

LINN ENERGY

2130 W. Bender Blvd. Hobbs, NM 88241 Phone 575.738.1739

Linn H E West B 37 (2RP-2150)

Termination Request

API No. 30-015-26000

Release Date: January 9th, 2014

Unit Letter J, Section 3, Township 17S, Range 31E

Rice Environmental Consulting & Safety

P.O. Box 2948, Hobbs, NM 88241 Phone 575.393.2967

March 14th, 2014

Mike Bratcher

New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau – District 2 811 S. First St. Artesia, NM 88210

> RE: Termination Request Linn H E West B 37 (2RP-2150) UL/J sec. 3 T17S R31E API No. 30-015-26000



Mr. Bratcher:

Linn Energy (Linn) 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 5.5 miles west of Maljamar, New Mexico at UL/J sec. 2 T17S R31E. This site is in an area of no known groundwater.

On January 9th, 2014, Linn discovered a release of produced water. The #1 and #2 headers at the water station had been shut in due to a loss of pressure. The release was found at the West B #37 injection well. A cow had rubbed against the well head and accidentally pushed open a valve releasing produced water at pressure. The well head released a total of 10 barrels of produced water over 7,188 square feet of lease pad and pasture land. BLM and NMOCD were notified of the release on January 10th, 2014 and an initial C-141 was sent to NMOCD for their approval (Appendix A).

RECS personnel were on site beginning on January 15th, 2014 to assess the release. Four points within the release were sampled at the surface and with depth (Figure 1). Representative samples were taken to a commercial laboratory for analysis (Appendix B). Point 1 returned a laboratory chloride value below regulatory standards at 1.5 ft bgs. Point 2, Point 3 and Point 4 returned a laboratory chloride values below regulatory standards at 6 inches. Gasoline Range Organics (GRO) readings, Diesel Range Organics (DRO) readings and BTEX readings were all below regulatory standards at all sampling points.

A Corrective Action Plan (CAP) was submitted to NMOCD and BLM on February 4th, 2014. BLM approved the CAP on February 12th, 2014, with the stipulation that a liner did not need to be installed at the site. NMOCD approved the CAP on February 13th, 2014. The CAP recommended that based on the laboratory analysis, the area around Point 2, Point 3 and Point 4 would be scraped to 6 inches bgs. The area around Point 1

would be scraped to 1.5 ft bgs (Figure 2). At the base of each scrape, a bottom composite would be taken to a commercial laboratory to verify that all constituents were below 1,000 mg/kg chloride and 1,000 mg/kg TPH. The excavated soil would be taken to a NMOCD approved facility for disposal. The site would be backfilled with clean, imported soil and contoured to the surrounding location. Soil amendments would be added to the pasture area as needed and would be seeded with a blend of native vegetation.

CAP work began at the site on January 30th, 2014. The release area was scraped in three parts: the south scrape, the northeast scrape and the 1.5 ft scrape (Figure 3). A total of 312 yards of excavated soil from the three scrapes was taken to a NMOCD approved facility for disposal. At the base of each scrape, a 5 point bottom composite was taken and sent to a commercial laboratory for analysis (Appendix C). The 5 point composites of the south scrape, northeast scrape and 1.5 ft scrape returned laboratory chloride values of 32 mg/kg, non-detect and 272 mg/kg, respectively. GRO, DRO and BTEX from all three scrapes returned values of non-detect.

A total of 363 yards of caliche and 39 yards of top soil were imported to the site to serve as backfill. A sample of the caliche and top soil were taken to a commercial laboratory for analysis. Both samples returned laboratory chloride results of non-detect. On February 14th, 2014, BLM gave permission to backfill the site. The lease pad was backfilled with the imported caliche and the pasture area was backfilled with the top soil. The backfilled areas were then contoured to the surrounding location. On February 24th, 2014, soil amendments were added to the pasture area and the area was seeded with BLM mix #2 and #4.

Photo documentation of these activities can be found in Appendix D.

Given that the site was scraped as stated in the approved CAP, Linn respectfully request 'remediation termination' and site closure. A final C-141 will be found in Appendix E.

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

AC.W.

RECS

(575) 441-0431

Attachments:

Figure 1 – Initial Sampling Data

Figure 2 – Proposed Excavation

Figure 3 – Excavation Data

Appendix A – Initial C-141

Appendix B – Initial Sampling Labs

Appendix C – Corrective Action Plan Sampling Labs

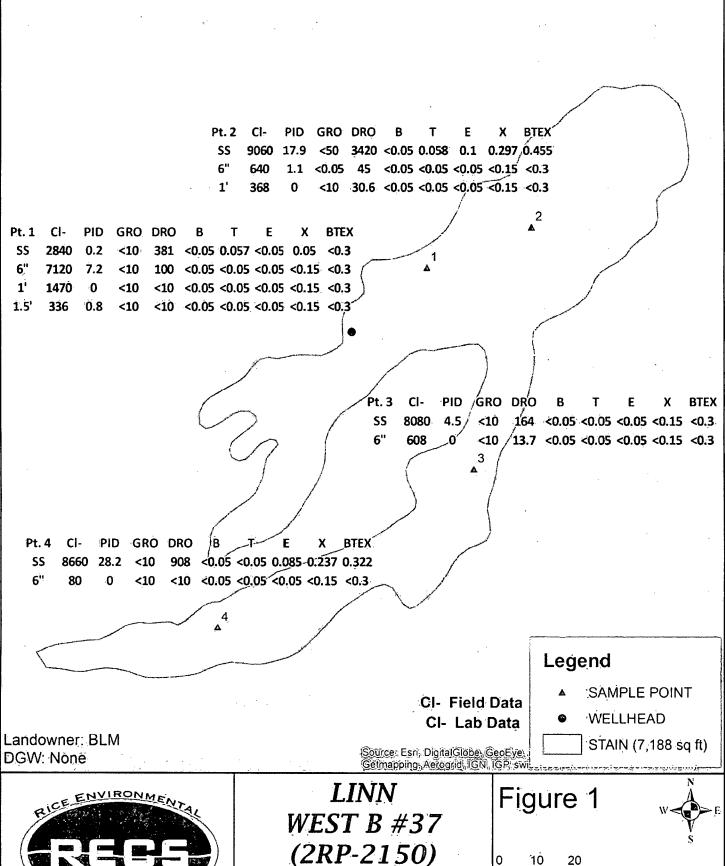
Appendix D – Photo Documentation

Appendix E – Final C-141

Figures

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

Initial Sampling Data



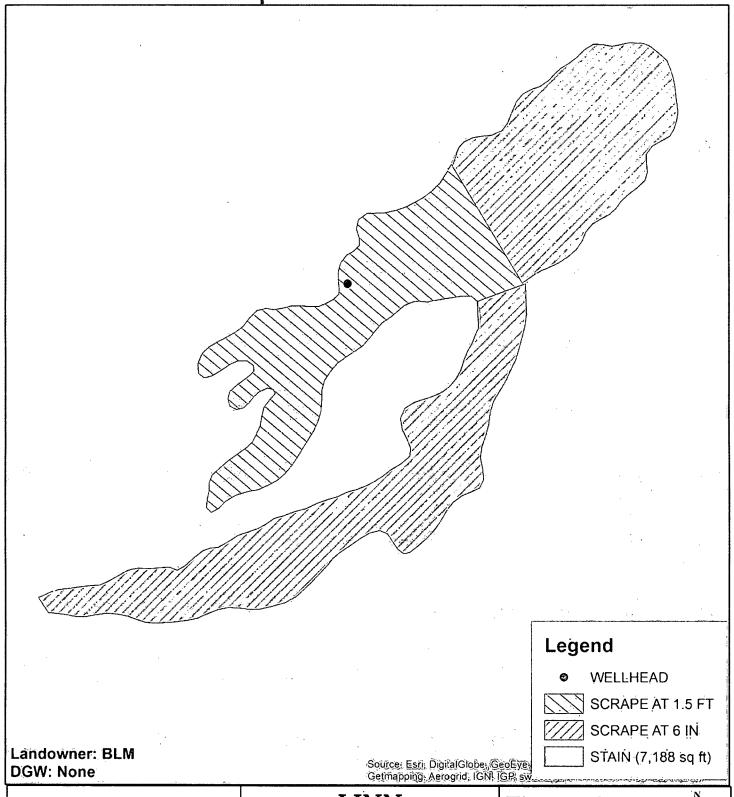


UL J SECTION 3 T-17-S R-31-E EDDY COUNTY, NM

10 20 HHH

GPS date: 1/15/14 AG Drawing date: 1/23/14 Drafted by: C. Ursanic

Proposed Excavation





LINN WEST B #37 (2RP-2150)

UL J SECTION 3 T-17-S R-31-E EDDY COUNTY, NM

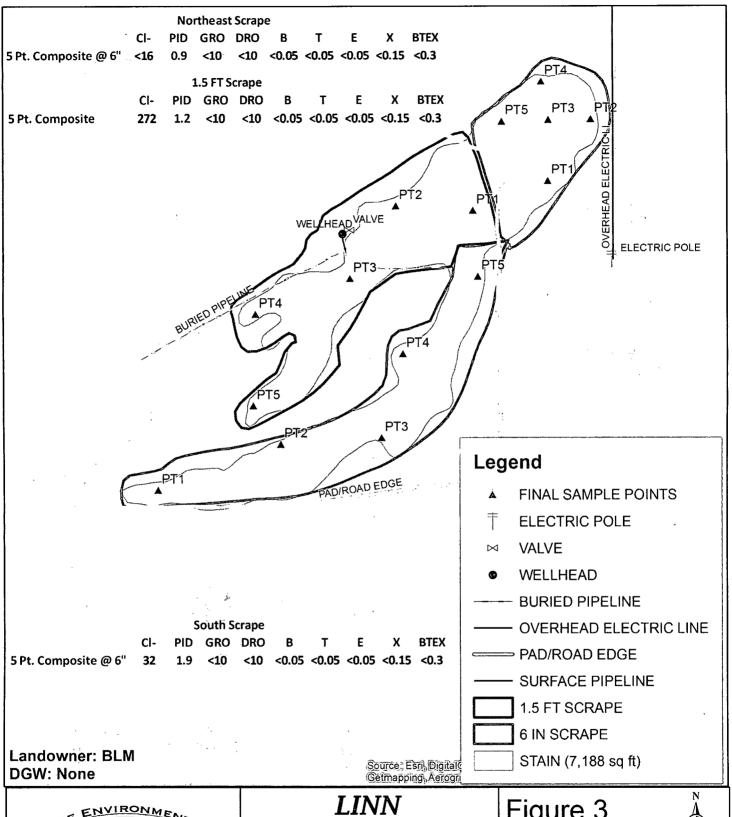
Figure 2



0 10 20

GPS date: 1/15/14 AG Drawing date: 1/31/14 Drafted by: L. Weinheimer

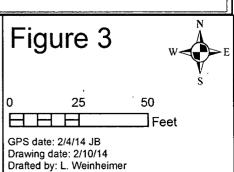
Excavation Data





LINN WEST B #37 (2RP-2150)

UL J SECTION 3 T-17-S R-31-E EDDY COUNTY, NM



Appendix A
Initial C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

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 Resource ECEIVED

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

Form C-141 Revised October 10, 2003

JAN Sphnish Copy to appropriate District Office in accordance with 19.15.29 NMAC

NMOCD ARTESIA

Release Notificati	on and Corrective Action
nJMW 1402135403	OPERATOR Initial Report Final Report
Name of Company: Linn Operating 269324	Contact: Brian Wall
Address: 2130 W. Bender Hobbs, NM 88240	Telephone No.: 575-738-1739
Facility Name: H E West B 37	Facility Type: Injection
Surface Owner: Federal Mineral Owner	er; API No.: 30-015-26000
LOCATI	ON OF RELEASE
Unit Letter Section Township Range Feet from the No. 17S 31E 1980	orth/South Line Feet from the East/West Line County Eddy
	183 Longitude: -103.85467 RE OF RELEASE
Type of Release: Produced Water	Volume of Release: 10 bbls Volume Recovered: 0
Source of Release: Valve	Date and Hour of Occurrence: Date and Hour of Discovery:
<u> </u>	01/09/2014 01/09/2014 4:00pm
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Require	If YES, To Whom? Mike Burton- BLM
By Whom? Brian Wall	Date and Hour 01/10/2014
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.
☐ Yes ⊠ No	· ·
If a Watercourse was Impacted, Describe Fully.*:	
	·
due to loss of pressure. Isolated lateral lines off of injection trunk line a which line was causing loss of pressure, used roustabout crew to walk	headers #1 and 2 at water station had been shut in at water station at about 8:00am, and began opening lines one at a time to find area leak would be in. Once finding out lines in attempt to find location of leak. Found leak at approx. 4:00pm on obed against the well head accidentaly pushing open a valve and releasing produced
	r sprayed from open valve causing large coverage area of liquid. Closed valve and BLM. Remove contaminated soils and dispose of at approved facility. Bring in clean
•	
regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remed	o the best of my knowledge and understand that pursuant to NMOCD rules and e notifications and perform corrective actions for releases which may endanger the NMOCD marked as "Final Report" does not relieve the operator of liability liate contamination that pose a threat to ground water, surface water, human health t does not relieve the operator of responsibility for compliance with any other
•0	OIL CONSERVATION DIVISION
Signature:	
Printed Name: Brian Wall	Approved by District Supervisor: Signed By Mile Demucer
	IAN 2 1 2014
Title: Construction Foreman II	Approval प्रभक्तिः ८ । ८०११ Expiration Date: Remediation per OCD Rule & Guidelines, &
E-mail Address: bwall@linnenergy.com	Conditions of like approval by BLM. SUBMIT REMEDIATION
	Conditions o: like approval by BLM. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 2RP-2150 Floring Cla 21 2014

Appendix B
Initial Sampling Labs

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967



January 23, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: H. E. WEST B #37

Enclosed are the results of analyses for samples received by the laboratory on 01/15/14 16:35.

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/ga/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.

Celeg D. Keens

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



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received:

01/15/2014

Reported:

01/23/2014

H. E. WEST B #37

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

01/15/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: PT. 1 @ SURFACE (H400137-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	`Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.29	
Toluene*	0.057	0.050	01/20/2014	ND	2.32	116	2.00	1.51	
Ethylbenzene*	<0.050	0.050	01/20/2014	ND	2.30	115	2.00	1.47	•
Total Xylenes*	< 0.150	0.150	01/20/2014	ND	6.74	112	6.00	1.49	
Total BTEX	<0.300	0.300	01/20/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	01/20/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2014	ND	46.7	93.4	50.0	3.48	
DRO >C10-C28	381	10.0	01/18/2014	ND	47.4	94.9	50.0	1.97	
Surrogate: 1-Chlorooctane	81.9	% 65.2-14	10			-			
Surrogate: 1-Chlorooctadecane	94.5	63.6-15	4						

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*=Accredited Analyte

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Celeg D. Keine



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Fax To:

(575) 397-1471

Received:

01/15/2014

Sampling Date:

01/15/2014

Reported:

01/23/2014

Sampling Type:

Soil

Project Name:

H. E. WEST B #37

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: PT. 2 @ SURFACE (H400137-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.29		
Toluene*	0.058	0.050	01/20/2014	ND	2.32	116	2.00	1.51		
Ethylbenzene*	0.100	0.050	01/20/2014	ND	2.30	115	2.00	1.47		
Total Xylenes*	0.297	0.150	01/20/2014	ND	6.74	112	6.00	1.49		
Total BTEX	0.455	0.300	01/20/2014	ND						
Surrogate: 4-Bromofluorobenzene (PIL	129 9	% 89.4-12	6							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP						
Analyte	Result	Reporting Limit .	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9060	16.0	01/21/2014	ND	416	104	400	3.92		
TPH 8015M	mg/	kg	Analyze	d By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	01/18/2014	ND	46.7	93.4	50.0	3.48	'	
DRO >C10-C28	3420	50.0	01/18/2014	ND	47.4	94.9	50.0	1.97		
Surrogate: 1-Chlorooctane	89.9	% 65.2-14	0							
Surrogate: 1-Chlorooctadecane	149 9	63.6-15	4							

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Fax To:

o: (575) 397-1471

Received:

01/15/2014

Sampling Date:

01/15/2014

Reported:

01/23/2014

Sampling Type:

Soil

Project Name:

H. E. WEST B #37

.

Project Number:

NONE GIVEN

Sampling Condition:

Cool & Intact

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: PT. 3 @ SURFACE (H400137-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/21/2014	ND	2.28	114	2.00	0.650	
Toluene*	<0.050	0.050	01/21/2014	ND	2.23	112	2.00	0.677	
Ethylbenzene*	<0.050	0.050	01/21/2014	ND	2.26	113	2.00	0.431	
Total Xylenes*	< 0.150	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	<0.300	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8080	16.0	01/21/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2014	ND	46.7	93.4	50.0	3.48	
DRO >C10-C28	164	10.0	01/18/2014	ND	47.4	94.9	50.0	1.97	
Surrogate: 1-Chlorooctane	72.6 9	65.2-14	10						www. #s
Surrogate: 1-Chlorooctadecane	99.49	63.6-15	4						

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*=Accredited Analyte

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Celey D. Keine



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Fax To: (575) 397-1471

Received:

01/15/2014

Reported:

01/23/2014

Project Name: Project Number: H. E. WEST B #37 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

01/15/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: PT. 4 @ SURFACE (H400137-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2014	ND	2.28	114	2.00	0.650	
Toluene*	<0.050	0.050	01/21/2014	ND	2.23	112	2.00	0.677	
Ethylbenzene*	0.085	0.050	01/21/2014	ND	2.26	113	2.00	0.431	
Total Xylenes*	0.237	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	0.322	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	117 9	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP	,				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	16.0	01/21/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2014	ND	185	92.3	200	6.86	
DRO >C10-C28	908	10.0	01/20/2014	ND	183	91.3	200	6.89	
Surrogate: 1-Chlorooctane	81.1	% 65.2-14	0					··-··	
Surrogate: 1-Chlorooctadecane	94.8	% 63.6-15	4						

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Celey D. Kuna



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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 SM4500CI-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

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Celeg D. Keene

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

Company Name		_			,	C-85%	T (V)	į	3//	470						ANAI	LYSIS	S RE	QUE	ST			
Project Manage	Waldo Kamplain					P	.O. ‡				:		-					Ţ					
Address:						c	omp	any:]		'		S						-	
city: Hobbs	State: NM	Zip:	882	240		A	ttn:									on	-	·					
Phone #:	Fax#:		· 			A	ddre	ess:								Ĺ				l		-	
Project #:	Project Owne	r:				C	ity:						∑	' '		3/7			ļ			· .	
Project Name:	inn H.E. West B#37					s	tate:			Zip:		les		×	exas TPH	Cations/Anions	1	.					
Project Location						Р	hon	e #:				Chloride	ГРН 8015	BTEX	S	afí.	TDS						
Sampler Name:	Amber Groves	: .				F	ax#	:				을	3	BI	χά	Ü	=	l					
FOR LAB USE ONLY				MA ⁻	RIX		PR	ESEF	₹٧.	SAMPLI	NG] <u>[</u>	ā,		(e)	te							
Lab I.D. 내년 0 01 3 7	Sample I.D.	(G)RAB OR (C)OM	#CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME		•	. !	•	Complete							
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7	D+. 2625	3		√					_]	1-15-4	1:35	· V	1	V									
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4	Pt.4@5	3	1			_	-		_	1-15-14	1:45	\\\\	1	V						ļ			
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service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by oftent, 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.

Time 2	35 Well Junson	Fax Result: Yes No Add Fax #: REMARKS:
Relinquished By: Date:	Redelved By:	email results
Time:		knorman@rice-ecs.com hconder@rice-ecs.com; Lweinheimer@rice-ecs.com; kjones@riceswd.com;
Delivered By: (Circle One)	Sample Condition CHECKED BY:	Lpena@riceswd.com; sedwards@rice-ecs.com
Sampler - UPS - Bus - Other:	Cool Intact Des Des No No	agroves@rice-ecs.com

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



January 22, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: LINN WEST B #37

Enclosed are the results of analyses for samples received by the laboratory on 01/21/14 11:10.

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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited 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.

Celeg & Keine

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



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

ND

ND

ND

Fax To:

(575) 397-1471

01/21/2014

01/21/2014

01/21/2014

Received:

01/21/2014

Reported:

01/22/2014

Project Name: Project Number: LINN WEST B #37 NONE GIVEN

Project Location:

T17S R31E

Sampling Date:

BS

2.28

2.23

2.26

01/15/2014 Soil

Sampling Type:

% Recovery

114

112

113

Sampling Condition: Sample Received By: Cool & Intact

RPD

0.650

0.677

0.431

Qualifier

Jodi Henson

True Value QC

2.00

2.00

2.00

Sample ID: POINT 1 @ 6" (H400182-01)

Benzene* Toluene*

Ethylbenzene*

BTEX 8021B	mg	/kg	Analyz	ed By: MS
Analyte	Result	Reporting Limit	Analyzed	Method Blan

0.050

0.050

0.050

< 0.050

< 0.050

< 0.050

Laryidenzene	10.000	0.030	01/21/2011	110		113	2.00	0.151	
Total Xylenes*	<0.150	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	<0.300	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIC	111	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	01/22/2014	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2014	ND	210	105	200	6.84	
	100	10.0	01/22/2014	ND	204	102	200	6.75	

Surrogate: 1-Chlorooctane

83.3 %

65.2-140

Surrogate: 1-Chlorooctadecane

88.1 %

63.6-154

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keine



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To: (575) 397-1471

Received: Reported: 01/21/2014

01/22/2014

Project Name: Project Number: LINN WEST B #37 NONE GIVEN

Project Location:

T17S R31E

Sampling Date:

01/15/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: POINT 1 @ 1' (H400182-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2014	ND	2.28	114	2.00	0.650	
Toluene*	<0.050	0.050	01/21/2014	ND	2.23	112	2.00	0.677	
Ethylbenzene*	< 0.050	0.050	01/21/2014	ND	2.26	113	2.00	0.431	
Total Xylenes*	<0.150	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	<0.300	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIE	107 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					***
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	01/22/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2014	ND	210	105	200	6.84	
DRO >C10-C28	<10.0	10.0	01/22/2014	ND	204	102	200	6.75	
Surrogate: 1-Chlorooctane	90.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	90.0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received: Reported: 01/21/2014

01/22/2014

LINN WEST B #37

Project Number:

Project Name:

NONE GIVEN

Project Location:

T17S R31E

Sampling Date:

Sampling Type:

01/15/2014

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: POINT 2 @ 6" (H400182-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2014	ND	2.28	114	2.00	0.650	
Toluene*	<0.050	0.050	01/21/2014	ND	2.23	112	2.00	0.677	
Ethylbenzene*	<0.050	0.050	01/21/2014	ND	2.26	113	2.00	0.431	
Total Xylenes*	<0.150	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	<0.300	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 5	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/22/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2014	ND	210	105	200	6.84	
DRO >C10-C28	45.0	10.0	01/22/2014	ND	204	102	200	6.75	
Surrogate: 1-Chlorooctane	97.8	% 65.2-14	0			=			
Surrogate: 1-Chlorooctadecane	94.6	% 63.6-15	4					*	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received: Reported: 01/21/2014

01/22/2014

LINN WEST B #37

Project Name: Project Number:

NONE GIVEN

Samn

Sampling Date:

01/15/2014

Sampling Type:

Soil Cool & Intact

Sampling Condition: Sample Received By:

Jodi Henson

Project Location:

T17S R31E

Sample ID: POINT 2 @ 1' (H400182-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2014	ND	2.28	114	2.00	0.650	
Toluene*	<0.050	0.050	01/21/2014	ND	2.23	112	2.00	0.677	
Ethylbenzene*	<0.050	0.050	01/21/2014	ND	2.26	113	2.00	0.431	
Total Xylenes*	<0.150	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	<0.300	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	01/22/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2014	ND	210	105	200	6.84	
DRO >C10-C28	30.6	10.0	01/22/2014	ND	204	102	200	6.75	
Surrogate: 1-Chlorooctane	86.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	87.2	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received:

01/21/2014

Reported:

01/22/2014

Project Name:

LINN WEST B #37

Project Number: Project Location:

NONE GIVEN T17S R31E Sampling Date:

01/15/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: POINT 3 @ 6" (H400182-05)

BTEX	8021B

ma	1	k

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2014	ND	2.28	114	2.00	0.650	
Toluene*	<0.050	0.050	01/21/2014	ND	2.23	112	2.00	0.677	
Ethylbenzene*	< 0.050	0.050	01/21/2014	ND	2.26	113	2.00	0.431	
Total Xylenes*	<0.150	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	<0.300	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/22/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2014	ND	210	105	200	6.84	
DRO >C10-C28	13.7	10.0	01/22/2014	ND	204	102	200	6.75	
Surrogate: 1-Chlorooctane	92.0 9	% 65.2-14	0			***			
Surrogato: I Chloropatadogana	00.60	V 62.6.15							

Surrogate: 1-Chlorooctadecane

90.6 %

63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To: (575) 397-1471

Received:

01/21/2014

Sampling Date:

01/15/2014

Reported:

01/22/2014

Sampling Type:

Soil

Project Name:

LINN WEST B #37

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T17S R31E

Sample ID: POINT 4 @ 6" (H400182-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2014	ND	2.28	114	2.00	0.650	
Toluene*	<0.050	0.050	01/21/2014	ND	2.23	112	2.00	0.677	
Ethylbenzene*	< 0.050	0.050	01/21/2014	ND	2.26	113	2.00	0.431	
Total Xylenes*	< 0.150	0.150	01/21/2014	ND	6.61	110	6.00	0.209	
Total BTEX	<0.300	0.300	01/21/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/22/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2014	ND	210	105	200	6.84	
DRO >C10-C28	<10.0	10.0	01/22/2014	ND	204	102	200	6.75	÷
Surrogate: 1-Chlorooctane	93.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.3	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene



ND

Notes and Definitions

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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's flability and client's exclusive remedy for any daim 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 whatcoever 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 subcladrates, affiliates or successors arising out of or related to the performance of the services hereander 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.

Celeg D. Kune

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (32	25) 673-7001 FA	X (325)673-7020							•	,		
Company Name: 29.05	100 200 200	BILLT	0	AL S			NALY	SIS R	EQUES	T		
Project Manager: Jacob Kampain	<i>F</i>	P.O. #:										
Address:		Company:					S				.	
City: Hobbs State: NM Zip: 88	240 <i>A</i>	Attn:			ŀ	1 1	0	.			-	
Phone #: Fax #:		Address:		<u> </u>			5					
Project #: Project Owner:		City:	· .] ,, [:	≥ I		//S					
Project Name: Linn West 6#37	s	State: Zip:		Chlorides	M X Z		Ä		1 1			
Project Location: TIDS 2315	F	Phone #:			BTEX		i ji	LDS	1 1			
Sampler Name: Amber Groves	F	Fax #:]은[:	BT S	ğ	الن		1 1			
Lab I.D. Sample I.D. #400 121	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	<u>ii</u>	IPLING		0 B	Texas TPH	Complete Cations/Anions					
1 Point 1 QLe! GI	V		4 2:00	VV	1.1							
2 Point (@1' 61	V		142:05	V	V	: .						
3 Point 206" 61			14 2:15	V .	/ /							
4 POINT 2021 GIL	V	1-15	142:20	V	1 0							
5 PDIN+ 3036" 611	V	1-16	14 2:30	V 1	· V					,		
6 Point 406" 61		1-15	14 2:40	1 / 1							<u> </u>	
				1						.,	1	
				1 -				·				
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dalm arisin analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walves service. In no event shall Cardinal be liable for incidental or consequental damages, including without liabilities or successors arising out of or related to the performance of services hereunder by Cardinal, regard	ed unless made in writing and re tion, business interruptions, los	received by Cardinal within 30 d as of use, or loss of profits Incur	ys after completion of ed by client, its aubsid	the applicable aries,		<u></u>			1		1	<u>. </u>
Relinquished By: Date 2 14 Regeiv	ed By:	enson	Phone Re Fax Resu REMARK	esult:			Add'l Ph Add'l Fa					
Relinquished By: Date: Receiv			Kjones	an@rice @ricesv	d.com;	jkamp	lain@r	ice-ecs.	com	·		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Conditio	A(Ihitlais)	sedwa	er@rice- rds@rice	ecs.com -ecs.co	n; Lwei m; Iflo	nheime res@ri	er@rice ce-ecs.c	-ecs.cor com; agi	n; roves@r	ice-ecs	.com

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



January 31, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: WEST B #37

Enclosed are the results of analyses for samples received by the laboratory on 01/29/14 16:30.

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 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.

Celes D. Keine

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



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To: (575) 397-1471

Received:

01/29/2014

Sampling Date:

01/29/2014

Reported:

DTEV 0021D

01/31/2014 WEST B #37

Sampling Type:

Soil

Project Name: Project Number: WEST B #37 NONE GIVEN Sampling Condition:

Cool & Intact

Project Location:

NONE GIVEN

Sample Received By:

Kathy Perez

Sample ID: PT. 1 @ 1.5' (H400292-01)

BTEX 8021B	mg/l	<g< th=""><th>Analyze</th><th>d By: MS</th><th></th><th></th><th></th><th></th><th></th></g<>	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2014	ND	2.26	113	2.00	2.91	
Toluene*	< 0.050	0.050	01/31/2014	ND	2.24	112	2.00	2.60	
Ethylbenzene*	< 0.050	0.050	01/31/2014	ND	2.23	111	2.00	2.55	
Total Xylenes*	<0.150	0.150	01/31/2014	ND	6.44	107	6.00	3.04	
Total BTEX	<0.300	0.300	01/31/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIE	110 %	6 .89.4-12	6						
Chloride, SM4500CI-B	mg/l	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Analyzad Dyr MC

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/30/2014	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/31/2014	ND	218	109	200	10.7	
DRO >C10-C28	<10.0	10.0	01/31/2014	ND	225	112	200	14.2	
Surrogate: 1-Chlorooctane	79.9	% 65.2-14	0						

Surrogate: 1-Chlorooctane 79.9 % 65.2-140
Surrogate: 1-Chlorooctadecane 95.2 % 63.6-154

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.

Celeg D. Keene



ND

Notes and Definitions

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

Analyte NOT DETECTED at or above the reporting limit

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 imitation, business interruptions, loss of use, or 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 claims 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. Keine

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		-					8/	LL TO					/	ANAL	YSIS	RE	QUE	ST			
Project Manager:	Jacob Kamplain					P.O	.#:															
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FOR LAB USE ONLY				MATI	RIX		PRESE	RV.	SAMPL	NG	[]	PH		<u>e</u>	te							
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967



February 07, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: H, E, WEST B #37

Enclosed are the results of analyses for samples received by the laboratory on 02/06/14 16:20.

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 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.

Celey D. Keens

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



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAİN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received:

02/06/2014

Sampling Date:

02/04/2014

Reported:

02/07/2014

Sampling Type:

Soil

Project Name:

H. E. WEST B #37

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Amanda Ponce

Project Location:

NOT GIVEN

Sample ID: NE 6" SCRAPE 5PT COMP (H400387-01)

mg/	kg	Analyze	d By: MS			<u> </u>		
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	02/07/2014	ND	2.43	122	2.00	3.13	
<0.050	0.050	02/07/2014	ND	2.40	120	2.00	2.55	
<0.050	0.050	02/07/2014	ND	2.39	120	2.00	2.18	
<0.150	0.150	02/07/2014	ND	7.06	118	6.00	1.17	
<0.300	0.300	02/07/2014	ND					
1169	% 89.4-12	6						
mg/	kg	Analyzed By: AP						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	02/07/2014	ND	416	104	400	3.92	
mg/	kg	Analyze	d By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/07/2014	ND	197	98.3	200	6.22	
<10.0	10.0	02/07/2014	ND	193	96.5	200	0.485	
<10.0 99.6			ND	193	96.5	200	0.485	
	Result <0.050 <0.050 <0.050 <0.150 <0.300 /// Result <16.0 mg/ Result	<0.050	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC < 0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD < 0.050

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune



RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received:

02/06/2014

Sampling Date:

02/04/2014

Reported:

02/07/2014

Sampling Type:

Soil

Project Name:

H, E, WEST B #37

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Amanda Ponce

Project Location:

NOT GIVEN

Sample ID: 1.5' SCRAPE 5PT COMP (H400387-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2014	ND	2.43	122	2.00	3.13	
Toluene*	< 0.050	0.050	02/07/2014	ND	2.40	120	2.00	2.55	
Ethylbenzene*	< 0.050	0.050	02/07/2014	ND	2.39	120	2.00	2.18	
Total Xylenes*	< 0.150	0.150	02/07/2014	ND	7.06	118	6.00	1.17	
Total BTEX	<0.300	0.300	02/07/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	117 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/07/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2014	ND	197	98.3	200	6.22	
DRO >C10-C28	<10.0	10.0	02/07/2014	ND	193	96.5	200	0.485	
Surrogate: 1-Chlorooctane	101 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	108 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



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

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Celeg & Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

Project Manager:	Jacob Konplain	NAMES OF TRANSPORT	••••••••••••••••••••••••••••••••••••••	F	0.#.		,		1						1		- 1		- 1	- 1
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BILL TO

[†] Cardinal cannot accept Verbal changes. Please fax written changes to (575) 393-2326



February 07, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: H. E. WEST B #37

Enclosed are the results of analyses for samples received by the laboratory on 02/03/14 16:45.

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/ga/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.

Celeg & Keine

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:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

(575) 397-1471 Fax To:

Received:

02/03/2014

Sampling Date:

01/31/2014

Reported:

02/07/2014

Sampling Type:

Soil

H. E. WEST B #37

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SOUTH 6" SCRAPE 5 PT. COMP (H400327-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.25	113	2.00	1.30	
Toluene*	< 0.050	0.050	02/06/2014	ND	2.20	110	2.00	1.10	
Ethylbenzene*	< 0.050	0.050	02/06/2014	ND	2.18	109	2.00	0.773	
Total Xylenes*	< 0.150	0.150	02/06/2014	ND	6.32	105	6.00	0.682	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115 %	6 89.4-12	6						-
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					•
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2014	ND	203	101	200	3.08	
DRO >C10-C28	<10.0	10.0	02/04/2014	ND	190	95.1	200	1.59	
Surrogate: 1-Chlorooctane	104 %	65.2-14	0		,				
Surrogate: 1-Chlorooctadecane	109 9	63.6-15	4						

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 whistoever shall be deemed waived unless make in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be labte 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. Keine



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

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Celey D. Keene



101 East Marland, Hobbs, NM 88240

Company Name:	575) 393-2326 FAX (575) 393-247				(O)	LL TO		**				ANAI	VSI	· RE	QUE	ST.			
Project Manager				P.C). #:	GE IV		Ī	·	<u> </u>	 (718/AI	_131		QUE	31	<u> </u>		
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City: Abbys	State: Nm	Zip: 88 14	0	Att				-						*					
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[†] Cardinal cannot accept verbal changes. Please fax written changes to (575) 39



February 19, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: H. E. WEST B #37

Enclosed are the results of analyses for samples received by the laboratory on 02/14/14 12:05.

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/ga/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.

Celey & Keena

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:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN

HOBBS NM, 88240

Fax To:

(575) 397-1471

Received:

02/14/2014

Sampling Date:

02/12/2014

Reported:

02/19/2014

Sampling Type:

Soil

Project Name:

H. E. WEST B #37

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

NOT GIVEN

Jodi Henson

Sample ID: IMPORTED CALICHE ANGELS PIT (H400451-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/19/2014	ND	400	100	400	0.00	

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 shalf 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 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. Keine



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

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

Company Name	* RECS 1		• .					[8	LL TO						ANA	LYSIS	S RE	QUE	ST			
Project Manage	r: Jacob Kampla	in .							P.C). # <i>:</i>					٠.										
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City: Hobbs		State: NM	Zip	: 882	240	· · · · · ·			Att	n:				 				_ਠ							
Phone #:		Fax #:							Adı	dress	:							7						1	
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affiliates or successors arising out of or related to the performance of storpeship eurode the dardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise

Relinquished By:		Received By:	Phone Result: ☐ Yes ☑ No Add'l Phone #:
	2-12-14	1/10 1/10	Fax Result: ☐ Yes ☑ No Add'l Fax #:
loradran Flores	173:05	Mai Henson	REMARKS:
Relinquished By:	Date:	Received By:	email results /flores @ rice-ecs.com//kamplain @ nice-ecs.com
	Time:		knorman@rice-ecs.com;hconder@rice-ecs.com;
· ·			
Delivered By: (Circle One)		Sample Condition CHECKED BY:	Lweinheimer@rice-ecs.com; kjones@riceswd.com;
Sampler - UPS - Bus - Other:		Cool Intact Initials	Lflores@nee-ecs.com

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



February 21, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: H. E. WEST B #37

Enclosed are the results of analyses for samples received by the laboratory on 02/17/14 16:20.

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 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.

Celey D. Keine

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:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received:

02/17/2014

Sampling Date:

02/17/2014

Reported:

02/21/2014

Sampling Type:

Soil

Project Name:

H. E. WEST B #37

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: IMPORTED SOIL (H400478-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/19/2014	ND	400	100	400	3.92	

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. Kune



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 SM4500CI-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 cleint, 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. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

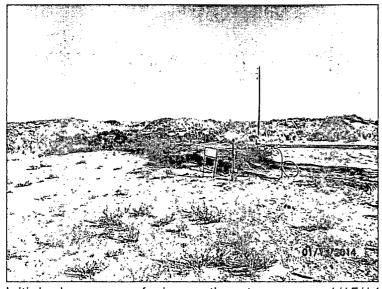
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analyses. All claims includi service. In no event shall C	ng those for negligence and any other ca ardinal be liable for incidental or consequ	use whatsoever shall be uental damages, including	deemed withou	d waive d limita	ed unle ation, b	ss made usiness i	<i>in writ</i> nterrup	ing and otions,	recel oss of	ved by use, o	Cardin or loss o	al within of profits	30 days after Incurred by	er completion of client, its subsidi	the applica arles,	ble				*					•	
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Appendix D Photo Documentation

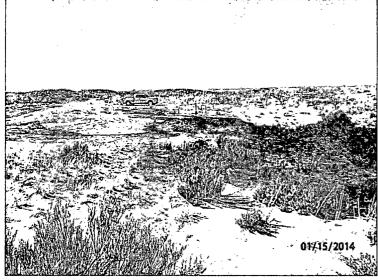
RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

Linn H E West B #37

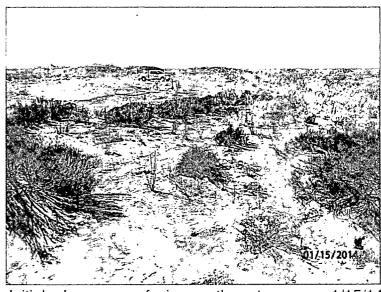
Unit Letter J, Section 3, T17S, R31E



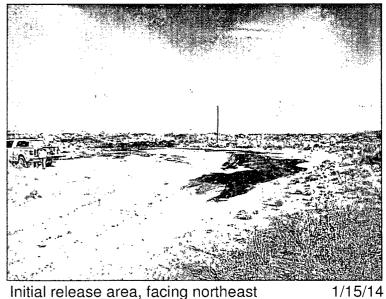
Initial release area, facing northeast 1/15/14



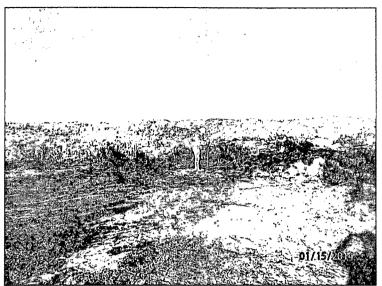
Initial release area, facing west 1/15/14

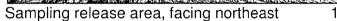


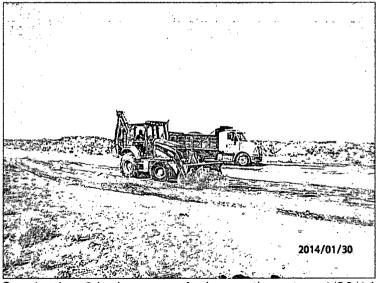
Initial release area, facing southwest 1/15/14



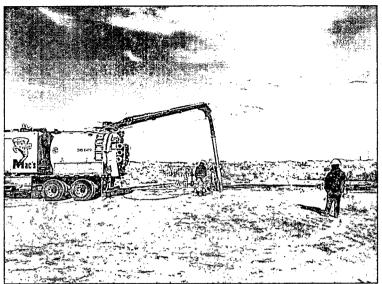
Initial release area, facing northeast



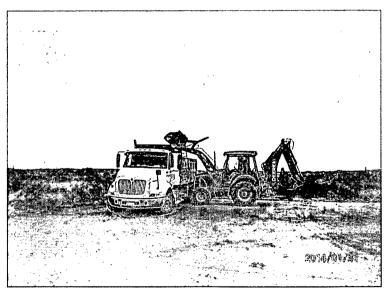




Conducting 6 inch scrape, facing northwest 1/30/14

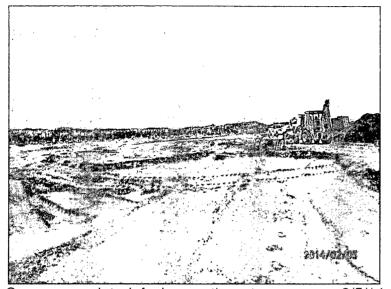


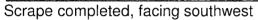
Using the hydrovac to line spot, facing north 1/28/14



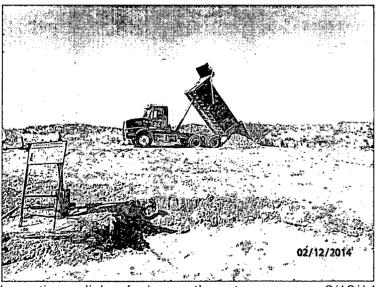
Exporting soil, facing north

1/31/14



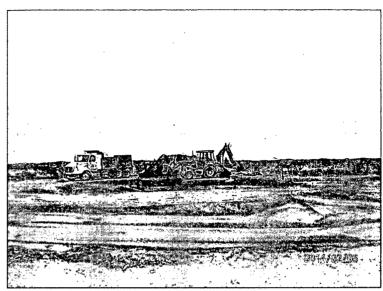


2/5/14



Importing caliche, facing northwest

2/12/14



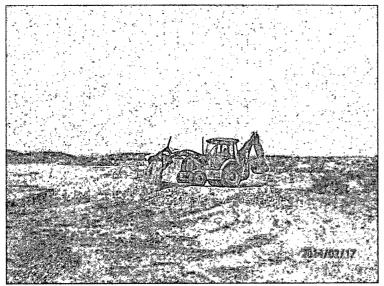
Scrape completed, facing northwest

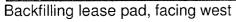
2/5/14



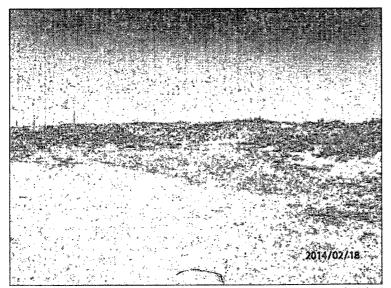
Importing top soil, facing northeast

2/14/14



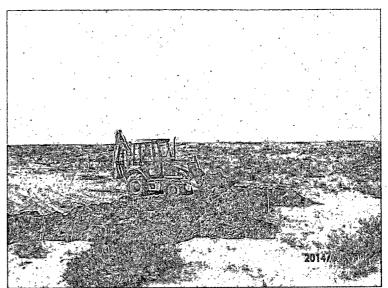


2/17/



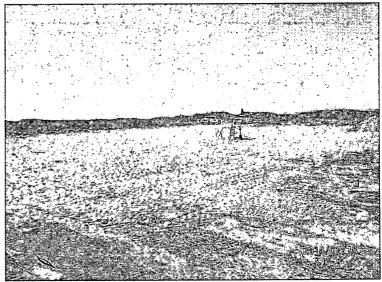
Backfilling completed, facing northeast

2/18/14



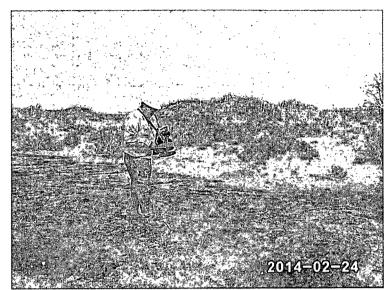
Backfilling pasture, facing northwest

2/17/1

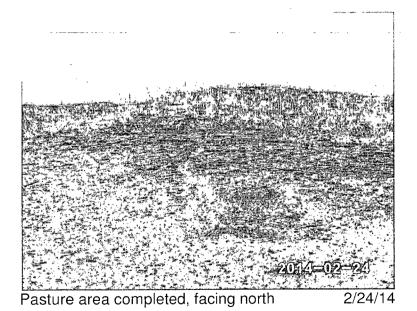


Backfilling completed, facing southwest

2/18/14



Soil amendments added and seeding site, facing west 2/24/14



2014-02-24

Raking in amendments and seed, facing north 2/24/14



Pasture area completed, facing north

2/24/14

Appendix E Final C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 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

Form C-141 Revised August 8, 2011 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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

			Rele	ease Notific	cation	and Co	orrective A	ction						
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Name of Co	mpany L	inn Operatir	ng			Contact B				· F ·			1	
		nder, Hobbs		240			No. 575-738-17	739						
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Sumfa a a Our	ner Fede			Mineral C)m.o.m				OI NIo	20.015.26				
Surface Ow	ner rede	i ai		Milleral C	wiiei			Ar	1 NO.	30-015-26	0000_			
				LOCA	ATION	OF RE	LEASE							
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West I	Line	County				
J	03	178	31E	1980	S	South	1980	East	,	Eddy				
	<u>v</u>	1 2 1 2		atitude_32.861	'		e103.85467_		1.1					
			r			OF REL		_						
Type of Rele	ase Produc	ced Water			UKE		Release 10 bbls	. Vol	ume Re	covered 0	,			
Source of Re							Iour of Occurrence			our of Disc		01/09/	2014	
						01/09/2014	1 ·	4:00						
Was Immedia	ate Notice C		\ .] N		If YES, To								
			Yes	No Not R	equired	Mike Burte								
By Whom? I		abad?					Hour 1/10/14 olume Impacting t	l - W-tonoon						
was a water	course Reac		Yes 🗵] No		II 1E3, VC	nume impacting t	me watercom	ise.				,	
If a Watercou	irse was Im	pacted, Descr	ibe Fully.	*	_									
Describe Cau	se of Proble	em and Reme	dial Actio	n Taken.* Found	that hea	ders #1 and 2	at water station ha	d been shut in	at water	r station at a	bout 8:	00am, d	due to	
												W CSU D	ונπי	
beginning on taken to a con returned a lab and BTEX rea 4th, 2014. BL February 13th, 1.5 ft scrape. point bottom or returned labor detect. A tota commercial lasite. The leass surrounding le I hereby certi regulations all public health should their cor the environ federal, state,	loss of pressure. Isolated lateral lines off of injection trunk line and began opening lines one at a time to find area leak would be in. Once finding which line was causing loss of pressure, used roustabout crew to walk out lines in attempt to find location of leak. Found leak at approx 4:00 pm on the location of the West B #37 injection well. Discovered that cow had rubbed against the well head accidentally pushing open a valve and releasing produced water at pressure. Describe Area Affected and Cleanup Action Taken.* A total of 7,188 square feet of lease pad and pasture land was affected. RECS personnel were on site beginning on January 15th, 2014 to assess the release. Four points within the release were sampled at the surface and with depth. Representative samples were taken to a commercial laboratory for analysis. Point 1 returned a laboratory chloride value below regulatory standards at 6 inches. Gasoline Range Organics (GRO) readings, Diesel Range Organics (DRO) readings and BTEX readings were all below regulatory standards at 6 inches. Gasoline Range Organics (GRO) readings, Diesel Range Organics (DRO) readings and BTEX readings were all below regulatory standards at all sampling points. A Corrective Action Plan (CAP) was submitted to NMOCD and BLM on February 14th, 2014. BLM approved the CAP on February 12th, 2014, with the stipulation that a liner did not need to be installed at the site. NMOCD approved the CAP on February 13th, 2014. CAP work began at the site on January 30th, 2014. The release area was scraped in three parts: the south scrape, the northeast scrape and the 1.5 ft scrape. A total of 312 yards of excavated soil from the three scrapes was taken to a NMOCD approved facility for disposal. At the base of each scrape, a 5 point bottom composite was taken and sent to a commercial laboratory for analysis. The 5 point composites of the south scrape, northeast scrape and 1.5 ft scrape returned laboratory chloride values of 32 mg/kg, respectively. GRO, DRO and BTEX from all three scrapes retur													
Signature: 7	Fred B	Wall					OIL CON	SERVATI	<u>ion E</u>	<u> DIVISIO</u>	N			
Printed Name		-	_			Annroyed by	Environmental S	nacialist						
Title: Constr						Approved by Approval Da			ation Da	nte:				
								Expira		atc.			-	
		@linnenergy.c	om		(Conditions of	f Approval:			Attached				
Date: 3-14 * Attach Addi		ate If Magaza		575-738-1739										
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