

1R - 426-316

REPORTS

DATE:

3-13-13

1R426-316

RECEIVED

APR 2 2013

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

BD H-36 vent
2012

DISCLOSURE

RECEIVED

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

APR 2 2013

BOX LOCATION							Oil Conservation Division 1000 S. St. Francis Drive		
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard (BD)	H-36 vent	H	36	22S	37E	Lea	Length 4'	Width 5'	Depth 3'
							Eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER D.K.Boyd Oil and Gas Co. OTHER _____

Depth to Groundwater 41 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 10/11/2011 Date Completed 4/25/2012 OCD Witness no

Soil Excavated 267 cubic yards Excavation Length 30 Width 20 Depth 12 feet

Soil Disposed 344 cubic yards Offsite Facility Sundance Services Location Eunice, NM

FIELD SOURCE RESULTS: Sample Date 4/16/2012 Sample Depth 12 ft.

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	Chlorides mg/kg
4-WALL COMP.	1.1	<10	76.8	4,400
BOTTOM COMP.	2.1	<10	113	10,600
BLENDED BACKFILL	0.9	<10	49.9	5,760

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4 wall comp.	n/a	2,407
bottom comp.	12'	5,102
backfill comp.	n/a	3,080
background	6"	60
vertical delineation trench at junction (source)	2'	5,041
	3'	2,411
	4'	2,970
	5'	2,390
	6'	2,433
	7'	1,607
	8'	2,885
	9'	2,366
	10'	3,537
	11'	5,881
12'	4,378	

General Description of Remedial Action: This junction box was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 30x20x12 ft deep excavation. Chloride field tests performed on soil samples did not decrease with depth. Organic vapors were measured using a PID which yielded low concentrations. The excavated soil was blended on site and representative composite samples of the excavation bottom, the excavation walls, and the blended backfill were sent to a commercial laboratory for analysis of chloride and TPH. A total of 344 yards of blended backfill was transported to a NMOCD approved disposal facility. The excavation was backfilled to 6 ft. below ground surface (BGS). On 4/23/2012, a 30x20 ft. 20-mil reinforced liner was installed at 6 ft. BGS and the remainder of the excavation was backfilled with clean imported soil to ground surface and contoured to the surrounding area. On 4/25/2012, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. NMOCD was notified of potential groundwater impact on 2/20/2013.

Additional evaluation is **HIGH** priority.

Enclosures: site location map, photos, lab results, PID (field) screenings, cross-section diagram, chloride curve, revegetation form

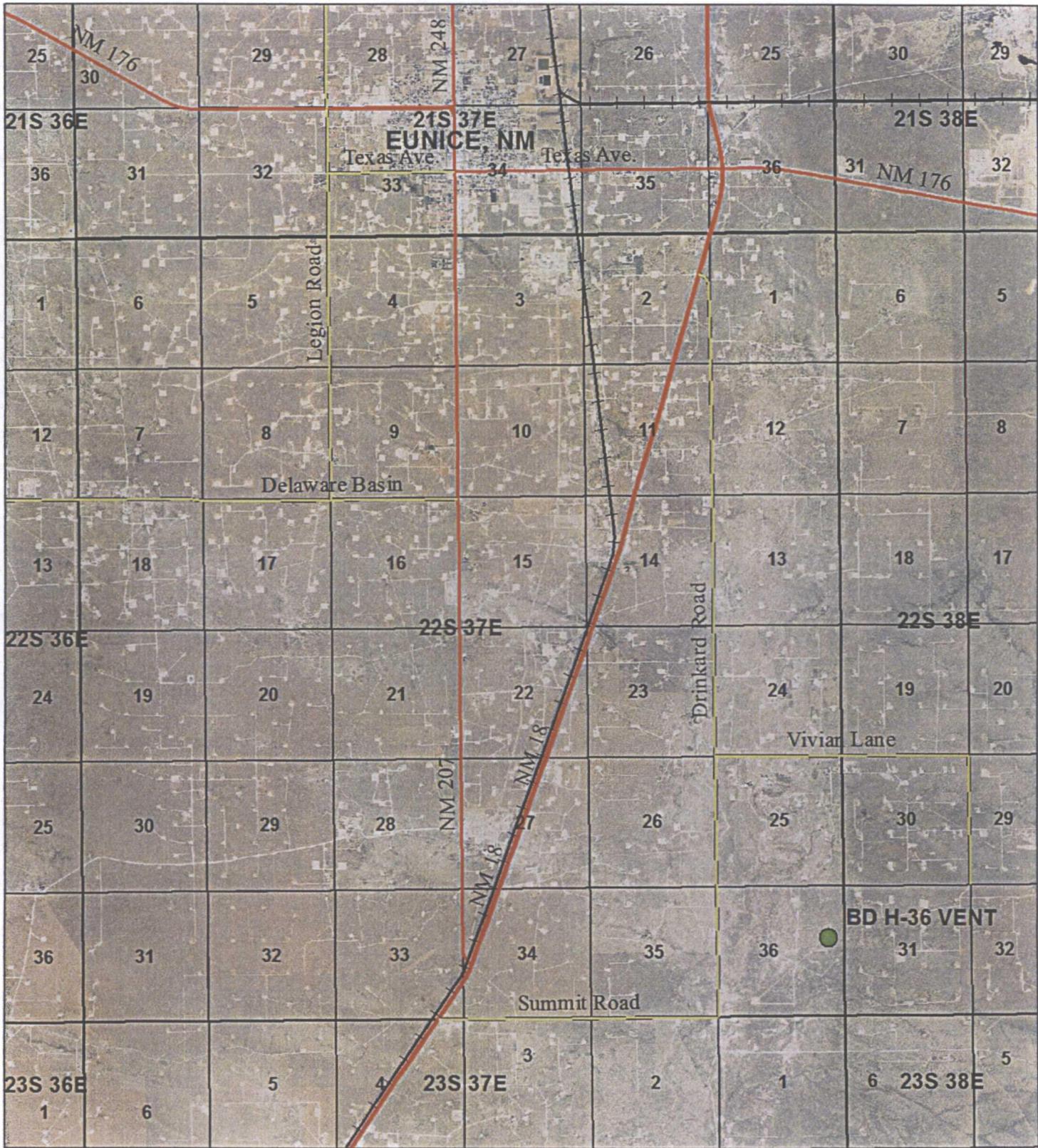
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REPORT ASSEMBLED BY Laura Peña SIGNATURE *Laura Peña* COMPANY Rice Operating

SITE SUPERVISOR Oscar Frayre SIGNATURE Not Available COMPANY Rice Environmental Consulting & Safety

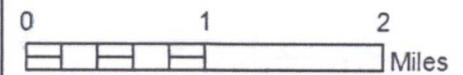
PROJECT LEADER Zach Conder SIGNATURE *Zach Conder* DATE 3-13-13

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



BD H-36 VENT

UL/H SECTION 36
T-22-S R-37-E
LEA COUNTY, NM



Drawing date: 11/7/12
Drafted by: Tony Grieco

BD H-36 Vent

UL/H Sec.36 (T22S-R37E)



Site prior, facing north

10/3/2011



Excavating site, facing east

4/16/2012



Collecting sample, facing east

4/16/2012



Exporting soil, facing southeast

4/20/2012



Installing 30x20, 20 mil reinforced liner @
6' bgs, facing east

4/23/2012



Site complete, facing south

4/25/2012



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

April 18, 2012

ZACH CONDER

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD H-36 VENT (22/37)

Enclosed are the results of analyses for samples received by the laboratory on 04/16/12 16:15.

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/ca/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, prominent initial "C".

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:	04/16/2012	Sampling Date:	04/16/2012
Reported:	04/18/2012	Sampling Type:	Soil
Project Name:	BD H-36 VENT (22/37)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 5 PT BOTTOM (H200871-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	04/18/2012	ND	416	104	400	0.00	
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	04/17/2012	ND	183	91.5	200	0.212	
DRO >C10-C28	113	10.0	04/17/2012	ND	194	97.0	200	0.820	
<i>Surrogate: 1-Chlorooctane</i>	93.8 %	55.5-154							
<i>Surrogate: 1-Chlorooctadecane</i>	102 %	57.6-158							

Sample ID: 4 WALL (H200871-02)

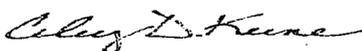
Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	04/18/2012	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/17/2012	ND	183	91.5	200	0.212	
DRO >C10-C28	76.8	10.0	04/17/2012	ND	194	97.0	200	0.820	
<i>Surrogate: 1-Chlorooctane</i>	86.0 %	55.5-154							
<i>Surrogate: 1-Chlorooctadecane</i>	86.5 %	57.6-158							

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Cardinal Laboratories

*=Accredited Analyte

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Caley 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:	04/16/2012	Sampling Date:	04/16/2012
Reported:	04/18/2012	Sampling Type:	Soil
Project Name:	BD H-36 VENT (22/37)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 8 PT BLENDED BACKFILL (H200871-03)

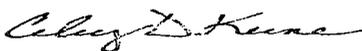
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5760	16.0	04/18/2012	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/18/2012	ND	183	91.5	200	0.212		
DRO >C10-C28	49.9	10.0	04/18/2012	ND	194	97.0	200	0.820		
Surrogate: 1-Chlorooctane	79.5 %	55.5-154								
Surrogate: 1-Chlorooctadecane	77.4 %	57.6-158								

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* = Accredited Analyte

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Celestine D. Keene, Lab Director/Quality Manager

Notes and Definitions

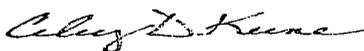
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on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

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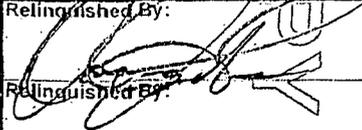
Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <i>Rein Operating</i>		BILL TO		ANALYSIS REQUEST																							
Project Manager: <i>Zach Corral</i>		P.O. #:																									
Address: <i>1323 West Taylor</i>		Company:																									
City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i>		Attn:																									
Phone #: Fax #:		Address:																									
Project #: Project Owner:		City:																									
Project Name:		State: Zip:																									
Project Location: <i>BD H-34 Vent 22.37</i>		Phone #:																									
Sampler Name: <i>Oscar Enrique</i>		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	# GRAB OR (C)OMP. CONTAINERS	MATRIX													PRESERV.	SAMPLING		<i>CLC T/A 8015 m</i>								
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME														
<i>H200871</i>																											
<i>1</i>	<i>5pt Bottom</i>	<i>C</i>		<i>X</i>				<i>X</i>			<i>4-16-12</i>	<i>3:20</i>															
<i>2</i>	<i>4 WALL</i>	<i>C</i>		<i>X</i>				<i>X</i>			<i>4-16-12</i>	<i>3:30</i>															
<i>3</i>	<i>8pt Blended Backfill</i>	<i>C</i>		<i>X</i>				<i>X</i>			<i>4-16-12</i>	<i>3:40</i>															

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Relinquished By: 	Date: <i>4-16-12</i> Time: <i>4:15</i>	Received By: <i>Jodi Benson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool/Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) <i>AT</i>
REMARKS: <i>Hack, Zach, Kati, Laura, Oscar, Bruce Email Gregoire please</i>			

RICE ENVIRONMENTAL CONSULTING & SAFETY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

CK.		MODEL: PGM 7300	SERIAL NO: 590-000508
MODEL		MODEL: PGM 7300	SERIAL NO: 590-000504
NO.	X	MODEL: PGM 7320	SERIAL NO: 592-903318
		MODEL: PGM 7300	SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: HAL-248-100-1	EXPIRATION DATE: 7/1/2015
METER READING ACCURACY: 100	

ACCURACY : +/- 2%

COMPANY
RICE OPERATING

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	H-36 vent	H	36	22S	37E

SAMPLE ID	PID	SAMPLE ID	PID
4-WALL COMPOSITE	1.1		
BOTTOM COMPOSITE	2.1		
BLENDED BACKFILL	0.9		

COPY

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

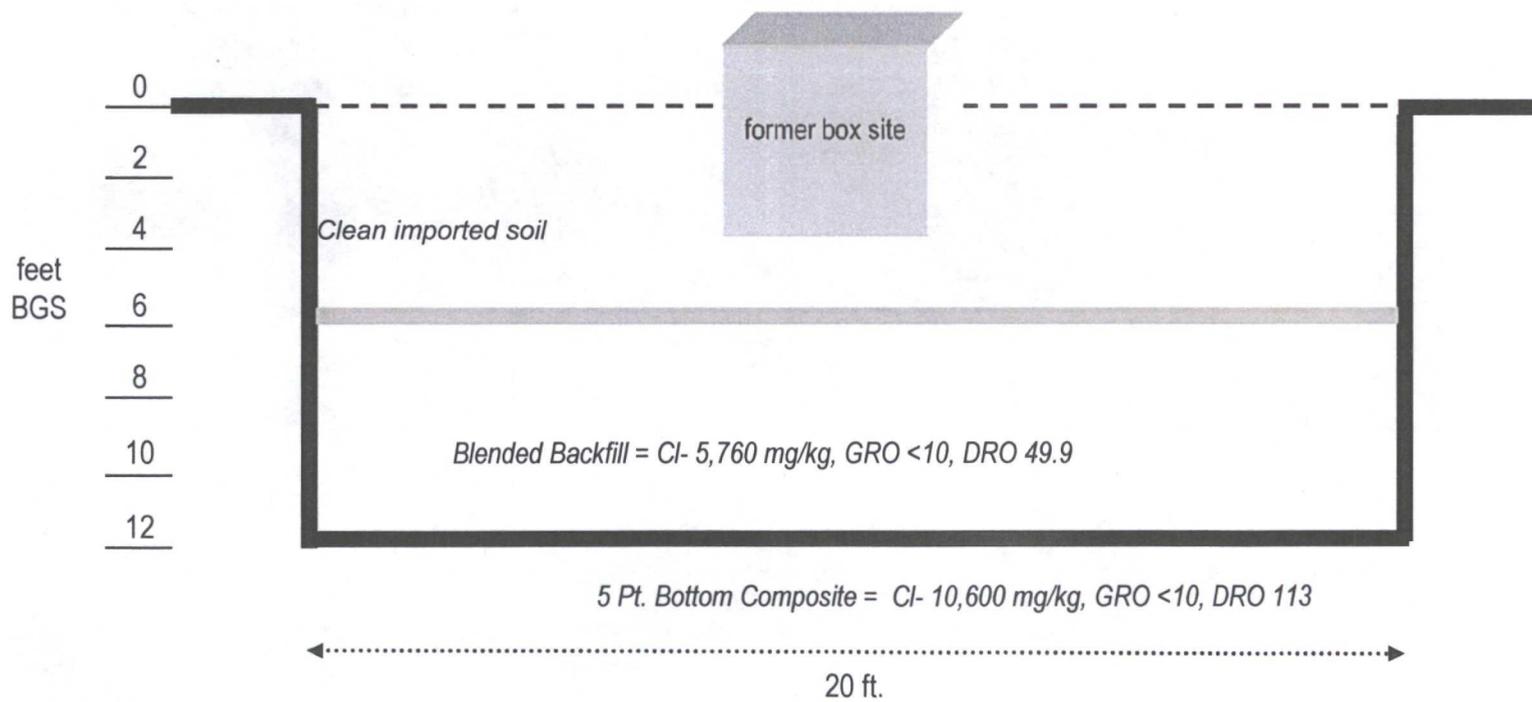
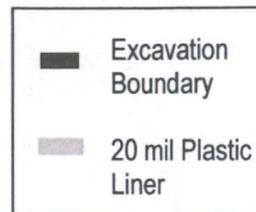
SIGNATURE: _____ Not Available _____ DATE: _____ 4/16/2012 _____

BD H-36 vent
Unit 'H', Sec. 36, T22S, R37E

Excavation Cross-Section

N

S

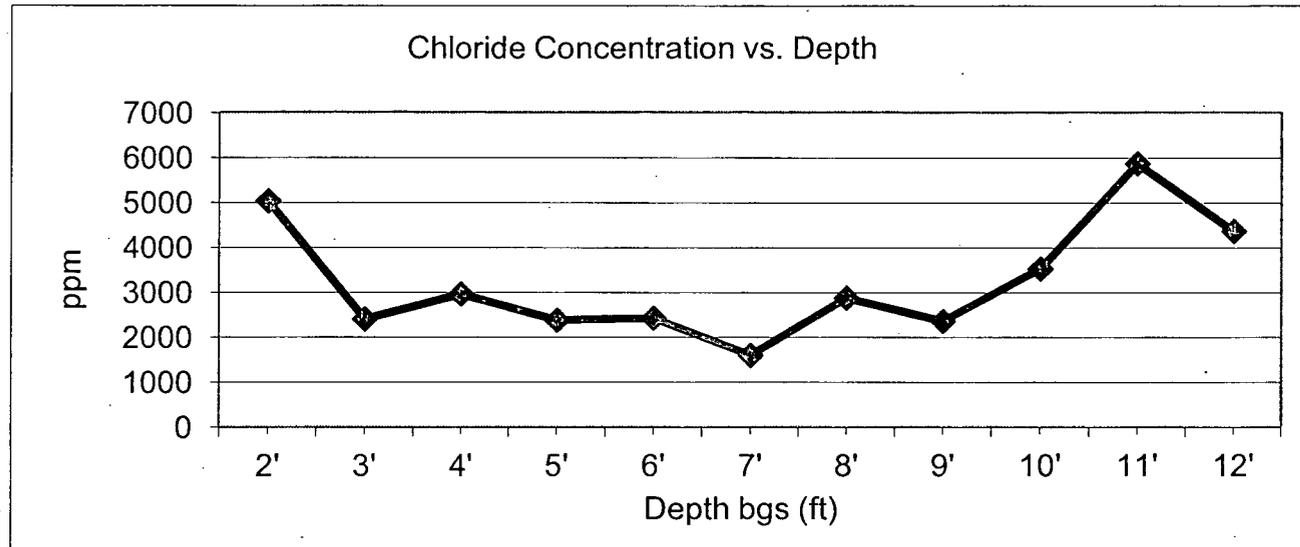


BD H-36 vent

Unit 'H', Sec. 36, T22S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
2'	5041
3'	2411
4'	2970
5'	2390
6'	2433
7'	1607
8'	2885
9'	2366
10'	3537
11'	5881
12'	4378



Groundwater = 41 ft



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

VEGETATION FORM

1. General Information

Site name: BD H-36 VENT						
U/L H	Section 36	Township 22S	Range 37E	County Lea	Latitude 32° 20' 52.6" N	Longitude 103° 7' 2.3" W
Contact Name: Zack Conder						
Email: zconder@rice-ecs.com						
Site size: 8,364		square feet		Map detail of site attached <input type="checkbox"/>		
Additional information: The excavation is backfilled with salvaged and imported soil.						

2. Soils

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

Salvaged from site <input checked="" type="checkbox"/>	Bioremediated <input type="checkbox"/>	Imported <input checked="" type="checkbox"/>	Blended <input type="checkbox"/>	Depth (in):	
Texture: Sandy		Describe soil & subsoil: Blow sand and subsoil caliche			
Soil prep methods: Rip <input type="checkbox"/>	Depth(in):	Disc <input type="checkbox"/>	Depth (in):	Rollerpack <input type="checkbox"/>	
Date completed: 4-25-12					

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: LEA COUNTY MIX	Seeding date: 4/25/2012
Broadcast <input checked="" type="checkbox"/>			
Method: Portable seeder			
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: OSCAR FRAYRE	Title: Environmental Tech.	Date: 4-25-12
Signature: Not Available		

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