

1R - 427-367

REPORTS

DATE:

4-10-12

1R427-367
RECEIVED OGD
2012 MAY -1 P 1:50

EME P-18 EOL
2011

DISCLOSURE

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

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	P-18 EOL	P	18	19S	37E	Lea	Eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 35 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 1/26/2011 Date Completed 2/14/2011 OCD Witness No

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

Soil Disposed None cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 2/14/2011 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.	5.7	82.3	1,100	16
BOTTOM COMP.	5.7	76.0	1,780	16
BLENDED BACKFILL	6.7	76.3	1,080	16

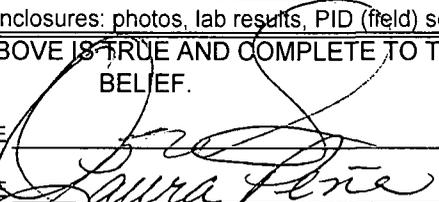
CHLORIDE FIELD TESTS		
LOCATION	DEPTH	mg/kg
background	6"	148
4-WALL Comp	n/a	148
Bottom Comp	12'	148
Blended Backfill	n/a	151
Vertical delineation trench at the former junction (source)	3'	111
	4'	146
	5'	140
	6'	84
	7'	149
	8'	116
	9'	118
	10'	122
	11'	94
	12'	90

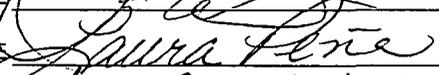
General Description of Remedial Action: This junction box and line were eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 10x10x12 ft deep excavation. Chloride field tests were performed on soil samples which yielded low chloride. Organic vapors were measured using a PID which yielded elevated concentrations. The excavated soil was blended on site and representative composite samples were collected from the excavation walls, the excavation bottom, and the blended backfill. The samples were sent to a commercial laboratory for analysis of chloride and TPH. Sample analysis showed elevated levels of TPH. The excavation was backfilled with the blended soil to ground surface and contoured to the surrounding area. On 3/2/2012, 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 3/13/2012.

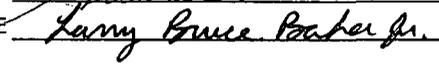
ADDITIONAL EVALUATION IS HIGH PRIORITY

Enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form

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

SITE SUPERVISOR Oscar Frayre SIGNATURE 

REPORT ASSEMBLED BY Laura Peña SIGNATURE 

PROJECT LEADER Larry Bruce Baker, Jr. SIGNATURE 

COMPANY RICE OPERATING COMPANY

DATE 4-10-12

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

EME P-18 EOL

Unit P, Section 18, T19S, R37E



Excavating site

1.26.11



Collecting sample

2.14.11



Blending backfill

2.14.11



Seeding site

3.2.12



February 18, 2011

Hack Conder
Rice Operating Company
112 W. Taylor
Hobbs, NM 88240

RE: EME P-18 EOL (19/37)

Enclosed are the results of analyses for samples received by the laboratory on 02/15/11 8:09.

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
Hack Conder
112 W. Taylor
Hobbs NM, 88240
Fax To: (575) 397-1471

Received:	02/15/2011	Sampling Date:	02/14/2011
Reported:	02/18/2011	Sampling Type:	Soil
Project Name:	EME P-18 EOL (19/37)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 4 WALL COMP (H100299-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/16/2011	ND	416	104	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	82.3	50.0	02/15/2011	ND	206	103	200	1.92		
DRO >C10-C28	1100	50.0	02/15/2011	ND	213	107	200	1.36		

Surrogate: 1-Chlorooctane 107 % 70-130
Surrogate: 1-Chlorooctadecane 104 % 70-130

Sample ID: 5 PT BOTTOM COMP (H100299-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/16/2011	ND	416	104	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	76.0	50.0	02/15/2011	ND	206	103	200	1.92		
DRO >C10-C28	1780	50.0	02/15/2011	ND	213	107	200	1.36		

Surrogate: 1-Chlorooctane 110 % 70-130
Surrogate: 1-Chlorooctadecane 104 % 70-130

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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
 Hack Conder
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

Received: 02/15/2011
 Reported: 02/18/2011
 Project Name: EME P-18 EOL (19/37)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 02/14/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BLENDED BACKFILL COMP (H100299-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/16/2011	ND	416	104	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	76.3	50.0	02/15/2011	ND	206	103	200	1.92		
DRO >C10-C28	1080	50.0	02/15/2011	ND	213	107	200	1.36		

Surrogate: 1-Chlorooctane 105 % 70-130
 Surrogate: 1-Chlorooctadecane 98.2 % 70-130

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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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

Company Name: <i>Alice</i>		BILL TO				ANALYSIS REQUEST																				
Project Manager: <i>Heidi Conde</i>		P.O. #:																								
Address: <i>1225074/ha</i>		Company:																								
City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i>		Attn:																								
Phone #: Fax #:		Address:																								
Project #: Project Owner:		City:																								
Project Name: <i>EMF P-18 EOL 19.37</i>		State: Zip:																								
Project Location:		Phone #: Fax #:																								
Sampler Name: <i>Debra Frayer</i>		Fax #:																								
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING																		
Lab I.D.	Sample I.D.	(C)PAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME												
<i>H100299-1</i>	<i>4 WALL Camp</i>	<i>C</i>			<i>X</i>								<i>2-14-11</i>	<i>5:55</i>	<i>X</i>	<i>X</i>										
<i>2</i>	<i>5.27 Butte Camp</i>	<i>C</i>			<i>X</i>								<i>2-14-11</i>	<i>1:45</i>	<i>X</i>	<i>X</i>										
<i>3</i>	<i>Blended Backfill Camp</i>	<i>C</i>			<i>X</i>								<i>2-14-11</i>	<i>2:30</i>	<i>X</i>	<i>X</i>										

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Relinquished By: <i>Debra Frayer</i>	Date: <i>2-14-11</i> Time: <i>8:09</i>	Received By: <i>Heidi Conde</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>Heidi</i>	REMARKS: <i>1) Condon E-1000-224-1000 2) Blended E-1000-224-1000 3) Blended E-1000-224-1000</i>

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

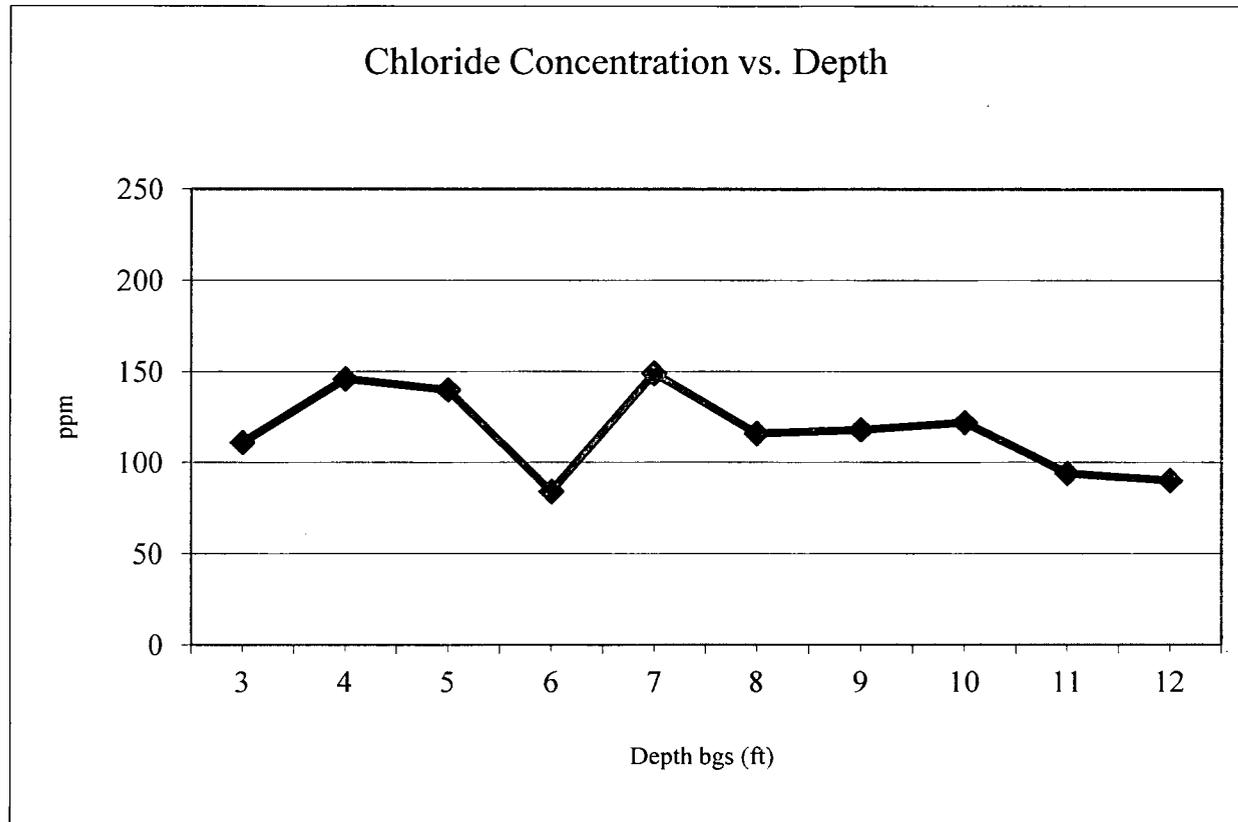
EME P-18 EOL

Unit 'P', Sec. 18, T19S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
3	111
4	146
5	140
6	84
7	149
8	116
9	118
10	122
11	94
12	90

Groundwater = 35 ft





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

VEGETATION FORM

1. General Information

Site name: EME P-18 EOL						
U/L P	Section 18	Township 19S	Range 37E	County Lea	Latitude N 32*.65721'	Longitude W 103*28417'
Contact Name: Zack Conder						
Email: zconder@rice-ecs.com						
Site size: 2,200 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 checked="" type="checkbox"/>	Bioremediated <input type="checkbox"/>	Imported <input 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:				

3. Bioremediation

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

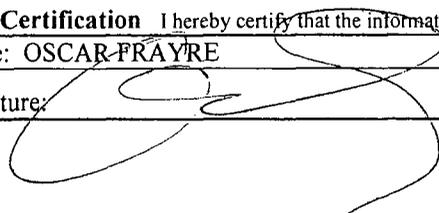
4. Seeding

**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: 2 lbs blue grama	Seedingdate: 3-2-11
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 checked="" 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 PRAYRE	Title: Environmental Tech.	Date: 3-2-11
Signature: 		

COPY