaining sample points were excavated to 1ft. bgs., and backfilled with fresh topsoil. Likewise with SP3 thru SP10 however, these sample points were located in pasture area, therefore in addition to backfilling was re re-seeded in accordance with BLM guidelines.

Photographs of site activities can be viewed in Appendix II.

3 CONCLUSION

On July 15, 2014 the site was completed, including but not limited to seeding with 100 pounds of native vegetation in order to facilitate natural restoration to pasture area. According to the U.S. Geological Survey and the NM Office of the State Engineer, there were no records of groundwater in the immediate vicinity, however depth to groundwater in the area averages greater than 537 ft. bgs indicating no potential threat to groundwater or life forms (Appendix III). Based on the removal of soils containing elevated chloride to an NMOCD approved facility and visual staining at the site, DFSI, on behalf of T.R. Silvey, submits the final form C-141 (Appendix V), and respectfully requests the closure of the regulatory file for the site.

Site Diagram

T.R. Sivley
Silver Fed #4 SWD
Sec. 28, T20S R34E
Lea County, NM
Drafted By: Lance Crenshaw, 6-25-14

0 0.00375 0.0075 0.015 Miles



Legend

Misc_points

Types

- Electrical Box
- Power Pole
- Headers
- Injection
- Pumpjacks
- Tanks
- Valves
- Other
- Soil Bores
- sample_pts
- Source

Pipeline

Type

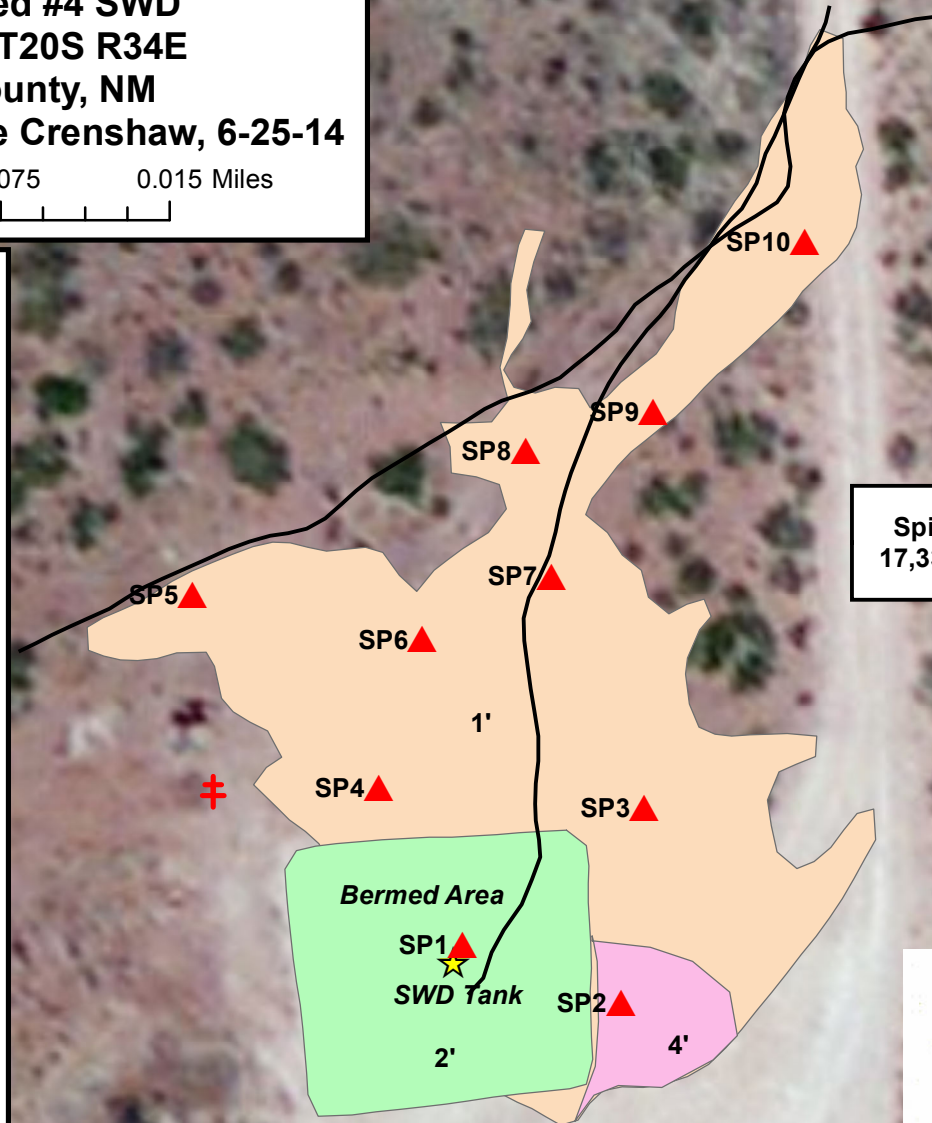
- Above Ground Line
- Buried Line

Spill

- <all other values>

Spill_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water



Spill Area:
17,337 sq. ft.

Green Area:
Excavate to 2'
Pink Area:
Excavate to 4'
Tan Area:
Excavate to 1'

Lance Crenshaw
 GIS Technician

Soil Remediation and Ground Water Remediation
 Environmental Assessments
 Regulatory Compliance



Environmental

DFSI

Services

Office: 575-964-8394
 Fax: 575-964-8396

Cell: 575-441-2359
 Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, AeroGRID, IGN, and the GIS User Community

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Steven D Ruppert	Contact: Steve Ruppert	
Address: PO Box 50 Tesuque NM 87574	Telephone No. 505-401-6319	
Facility Name: Federal Silver #4	Facility Type: Salt water disposal O&G Lease	
Surface Owner Federal	Mineral Owner Federal	API No. 30-025-02476

LOCATION OF RELEASE

Unit Letter O	Section 28	Township 20S	Range 34E	Feet from the 660	North/South Line South	Feet from the 1980	East/West Line East	County Lea
------------------	---------------	-----------------	--------------	----------------------	---------------------------	-----------------------	------------------------	------------

Latitude 32.538432030311 Longitude -103.563071003492

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release 50 bbls	Volume Recovered 10bbls
Source of Release: Storage Tank	Date and Hour of Occurrence 06/23/14 10:15 AM	Date and Hour of Discovery 06/23/14 10:15 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos	
By Whom?	Date and Hour 06/23/14 11:45 AM	
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

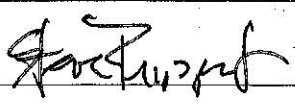
Describe Cause of Problem and Remedial Action Taken.*

Lightning struck the Storage tank located inside the bermed area. This caused approximately 50 bbls of produced water to spill inside the bermed area. A vacuum truck was utilized to recover approximately 10 bbls of fluid.

Describe Area Affected and Cleanup Action Taken.*

Spill was contained primarily in the bermed area, however there was some pasture impact due north of the site. DFSI was retained to remediate the site according to BLM and NMOCD guidelines.

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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Steve Ruppert	Approved by Environmental Specialist:	
Title: Operator	Approval Date:	Expiration Date:
E-mail Address: ruperrts @msn.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 07/02/14 Phone: 505-401-6319		

* Attach Additional Sheets If Necessary

T.R. SIVLEY SILVER FED. #4
Unit Letter O, Section 28, T20S R34E



Sign marking location 06/25/14



Tank inside bermed area 06/25/14



Impacted area NE 06/25/14



Impacted area NW outside berm 06/25/14

T.R. SIVLEY SILVER FED. #4
Unit Letter O, Section 28, T20S R34E



Hand auger- sampling 06/25/14



Hand excavation 06/30/14



Excavation of impacted area 07/2/14



Construction of pad 07/07/14

T.R. SIVLEY SILVER FED. #4
Unit Letter O, Section 28, T20S R34E



Setting of new tank 07/07/14



Liner Install – Firewall construction 07/10/14



Backfill of pasture 07/10/14



Pasture area at completion of seeding 07/16/14

T.R. SIVLEY SILVER FED. #4
Unit Letter O, Section 28, T20S R34E



Silver Federal #4 at completion 07/16/14

GROUND WATER SEARCH

Steven D Ruppert Silver Federal #004

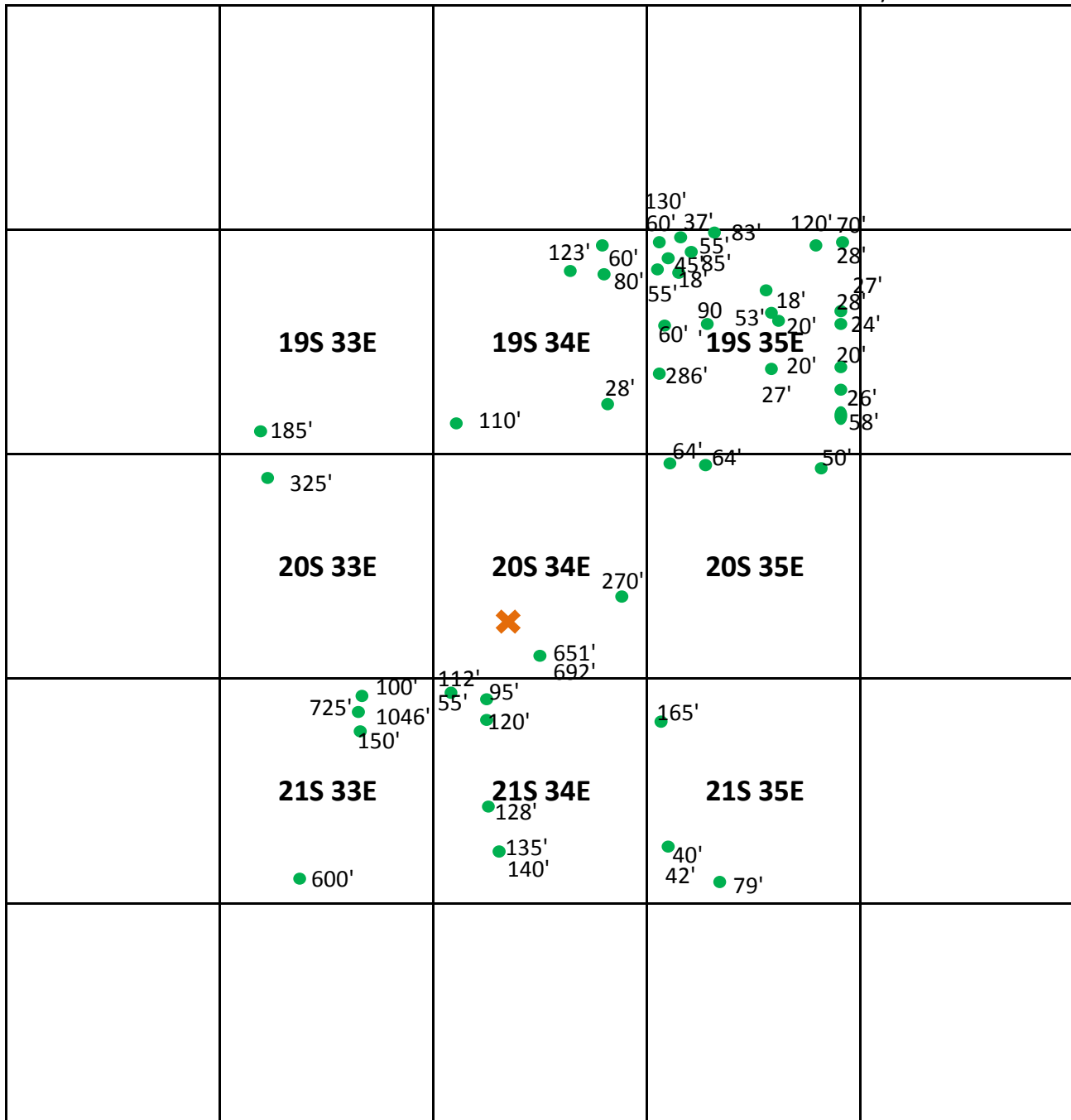
UL: 0 Sec: 28 T: 20S R: 34E

Groundwater Depth: 537 ft.

- = NM Office of the State Engineer
- = U.S. Geological Survey (unknown well)
- ✗ = Site Location

Date: 06/30/14

By: Rebecca Pons





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

July 07, 2014

NATALILE GLADDEN

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: FEDERAL SILVER #4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/01/14 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through 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 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	07/01/2014	Sampling Date:	06/25/2014
Reported:	07/07/2014	Sampling Type:	Soil
Project Name:	FEDERAL SILVER #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 3' (H401995-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/03/2014	ND	400	100	400	7.69	

Sample ID: SP 3 @ 2' (H401995-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/03/2014	ND	400	100	400	7.69	

Sample ID: SP 4 @ 2' (H401995-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/03/2014	ND	400	100	400	7.69	

Sample ID: SP 5 @ 1' (H401995-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/03/2014	ND	400	100	400	7.69	

Cardinal Laboratories

*=Accredited Analyte

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. 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	07/01/2014	Sampling Date:	06/25/2014
Reported:	07/07/2014	Sampling Type:	Soil
Project Name:	FEDERAL SILVER #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: SP 6 @ 1' (H401995-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/03/2014	ND	400	100	400	7.69	

Sample ID: SP 7 @ 1' (H401995-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/03/2014	ND	400	100	400	7.69	

Sample ID: SP 8 @ 1' (H401995-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/03/2014	ND	400	100	400	7.69		

Sample ID: SP 9 @ 1' (H401995-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/03/2014	ND	400	100	400	7.69		

Sample ID: SP 10 @ 1' (H401995-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/03/2014	ND	400	100	400	7.69		

Cardinal Laboratories

*=Accredited Analyte

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. 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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. 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Diversified

(575) 393-2326 FAX (575) 393-2476

Diversified

Company Name:~~Steve Rupert~~ Diversified
Project Manager: ~~Steve Rupert~~ Mike Burton
Address:
City:
State:
Zip:
Phone #:
Fax #:

P.O. #:
Attn:
Address: PO Box 80550
City: Tesque
State: NM Zip: 87571
Phone # 505-401-6319
Cell 505-983-0072
Fax # 505-983-0072

BILL TO

ANALYSIS REQUEST

Project Name: Sample for Steve Rupert
Project Location: Silver Federal Road Federal silver HWY SWD
Sample Name: Michael Alvarz
FOR LAB USE ONLY

Lab I.D.
H401995

Sample I.D.

	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :		
SP1 @ 3'	B 1	X								
SP2 SP. 3' @ 2'	B 1	X								
SP. 4' @ 2'	G 1	X								
SP. 5' @ 1'	G 1	X								
SP. 6' @ 1'	G 1	X								
SP. 7' @ 1'	G 1	X								
SP. 8' @ 1'	G 1	X								
SP. 9' @ 1'	G 1	X								

	DATE	TIME
SP. 10' @ 1'	6/25/14	2:00
SP. 11' @ 1'	6/25/14	2:05
SP. 12' @ 1'	6/25/14	2:10
SP. 13' @ 1'	6/25/14	2:15
SP. 14' @ 1'	6/25/14	2:20
SP. 15' @ 1'	6/25/14	2:25
SP. 16' @ 1'	6/25/14	2:30
SP. 17' @ 1'	6/25/14	2:35
SP. 18' @ 1'	6/25/14	2:40

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 interruption, 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.

Relinquished By: [Signature]
Date: 6/11/14
Time: 2:50

Received By: [Signature]
Date: [Blank]
Time: [Blank]

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: 320

Sample Condition:
Cool Intact Yes No
Yes No

CHECKED BY: [Initials]

E-mail Results To:
Ngladden@diversifiedfsi.com
Rpons@diversifiedfsi.com
Tjennings@diversifiedfsi.com

REMARKS:

#1

DIVERSIFIED FIELD SERVICES, INC.

Project: T.R. Sibley Silver Fed #4500 Date Started: 7-15-2014
Seed and lbs. used: 100 # Date Completed: 7-15-2014

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 252-9892

Permit # TX00905

LPC Sand Shinery W/Fourwing & Ragweed 350#

INV53965

Description	Pure Seed	Germin	Dormant	Hard Seed	Origin
Bluestem, Big "Kaw" (Anemopogon gerardii)	18.62%	95.00%	0.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	8.00%	90.00%	8.00%	0.00%	TX
Bluestem, Sand "Woodward" (Andropogon hallii)	13.80%	95.00%	0.00%	0.00%	TX
Bristlegrass, Plains, "VNS" (Setaria vulpiseta)	14.48%	90.00%	0.00%	0.00%	TX
Coreopsis Plains (Coreopsis tinctoria)	5.38%	97.00%	0.00%	0.00%	TX
Dropseed, Sand, "VNS" (Sporobolus cryptandrus)	2.68%	95.00%	3.00%	0.00%	TX
Fourwing saltbush, "VNS" (Atriplex canescens)	15.59%	52.00%	15.00%	0.00%	NM
Ragweed, Western (Ar. elrosa L.)	6.79%	9.00%	68.00%	0.00%	KY
Purity: 83.35%	Inert Matter: 10.31%	Other Crop Seed: 6.32%	Weed Seed: 0.02%		

Noxious Weeds: None

Test Date: 02/23/14

Net Wt: 25.00 lbs

Supervisor: Stephen McShane

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

LPC Sand Shinery W/Fourwing & Ragweed 550#

INV53965

Description	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Big "Kaw" (Andropogon gerardii)	16.82%	95.00%	0.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	8.00%	90.00%	8.00%	0.00%	TX
Bluestem, Sand "Woodward" (Andropogon hallii)	13.80%	95.00%	0.00%	0.00%	TX
Bristlegrass, Plains, "VNS" (Setaria vulpiseta)	14.48%	95.00%	0.00%	0.00%	TX
Coreopsis Plains (Coreopsis tinctoria)	5.39%	97.00%	0.00%	0.00%	TX
Dropseed, Sand, "VNS" (Sporobolus cryptandrus)	2.68%	95.00%	3.00%	0.00%	TX
Fourwing saltbush, "VNS" (Atriplex canescens)	15.59%	52.00%	15.00%	0.00%	NM
Ragweed, Western (Ambrosia L.)	6.78%	9.00%	68.00%	0.00%	KY
Purity: 83.35%	Inert Matter: 10.31%	Other Crop Seed: 6.32%	Weed Seed: 0.02%		

Noxious Weeds: None

Test Date: 02/2014

Net Wt: 25.00 lbs

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

LPC Sand Shinery W/Fourwing & Ragweed 650#

INV53965

Description	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Big "Kaw" (Andropogon gerardii)	16.82%	95.00%	0.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	8.00%	90.00%	8.00%	0.00%	TX
Bluestem, Sand "Woodward" (Andropogon hallii)	13.80%	95.00%	0.00%	0.00%	TX
Bristlegrass, Plains, "VNS" (Setaria vulpiseta)	14.48%	90.00%	0.00%	0.00%	TX
Coreopsis Plains (Coreopsis tinctoria)	5.39%	97.00%	0.00%	0.00%	TX
Dropseed, Sand, "VNS" (Sporobolus cryptandrus)	2.68%	95.00%	3.00%	0.00%	TX
Fourwing saltbush, "VNS" (Atriplex canescens)	15.59%	52.00%	15.00%	0.00%	NM
Ragweed, Western (Ambrosia L.)	6.78%	9.00%	68.00%	0.00%	KY
Purity: 83.35%	Inert Matter: 10.31%	Other Crop Seed: 6.32%	Weed Seed: 0.02%		

Noxious Weeds: None

Test Date: 02/2014

Net Wt: 25.00 lbs

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

LPC Sand Shinery W/Fourwing & Ragweed 650#

INV53965

Description	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Big "Kaw" (Andropogon gerardii)	16.62%	95.00%	0.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	8.00%	90.00%	8.00%	0.00%	TX
Bluestem, Sand "Woodward" (Andropogon hallii)	13.80%	95.00%	0.00%	0.00%	TX
Bristlegrass, Plains, "VNS" (Setaria vulpiseta)	14.48%	90.00%	0.00%	0.00%	TX
Coreopsis Plains (Coreopsis tinctoria)	5.39%	97.00%	0.00%	0.00%	TX
Dropseed, Sand, "VNS" (Sporobolus cryptandrus)	2.68%	95.00%	3.00%	0.00%	TX
Fourwing saltbush, "VNS" (Atriplex canescens)	15.59%	52.00%	15.00%	0.00%	NM
Ragweed, Western (Ambrosia L.)	6.79%	9.00%	68.00%	0.00%	KY
Purity: 83.35%	Inert Matter: 10.31%	Other Crop Seed: 6.32%		Weed Seed: 0.02%	

Noxious Weeds: None

Test Date: 02/2014

Net Wt: 25.00 lbs

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

LPC Sand Shinery W/Fourwing & Ragweed 650#

INV53965

Description	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Big "Kaw" (Andropogon gerardii)	16.62%	95.00%	0.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	8.00%	90.00%	8.00%	0.00%	TX
Bluestem, Sand "Woodward" (Andropogon hallii)	13.80%	95.00%	0.00%	0.00%	TX
Bristlegrass, Plains, "VNS" (Setaria vulpiseta)	14.48%	90.00%	0.00%	0.00%	TX
Coreopsis Plains (Coreopsis tinctoria)	5.39%	97.00%	0.00%	0.00%	TX
Dropseed, Sand, "VNS" (Sporobolus cryptandrus)	2.68%	95.00%	3.00%	0.00%	TX
Fourwing saltbush, "VNS" (Atriplex canescens)	15.59%	52.00%	15.00%	0.00%	NM
Ragweed, Western (Ambrosia L.)	6.79%	9.00%	68.00%	0.00%	KY
Purity: 83.35%	Inert Matter: 10.31%	Other Crop Seed: 6.32%		Weed Seed: 0.02%	

Noxious Weeds: None

Test Date: 02/2014

Net Wt: 25.00 lbs

From: [Michael Burton](#)
To: [Rebecca Pons](#)
Subject: Fwd: Steven D Ruppert spill
Date: Monday, June 30, 2014 11:15:43 AM

Sent from my iPhone

Begin forwarded message:

From: Steve <rupperts@msn.com>
Date: June 30, 2014 at 10:54:06 AM MDT
To: "GeoffreyR.Leking@state.nm.us" <GeoffreyR.Leking@state.nm.us>, Michael Burton <mburton@diversifiedfsi.com>
Cc: JoAnn Ruppert <joannruppert@gmail.com>
Subject: Steven D Ruppert spill

Hello! we had a lightning strike on a SWD storage tank next to the injection well a week ago. I need to inform you of what has and is happening on the lease, although it is on BLM land. Just after the pumper let me know of the problem on Monday June 23, 2014 I called Jim Amos with the BLM and started working with Jeff Robertson (BLM soil specialist) the next day. It was Jeff Robertson's opinion that it was a lightning strike. I have never seen one before. On Wednesday June 25, 2014 I started working on the remediation with Mike Burton & DFSI out of Carlsbad. Today we have a BLM approved plan for the clean up and I will be happy to share that with you on your request. I expect that I will probably be submitting a series of Sundry Notices regarding this "undesirable incident". Best Regards, Steve

Steve Ruppert
PO Box 550
Tesuque, NM 87574
H: 505-983-0072
C: 505-401-6319
rupperts@msn.com

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Steven D Ruppert	Contact: Steve Ruppert	
Address: PO Box 50 Tesuque NM 87574	Telephone No. 505-401-6319	
Facility Name: Federal Silver #4	Facility Type: Salt water disposal O&G Lease	
Surface Owner Federal	Mineral Owner Federal	API No. 30-025-02476

LOCATION OF RELEASE

Unit Letter O	Section 28	Township 20S	Range 34E	Feet from the 660	North/South Line South	Feet from the 1980	East/West Line East	County Lea
------------------	---------------	-----------------	--------------	----------------------	---------------------------	-----------------------	------------------------	------------

Latitude 32.538432030311 Longitude -103.563071003492

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release 50 bbls	Volume Recovered 10bbls
Source of Release: Storage Tank	Date and Hour of Occurrence 06/23/14 10:15 AM	Date and Hour of Discovery 06/23/14 10:15 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos	
By Whom?	Date and Hour 06/23/14 11:45 AM	
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.* Lightning struck the Storage tank located inside the bermed area. This caused approximately 50 bbls of produced water to spill inside the bermed area, spilling over to impact pasture. A vacuum truck was utilized to recover approximately 10 bbls of fluid.		
Describe Area Affected and Cleanup Action Taken.* The incident occurred inside the bermed area, however there was some pasture impact due north and northwest of the site. There was a total of 17,337 sq. ft. of affected area. The site was excavated and the battery re-constructed. The site has been contoured and pasture area restored to its natural state. DFSI has remediated the site according to BLM and NMOCD guidelines and respectfully requests closure of this incident.		
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: Steve Ruppert	Approved by Environmental Specialist:	
Title: Operator	Approval Date:	Expiration Date:
E-mail Address: ruperrts @msn.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 07/25/14 Phone: 505-401-6319		

* Attach Additional Sheets If Necessary