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 ConocoPhillips Company	Contact John W. Gates
Address 3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No. 505.391.3158
Facility Name MCA Well #357	Facility Type Oil and Gas

Surface Owner Federal	Mineral Owner Federal	Lease No 300252584900

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
S	28	T 17	32					Lea

Latitude 32 47'.84" N Longitude 103 46' 41.34" W

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 8.3bbl (8.3oil, 0water)	Volume Recovered (3oil, 0water)
Source of Release Holes in a 2 inch steel surface flow line	Date and Hour of Occurrence 10/11/12 0600	Date and Hour of Discovery 10/11/12 1100
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? BLM & NMOCD	
By Whom? Roman Salazar	Date and Hour 10/11/12 1210	
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.*
Agency Reportable Release from two holes in a 2" steel surface flow line due to suspected internal/external corrosion.

Describe Area Affected and Cleanup Action Taken.*
The affected area is a 56' X 80' X 2" area of pasture land. A vacuum truck was called and ~3 bbls of oil was recovered.

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: John W. Gates	OIL CONSERVATION DIVISION	
Printed Name: John W. Gates	Approved by District Supervisor:	
Title: HSER Lead	Approval Date:	Expiration Date:
E-mail Address: John.W.Gates@conocophillips.com	Conditions of Approval:	Attached ☐
Date: 10/17/12 Phone: 505.391.3158		

- Attach Additional Sheets If Necessary

ConocoPhillips

CONOCOPHILLIPS

P.O. Box 2197
Houston, TX 77252-2197
Phone 281.293.1000

COMMENTED FOR REVISION

Environmental Specialist
NMOCD-DIST I
12/11/13

MCA Well #357

Corrective Action Plan

API No. 300252584900

Release Date: October 11th, 2012

Unit Letter M, Section 28, Township 17S, Range 32E

Rice Environmental Consulting & Safety
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

December 9th, 2013

Duncan Whitlock
BLM
620 E. Greene St.
Carlsbad, NM 88220

RE: **Corrective Action Plan**
ConocoPhillips – MCA Well #357
UL/M sec. 28 T17S R32E
API No. 300252584900

Mr. Whitlock:

ConocoPhillips (CoP) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 4 miles south of Maljamar, New Mexico at UL/M sec. 28 T17S R32E. NM OSE records indicate that groundwater will likely be encountered at a depth of approximately 65 +/- feet.

On October 11th, 2012, CoP discovered a release of crude oil from a 2 inch steel surface flow line. The line broke due to corrosion. The line released a total of 8.3 bbls of oil over 3,765 sq ft of pasture land. A vacuum truck was called to the site and recovered 3 bbls of oil. An initial C-141 dated October 17th, 2012 was submitted to NMOCD and BLM (Appendix A).

RECS personnel were on site beginning on November 1st, 2013 to assess the site. Two points throughout the release were sampled at the surface and at depth (Figure 1). The samples were field tested for chlorides and organic vapors using a PID meter. Representative samples were taken to a commercial laboratory for analysis (Appendix B).

Corrective Action Plan

The release will be excavated to a depth of 4 ft bgs. The excavated soil will be taken to a NMOCD approved facility for disposal. At 4 ft bgs, the side walls and bottom of the excavation will be sampled. The samples will be taken to a commercial laboratory to make sure that all soil constituents are below regulatory standards. Once the excavation is completed, the extent of the vertical contamination will be determined by installing a vertical at the base of the excavation. Representative samples will be taken to a commercial laboratory to confirm chloride values below 250 mg/kg at the base of the vertical. Per a meeting with BLM at the site on December 9th, 2013, BLM would like an abandoned lease road north of the facility to be sampled to determine chloride and

hydrocarbon levels. If the levels are within regulatory standards, the road will be removed and packed into the base of the excavation as an infiltration barrier. The site will then be backfilled with clean, imported soil, and contoured to the surrounding location. Soil amendments will be added as necessary and the site will be seeded with a blend of native vegetation.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

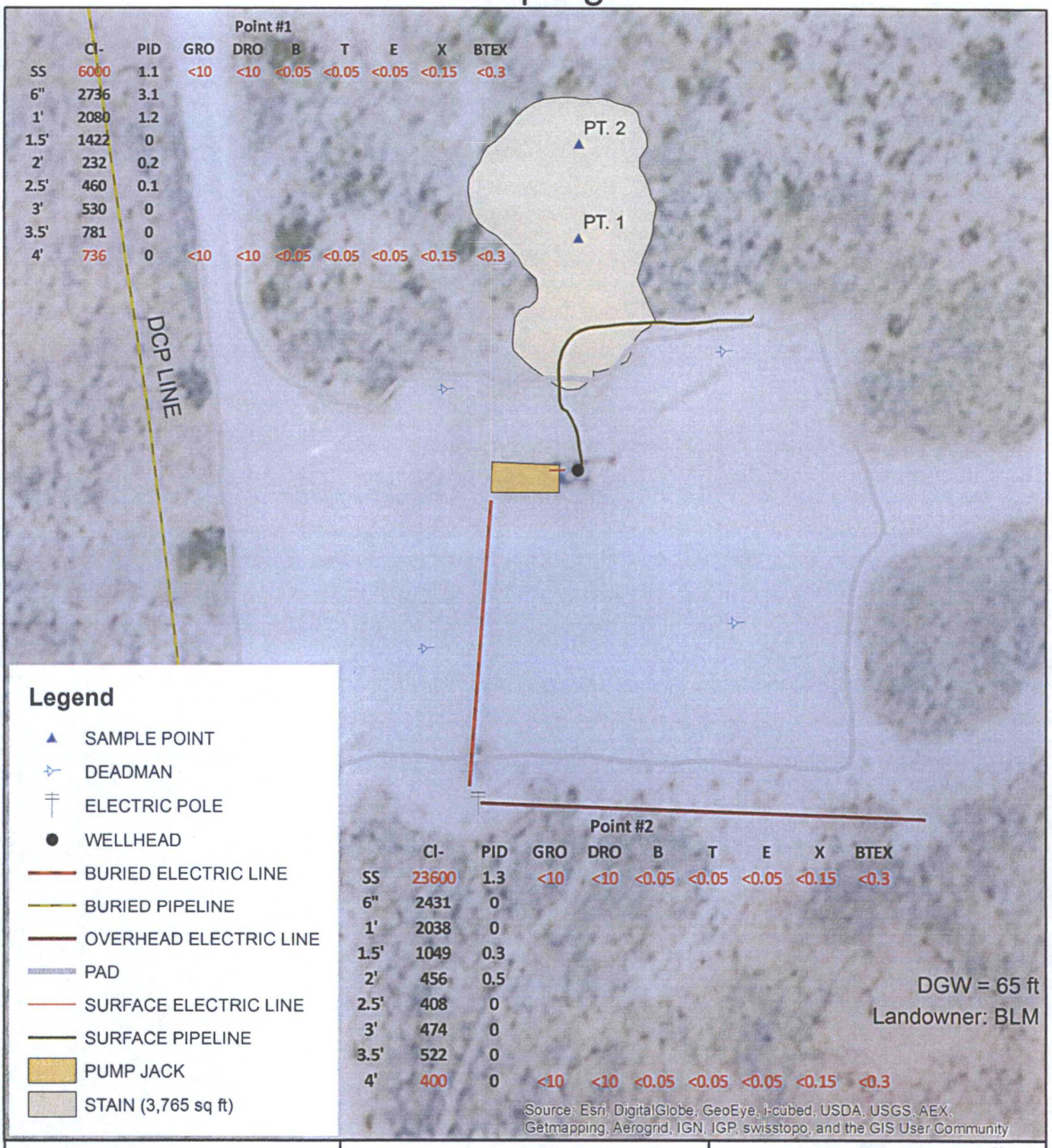
Sincerely,

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

Attachments:

Figure 1 – Initial Sampling Data
Appendix A – Initial C-141
Appendix B – Laboratory Analyses

Initial Sampling Data



RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC

CONOCOPHILLIPS MCA WELL #357

LEGALS: UL/M sec. 28
T-17-S R-32-E
LEA COUNTY, NM

Figure 1

N W E S

0 25 50 Feet

GPS date: 11/4/13 JK
Drawing date: 11/12/13
Drafted by: L. Weinheimer

CARDINAL Laboratories

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

November 11, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: MCA #357

Enclosed are the results of analyses for samples received by the laboratory on 11/06/13 9:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
HACK CONDER
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	11/06/2013	Sampling Date:	11/04/2013
Reported:	11/11/2013	Sampling Type:	Soil
Project Name:	MCA #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: POINT #1 @ SURFACE (H302700-01)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.02	101	2.00	0.0983	
Toluene*	<0.050	0.050	11/08/2013	ND	2.01	100	2.00	0.0618	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.01	101	2.00	0.0369	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	5.90	98.4	6.00	0.540	
Total BTEX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6000**	16.0	11/07/2013	ND	432	108	400	4.01	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/06/2013	ND	198	98.8	200	1.81	
DRO >C10-C28	<10.0	10.0	11/06/2013	ND	224	112	200	17.8	

Surrogate: 1-Chlorooctane *86.9 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *98.9 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
HACK CONDER
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	11/06/2013	Sampling Date:	11/04/2013
Reported:	11/11/2013	Sampling Type:	Soil
Project Name:	MCA #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: POINT #1 @ 4' (H302700-02)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.02	101	2.00	0.0983	
Toluene*	<0.050	0.050	11/08/2013	ND	2.01	100	2.00	0.0618	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.01	101	2.00	0.0369	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	5.90	98.4	6.00	0.540	
Total BTEX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *108 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**736**	16.0	11/07/2013	ND	432	108	400	4.01	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/06/2013	ND	198	98.8	200	1.81	
DRO >C10-C28	<10.0	10.0	11/06/2013	ND	224	112	200	17.8	

Surrogate: 1-Chlorooctane *80.5 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *87.3 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
HACK CONDER
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	11/06/2013	Sampling Date:	11/04/2013
Reported:	11/11/2013	Sampling Type:	Soil
Project Name:	MCA #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: POINT #2 @ SURFACE (H302700-03)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.02	101	2.00	0.0983	
Toluene*	<0.050	0.050	11/08/2013	ND	2.01	100	2.00	0.0618	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.01	101	2.00	0.0369	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	5.90	98.4	6.00	0.540	
Total BTEX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**23600**	16.0	11/07/2013	ND	432	108	400	4.01	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/06/2013	ND	198	98.8	200	1.81	
DRO >C10-C28	<10.0	10.0	11/06/2013	ND	224	112	200	17.8	

Surrogate: 1-Chlorooctane *98.7 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *110 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
HACK CONDER
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	11/06/2013	Sampling Date:	11/04/2013
Reported:	11/11/2013	Sampling Type:	Soil
Project Name:	MCA #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: POINT #2 @ 4' (H302700-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.02	101	2.00	0.0983	
Toluene*	<0.050	0.050	11/08/2013	ND	2.01	100	2.00	0.0618	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.01	101	2.00	0.0369	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	5.90	98.4	6.00	0.540	
Total BTEX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *108 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	11/07/2013	ND	432	108	400	4.01	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/06/2013	ND	198	98.8	200	1.81	
DRO >C10-C28	<10.0	10.0	11/06/2013	ND	224	112	200	17.8	

Surrogate: 1-Chlorooctane *78.0 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *85.7 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: RECS		BILL TO	
Project Manager: Hack Conder		P.O. #:	
Address:		Company:	
City: Hobbs	State: NM Zip: 88240	Attn:	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: COR		State: Zip:	
Project Location: MCA #357		Phone #:	
Sampler Name: Kyle Norman		Fax #:	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
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	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS					
H30270D																									
1	Point #1 @ Surface	G	1			✓					✓		11-4-13		✓	✓	✓								
2	Point #1 @ 4'	G	1			✓					✓		11		✓	✓	✓								
3	Point #2 @ Surface	G	1			✓					✓		11		✓	✓	✓								
4	Point #2 @ 4'	G	1			✓					✓		11		✓	✓	✓								

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.

Relinquished By: Kyle Na	Date: 11/6/13 Time: 9:55	Received By: Jodi Henson	
Relinquished By:	Date: Time:	Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	

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

email results: zconder@rice-ecs.com
Knorman@rice-ecs.com; lpena@riceswd.com
Kjones@riceswd.com; Bbaker@rice-ecs.com;
hconder@rice-ecs.com; Lweinheimer@rice-ecs.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54