

1R - 426-299

REPORTS

DATE:

3-22-12

1R426-299

BD Jct. A-2
2011

RECEIVED

MAY - 1 2012

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

DISCLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Blinebry-Drinkard (BD)	Jct. A-2	A	2	23S	37E	Lea	Moved 55' South		

LAND TYPE: BLM ___ STATE ___ FEE LANDOWNER Walco Ranch, LLC. OTHER _____

Depth to Groundwater 57 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40*

Date Started 6/18/2011 Date Completed 7/20/2011 OCD Witness No

Soil Excavated 44.4 cubic yards Excavation Length 10 Width 10 Depth 12 feet

Soil Disposed 84 cubic yards Offsite Facility Sundance Services, Inc. Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date 7/19/2011 Sample Depth 12'

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.5	<10.0	<10.0	1,760
BOTTOM COMP.	0.8	<10.0	<10.0	1,300
IMPORTED SOIL	50.8			<16.0

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	N/A	704
bottom comp.	12'	777
imported soil	N/A	115
background	6"	122
vertical delineation trench at 5' north of source	2'	546
	4'	1,863
	6'	745
	8'	1,006
	10'	966
	12'	954

General Description of Remedial Action: An investigation was conducted using a

backhoe to collect soil samples at regular intervals producing a 10x10x12-ft excavation.

Chloride field tests performed on each sample yielded elevated concentrations that did not

relent with depth. Organic vapors were measured using a PID which yielded low

concentrations. Representative composite samples of the excavation bottom and excavator

walls were sent to a commercial laboratory for analysis of chloride and TPH. 84 cubic yards of

excavated soil was hauled to a NMOCD approved facility. A representative sample of the clean

imported soil was sent to a commercial laboratory for analysis of chloride and TPH. The excavation was backfilled with the imported soil to

4-ft BGS. On 7/19/2011, a 20-mil reinforced liner was installed at 4-ft BGS and the excavation was backfilled with the remaining imported soil to

ground surface and contoured to the surrounding area. On 7/20/2011, the site was seeded with a blend of native vegetation and is expected

to return to a productive capacity at a normal rate. A new water tight junction box was built 55-ft. south. NMOCD was notified of potential

groundwater impact on 12/22/2011.

*Wind Mill 650-ft. south

ADDITIONAL EVALUATION IS HIGH PRIORITY

enclosures: photos, lab results, PID (field) screenings, cross-section, chloride curve, revegetation form

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Robert Egans SIGNATURE *Robert Egans*

REPORT ASSEMBLED BY Laura Peña SIGNATURE *Laura Peña* COMPANY RICE OPERATING COMPANY

PROJECT LEADER Zach Conder SIGNATURE *Zach Conder* DATE 3-22-12

*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

BD Jct. A-2

Unit A, Section 2, T23S, R37E



Digging source, facing east 6.18.11



Collecting sample, facing south 7.19.11



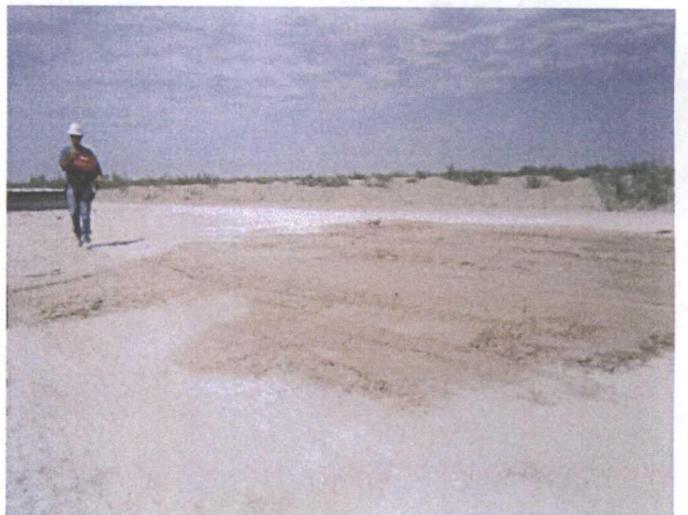
Importing backfill soil, facing north 7.19.11



Installing liner, facing northwest 7.19.11



Backfilling site above liner, facing west 7.19.11



Seeding site, facing west 7.20.11



July 25, 2011

ZACH CONDER

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JCT A-2 (23/37)

Enclosed are the results of analyses for samples received by the laboratory on 07/19/11 16:23.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Cardinal Laboratories is accredited 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 (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

COPY

Analytical Results For:

 Rice Operating Company
 ZACH CONDER
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 07/19/2011
 Reported: 07/25/2011
 Project Name: BD JCT A-2 (23/37)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/19/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: 4 WALL COMPOSITE (H101501-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	07/20/2011	ND	448	112	400	0.00		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/22/2011	ND	172	86.1	200	3.47		
DRO >C10-C28	<10.0	10.0	07/22/2011	ND	163	81.4	200	0.343		
<i>Surrogate: 1-Chlorooctane</i>		<i>104 %</i>	<i>70-130</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		<i>112 %</i>	<i>70-130</i>							

Sample ID: 5 PT. BTM COMP (H101501-02)

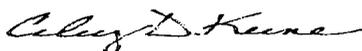
Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	07/20/2011	ND	448	112	400	0.00		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/22/2011	ND	172	86.1	200	3.47		
DRO >C10-C28	<10.0	10.0	07/22/2011	ND	163	81.4	200	0.343		
<i>Surrogate: 1-Chlorooctane</i>		<i>106 %</i>	<i>70-130</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		<i>116 %</i>	<i>70-130</i>							

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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Rice Operating Company
 ZACH CONDER
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

Received:	07/19/2011	Sampling Date:	07/19/2011
Reported:	07/25/2011	Sampling Type:	Soil
Project Name:	BD JCT A-2 (23/37)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: IMPORTED SOIL (H101501-03)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/20/2011	ND	448	112	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

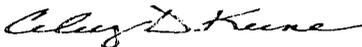
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on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

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Celey D. Keene, Lab Director/Quality Manager

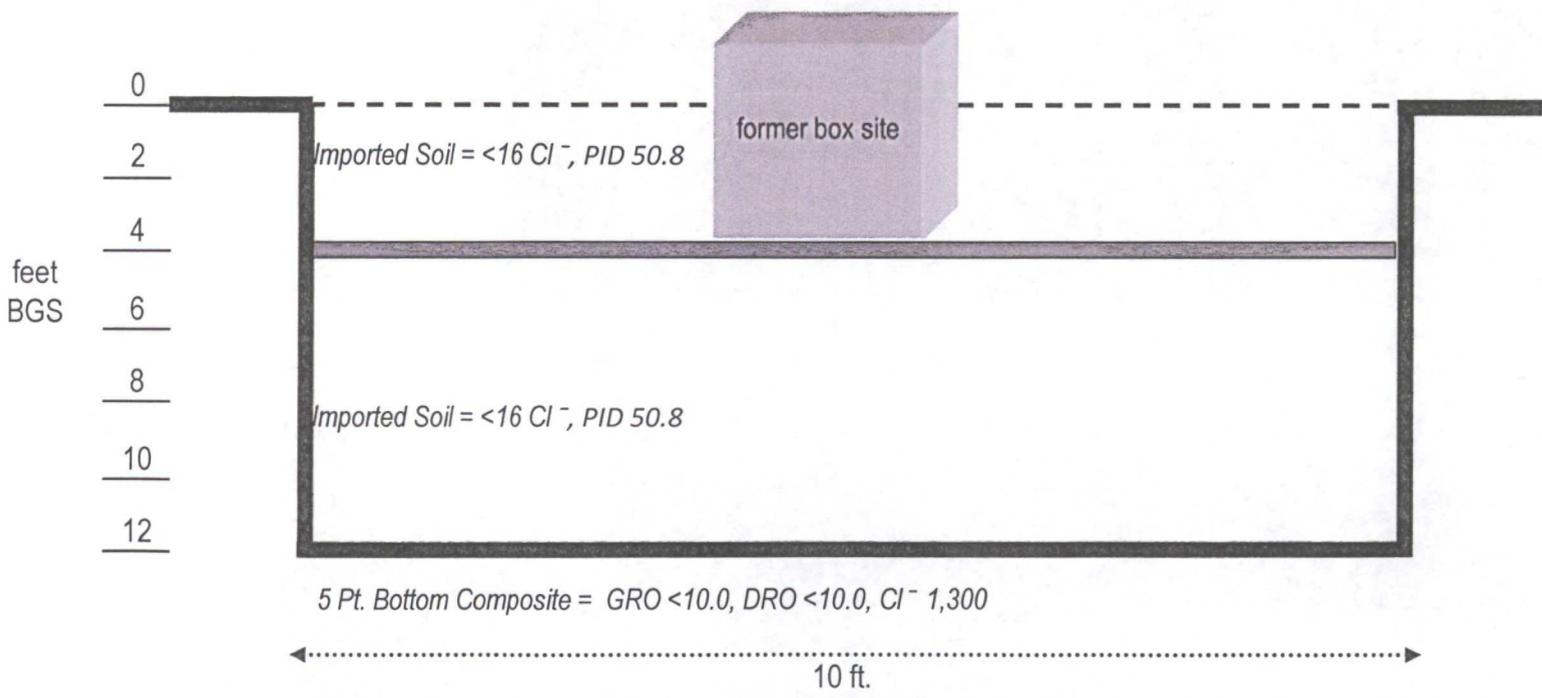
BD Jct. A-2
Unit 'A', Sec. 2, T23S, R37E

Excavation Cross-Section

N

S

	Excavation Boundary
	20-mil Reinforced Liner

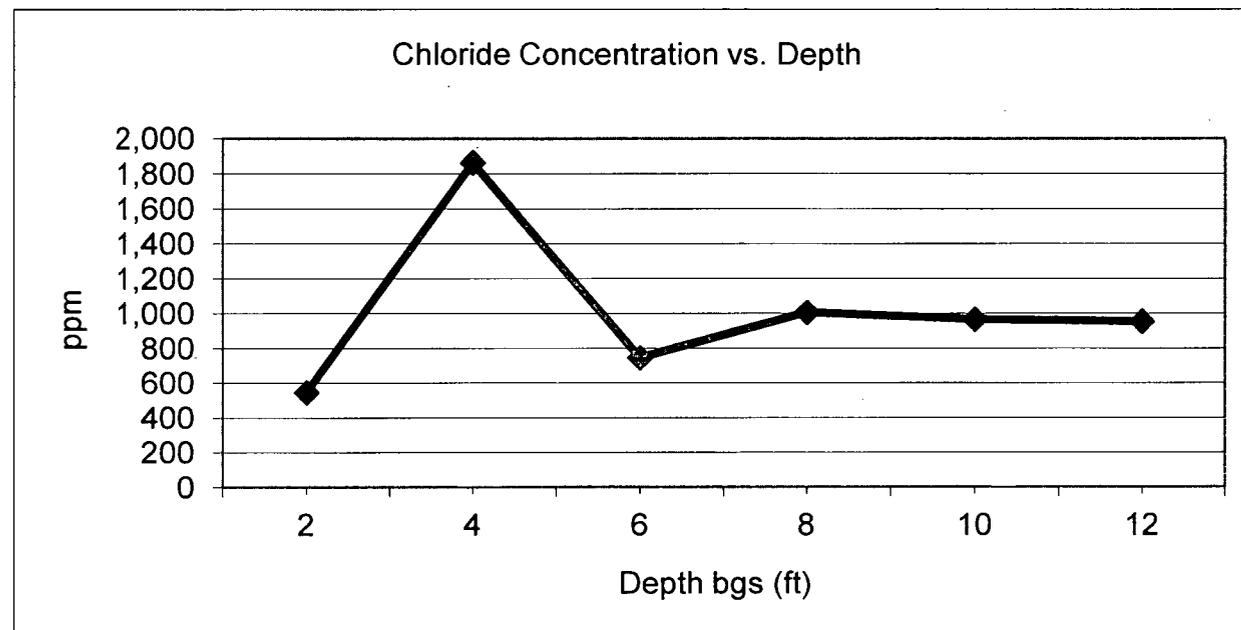


BD Jct. A-2

Unit 'A', Sec. 2, T23S, R37E

Backhoe samples at 5 ft North of the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
2	546
4	1,863
6	745
8	1,006
10	966
12	954



Groundwater = 57 ft



PO Box 5630
 Hobbs, NM 88241
 Phone: (575) 393-4411
 Fax: (575) 393-0293

REVEGETATION FORM

1. General Information

Site name:BD		Jct. A-2				
U/L A	Section 2	Township T23S	Range R37E	County Lea	Latitude 32° 20'263"	Longitude 103° 7'530"
Contact Name:		Zach Conder				
Email:		zconder@rice-ecs.com				
Site size: 1200		square feet:		Map detail of site attached <input type="checkbox"/>		
Additional information:						

2. Soils

**Do not rip caliche subsoils; caliche rocks brought to the surface by ripping shall be removed.*

Salvaged from site <input type="checkbox"/>	Bioremediated <input type="checkbox"/>	Imported <input checked="" type="checkbox"/>	Blended <input type="checkbox"/>	Depth (in):	
Texture:		Describe soil & subsoil:			
Soil prep methods:	Rip <input type="checkbox"/>	Depth(in):	Disc <input type="checkbox"/>	Depth (in):	Rollerpack <input type="checkbox"/>
Date completed: 7/20/2011					

3. Bioremediation

Fertilizer <input type="checkbox"/>	Hay <input type="checkbox"/>	Other <input type="checkbox"/>
Type:	Describe:	
Lbs/acre:		

4. Seeding

**Attach seed bag tags to this form. Seed bag tags shall contain the site name and S-T-R.*

Custom seed mix <input checked="" type="checkbox"/>	Prescribed mix <input type="checkbox"/>	Seed mix name: 5 lbs. blue grama	Seeding date: 7/20/2011
Broadcast <input checked="" type="checkbox"/>			
Method: hand broadcast			
Soil conditions during seeding: Dry <input checked="" type="checkbox"/> Damp <input type="checkbox"/> Wet <input type="checkbox"/>			
Photos attached <input type="checkbox"/>	Observations:		
Number of photos:			

5. Certification

I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief.

Name: Robert Egans	Title: Environmental Tech	Date: 7/20/2011
Signature: <i>Robert Egans</i>		

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