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REPORTS

UAIE: 4-10-12



EME Jct. H-27 2011

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.

CLOSURE

,

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240 Phone: (575) 393-9174 • Fax: (575) 397-1471

May 1, 2012

Mr. Edward Hansen New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

RE: Termination Request EME Jct. H-27: UL/H, Sec. 27, T19S, R36E RICE Operating Company – Eunice Monument Eumont SWD System

Mr. Hansen:

Rice Operating Company (ROC) is the service provider (agent) for the EME Saltwater Disposal (SWD) System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Background

In 2011, ROC initiated work on the former H-27 junction box. The site is located in UL/H, Sec. 27, T19S, R36E. NM OSE records indicate that groundwater would likely be encountered at a depth of approximately 49 +/- feet. The site was delineated using a backhoe to collect soil samples at regular intervals, creating a 3x7x12-ft deep excavation. Each sample was field titrated for chlorides and field screened using a PID for hydrocarbons, resulting in low concentrations of each. The 12-ft sample was sent to a commercial laboratory for analysis of chloride and TPH, resulting in a chloride concentration of 224 mg/kg, and concentrations of gasoline range organics (GRO) and diesel range organics (DRO) below detectable limits. The excavated soil was returned to the excavation and contoured to the surrounding area. On 3/12/2012, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. The junction box final report, photo documentation, laboratory analysis, PID sheet, chloride graph and revegetation form are attached.

Recommendations

Site investigation demonstrates that residual chloride and hydrocarbons in the vadose zone will not with reasonable probability contaminate groundwater in excess of NMOCD standards. This site meets the requirements of the NMOCD-approved Revised Junction

Box Upgrade Work Plan (July 16, 2003). As such, ROC request termination of the regulatory file, or similar closure status.

Please contact me at (575)393-9174 if you have any questions or wish to discuss this site. Thank you for your time and consideration.

Sincerely, RICE Operating Company

Hack Conder Environmental Manager

enclosures

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

SWD SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE COUNTY BOX DIMENSIONS - FEET Eumoni (EME) Jat. H-27 H 27 19S 36E Lea Imminiation - Depin LAND TYPE: BLM STATE X FEE LANDOWNER OTHER - Depth to Groundwater 49 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20 Date Started 6/30/2011 Date Completed 1/17/2012 OCD Witness No Soil Excavated 9.3 cubic yards Excavation Length 3 Width 7 Depth 12 FINAL ANALYTICAL RESULTS: Sample Date 8/2/2011 Sample Depth 12' TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. 12' Sample PID (field) GRO DRO Chloride 12' General Description of Remedial Action: This junction was eliminated 1' 90 during the pipeline replacement/luggrade program. This junction was beformed on achievalue and contoured to the background sample organic 3' 102 regular intervals crea					BOX LOCA	TION					
Eurone (EME) Jet. H-27 H 27 19S 36E Lea Long Weith Depth LAND TYPE: BLMSTATE_X FEE LANDOWNER OTHER	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNT	Y BOX D	IMENSIONS -	FEET	
Eumon(EME) Elminated LAND TYPE: BLMSTATE_XFEE LANDOWNEROTHER	Eunice Monument	Jct. H-27	н	27	19S	36E	Lea	Length	Width	De	pth
LAND TYPE: BLMSTATE_XFEE LANDOWNEROTHER	Eumont (EME)								Eliminated		
Depth to Groundwater 49 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20 Date Started 6/30/2011 Date Completed 1/17/2012 OCD Witness No Soil Excavated 9.3 cubic yards Excavation Length 3 Width 7 Depth 12 feet Soil Disposed None cubic yards Offsite Facility n/a Location n/a FINAL ANALYTICAL RESULTS: Sample Date 8/2/2011 Sample Depth 12' TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. CHLORIDE FIELD TESTS Source 12' GRAB 0.4 <10.0	LAND TYPE: B	_M	STATE X	FEE LA	NDOWNER			OTHER			·
Date Started 6/30/2011 Date Completed 1/17/2012 OCD Witness No Soil Excavated 9.3 cubic yards Excavation Length 3 Width 7 Depth 12 feet Soil Disposed None cubic yards Offsite Facility n/a Location n/a FINAL ANALYTICAL RESULTS: Sample Date 8/2/2011 Sample Depth 12' TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. CHLORIDE FIELD TESTS Source 12' GRAB 0.4 <10.0	Depth to Ground	dwater	49	feet	NMOCD	SITE ASS	ESSMEN	IT RANKING'S	CORE:	20	
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Soil Disposed vubic yards Offsite Facility n/a Location n/a FINAL ANALYTICAL RESULTS: Sample Date 8/2/2011 Sample Depth12' TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. <u>Sample PID (field) GRO ppm mg/kg mg/kg SOURCE 12' GRAB 0.4 <10.0 <10.0 224</u> <u>CHLORIDE FIELD TESTS LOCATION DEPTH mg/kg 3/3 102</u> <u>General Description of Remedial Action:</u> This junction 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 creating a 3X7X12-ft. deep excavation. Chloride field tests performed on each sample yielded concentrations similar to that of the background sample. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and trench at the 7' 390 (source) 8' 3223 (source) 9' 260 (source) 11' 166 (source) 11' 166 (source) 12' 142	Soil Excavated	9.3	cubic ya	rds Exc	cavation Le	ength 3	Wi	dth7	Depth	12	feet
FINAL ANALYTICAL RESULTS: Sample Date 8/2/2011 Sample Depth 12' TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample PID (field) GRO DRO Chloride Marking Marking	Soil Disposed	None	cubic ya	rds Of	fsite Facility	n	1/a	Location	n	/a	
TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample PID (field) GRO DRO Chloride mg/kg SOURCE 12' GRAB 0.4 <10.0	FINAL ANALYTI		SULTS:	Sampl	e Date	8/2/201	1	Sample De	epth	12'	
Sample LocationPID (field) ppmGRO mg/kgDRO mg/kgChloride mg/kgSOURCE 12' GRAB0.4<10.0		TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.									
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SOURCE 12' GRAB 0.4 <10.0 <10.0 224 General Description of Remedial Action: This junction 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 creating a 3X7X12-ft. deep excavation. Chloride field tests performed on each sample yielded concentrations similar to that of the background sample. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The excavation was backfilled with excavated 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. enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	Location	ppm	m	g/kg	mg/kg	mg/kg		LOCATION	DEPTH	1	mg/kg
General Description of Remedial Action: This junction 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 4' regular intervals creating a 3X7X12-ft. deep excavation. cach sample yielded concentrations similar to that of the background sample. Organic vapors were measured using a PID, which yielded low concentrations. The deepest 5' sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and 7' TPH, which confirmed low concentrations of each. The excavation was backfilled with 9' excavated 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 1' productive capacity at a normal rate. 11' enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	SOURCE 12' GRAE	0.4	<1	0.0	<10.0	224		background	6"		53
General Description of Remedial Action: This junction 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 3' regular intervals creating a 3X7X12-ft. deep excavation. Chloride field tests performed on each sample yielded concentrations similar to that of the background sample. Organic 5' vapors were measured using a PID, which yielded low concentrations. The deepest 6' sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and 7' TPH, which confirmed low concentrations of each. The excavation was backfilled with 9' excavated soil to ground surface and contoured to the surrounding area. On 3/2/2012, 10' the site was seeded with a blend of native vegetation and is expected to return to a 11' productive capacity at a normal rate. 12' enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form									1'		90
during the pipeline replacement/upgrade program. After the former junction box was 3' 102 removed, an investigation was conducted using a backhoe to collect soil samples at 4' 88 regular intervals creating a 3X7X12-ft. deep excavation. Chloride field tests performed on 5' 57 each sample yielded concentrations similar to that of the background sample. Organic 6' 399 vapors were measured using a PID, which yielded low concentrations. The deepest junction 8' 323 TPH, which confirmed low concentrations of each. The excavation was backfilled with 9' 260 excavated soil to ground surface and contoured to the surrounding area. On 3/2/2012, 10' 170 the site was seeded with a blend of native vegetation and is expected to return to a 11' 166 productive capacity at a normal rate. 12' 142	General Description	of Remedi	al Action:	This junction	on was elimin	ated			2'		80
removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals creating a 3X7X12-ft. deep excavation. Chloride field tests performed on each sample yielded concentrations similar to that of the background sample. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The excavation was backfilled with excavated 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. enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	during the pipeline replac	ement/upgra	ade program	. After the fo	rmer junctior	box was			3'		102
regular intervals creating a 3X7X12-ft. deep excavation. Chloride field tests performed on vertical 5' 57 each sample yielded concentrations similar to that of the background sample. Organic vapors were measured using a PID, which yielded low concentrations. The deepest 6' 399 sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and 7' 390 TPH, which confirmed low concentrations of each. The excavation was backfilled with 8' 323 excavated soil to ground surface and contoured to the surrounding area. On 3/2/2012, 10' 170 the site was seeded with a blend of native vegetation and is expected to return to a 11' 166 productive capacity at a normal rate. 12' 142	removed, an investigation	was condu	cted using a	backhoe to c	collect soil sa	mples at			4'		88
each sample yielded concentrations similar to that of the background sample. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The excavation was backfilled with excavated 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. enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	regular intervals creating	a 3X7X12-ft	. deep excav	ation. Chlori	de field tests	performed o	n	vertical	5'		57
vapors were measured using a PID, which yielded low concentrations. The deepest trench at the sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and 7' 390 TPH, which confirmed low concentrations of each. The excavation was backfilled with 8' 323 excavated soil to ground surface and contoured to the surrounding area. On 3/2/2012, 9' 260 the site was seeded with a blend of native vegetation and is expected to return to a 11' 166 productive capacity at a normal rate. 12' 142	each sample yielded con	centrations s	similar to that	t of the back	ground samp	le. Organic		delineation	6'		399
sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and Junction TPH, which confirmed low concentrations of each. The excavation was backfilled with 9' 260 excavated soil to ground surface and contoured to the surrounding area. On 3/2/2012, 10' 170 the site was seeded with a blend of native vegetation and is expected to return to a 11' 166 productive capacity at a normal rate. 12' 142	vapors were measured u	sing a PID, v	which yielded	l low concent	rations. The	deepest		trench at the	7'		390
TPH, which confirmed low concentrations of each. The excavation was backfilled with 9' 260 excavated soil to ground surface and contoured to the surrounding area. On 3/2/2012, 10' 170 the site was seeded with a blend of native vegetation and is expected to return to a 11' 166 productive capacity at a normal rate. 12' 142 enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	sample, 12 ft. BGS, was	sent to a co	mmercial lab	oratory for a	nalysis of chlo	oride and		Junction	8'		323
excavated 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. enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	TPH, which confirmed low	v concentral	ions of each	. The excavat	tion was back	 kfilled with	-	(source)	9'		260
the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. 11' 166 12' 142 enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	excavated soil to ground	surface and	contoured to	the surround	ding area. Or	n 3/2/2012,	—		10'		170
productive capacity at a normal rate.	the site was seeded with	a blend of n	ative vegeta	tion and is ex	pected to ret	urn to a			11'		166
enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form	productive capacity at a r	ormal rate.			·				12'		142
enclosures: photos, lab results, PID (field) screenings, chloride graph, revegetation form			· · · · · · · · · · · · · · · · · · ·	<u> </u>			L				
			or	oclosures: n	hotos lah r	esulte PID /	(field) scr	eenings chlorid	te aranh re	vorat	ation form
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VE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE
AND BELIEF.
De Za
Sulli COMPANY RICE OPERATING COMPANY
DATE 4-10-12
DATE Y-10-12

EME Jct. H-27 Unit H, Section 27, T19S, R36E



Site prior to excavation, facing north

6.30.11



Collecting sample, facing west

8.2.11



Final excavation

6.30.11



Seeding site, facing east

3.2.12

CARDINAL Laboratories

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

August 08, 2011

Bruce Baker Rice Operating Company 112 W. Taylor

Hobbs, NM 88240

RE: EME H-27

Enclosed are the results of analyses for samples received by the laboratory on 08/03/11 8:01.

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 Hydorcarbons

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

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 (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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager





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Analytical Results For:

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

Received:	08/03/2011	Sampling Date:	08/02/2011
Reported:	08/08/2011	Sampling Type:	Soil
Project Name:	EME H-27	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOURCE @ 12' (H101606-01)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: HM		·····			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/03/2011	ND	432	108	400	3.64	
TPH 8015M	015M mg/kg		Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/05/2011	ND	176	87.9	200	1.16	
DRO >C10-C28	<10.0	10.0	08/05/2011	ND	163	81.6	200	1.19	
Surrogate: I-Chlorooctane	101 9	% 70-130)						
Surrogate: 1-Chlorooctadecane	106	% 70-130	1						



Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, 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 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 use, or loss of profits incurred by client, its subsidiaries, affiliates or successors ansing out of or related to the performance of the services hereunder by Cardinal, negarcless 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

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



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

Notes and Definitions

 ND
 Analyte NOT DETECTED at or above the reporting limit

 RPD
 Relative Percent Difference

 **
 Samples not received at proper temperature of 6°C or below.

 Insufficient time to reach temperature.

 Chloride by 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

COPY

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 whatscever 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 ansing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based to extend teasors or otherwise. Results relate only to the tample identified above. This proof shall not be report shall not extend to service.

Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 Eas (505)	t Marland, Hobbs, NM 882 393-2326 FAX (505) 393-24	40 2 76 (211 (325	1 Pee 5) 673	actra 3-70	100 1	d, At FAX	(32)	1e, 5)67	1 X 7 3-7	79603											
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Project Manager: 🖉 r	uce Baker						<i>Γ.</i> (0. #:				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
Address: 12.2. (c)	Taylor						Co	mpa	any :			,						ľ				.
City: MU665	State: NA	Zlp:	Ş	82	ぐり		٨t	tn:														
Phone #: 575 - 39	73-9174 Fax#: 575	- 39	7.		71		Ad	Idre	5s:	********	4. -	· · · · · · · · · · · · · · · · · · ·			Ì							
Project #:	Project Owner	:					CI	ty:							Ì						1	
Project Name: EME	17-27						St	ate:			Zip:											
Project Location:							Pł	10118	#:					5								
Sampler Name: //aK	Hannis						Fa	x #:						X						1		
PCR 149 USE ONLY					MAT	RIX		PR	ESE	RV	SAMPLI	NG		2								
Lab I.D. HIO11006 -1 500	Sample I.D.	The second		GRCUNEWATER WASTER		01	SLUDGE	ACID/IJASE	CE/CON	CTHER:	DATE 8-2-))	тіме 4:23	70 10 10 10	as Hdl >								
FLEASE NOTE: Liability and Damages.	Cardina's liability and cheefs exclusive remody for	eny clein	a wish	1.0.1.0.0. 1.0.1.0.0.0.0.0.0.0.0.0.0.0.0	1. p.54	5 IN 221	เสราะร่างกา เหลือป อยุไ	lert, sin	il be li	harana heltod	to the emount pol	d by the client b	ir lite	L	1	L		1		*******		
analyses, All claims, including these for a secular, in no event shell. Carding the tim attributes of successory sublim and of sec	replipence and any other caused database we shall be bie for included or consequential depugget, includin	deemed g with tui Taa itaan	l weive Nerthe Combe	d Holest Kon, busi duan atu	mada k Konstiku Konstiku	n strillin In rute i	o and rei ons, iose lates to bi	orlyed) of use	by Car: , et las	đnatv gina v gina v	uthin 30 days affe rolls incur sri by -	et completion of t cliant, its subsidi	the acplice actes	-5le					•			
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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RICE ENVIRONMENTAL CONSULTING & SAFETY

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

CK.	
MODEL	
NO.	

MODEL: PGM 7300 MODEL: PGM 7300 MODEL: PGM 7320 MODEL: PGM 7300
 SERIAL NO:
 590-000508

 SERIAL NO:
 590-000504

 SERIAL NO:
 592-903318

 SERIAL NO:
 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : EXPIRATION DATE: METER READING ACCURACY:

ACCURACY : +/- 2%

COMPANY RICE

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	JCT. H-27	<u>H</u>	27	T19S	R36E

SAMPLE ID	PID	SAMPLE ID	PID
6'	13.2		
7'	22.9		
01	124.0		
6	134.9	· · · · · · · · · · · · · · · · · · ·	
ÿ'	68.2		
10'	4	······································	
11'	0.5		+
12'	0.4		
		GOD	M
			Ľ

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

SIGNATURE:

Rachert Comp

DATE: \$-2-2011

EME Jct. H-27

Unit 'H', Sec. 27, T19S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[Ĉl] ppm
1	90
2	80
3	102
4	88
5	57
6	399
7	390
8	323
9	260
10	170
11	166
12	142

Groundwater = 49 ft





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

VEGETATION FORM

Longitude

W-103*20.074"

Depth (in):

1. General I	Information					
Site name:	EME Jct. H	-27				
U/L	Section	Township	Range	County	Latitude	
H	27	19S	36E	Lea	N-32*38.045'	
Contact Name:	Zack Conder					
Email: zconde	r@rice-ecs.co	<u>nı</u>				
Site size: 1,288		square feet	Map detai	l of site attache	d 🗌	
Additional info	rmation:					
2. Soils	*Do not r	ip caliche subsoils;	caliche rocks bro	ought to the surfa	ace by ripping shall be	e removed
Salvaged from	site 🛛 🛛 Bio	oremediated	Imported	Blend	led 🗌	Depth (in
Texture: Sandy	y De	scribe soil & subs	soil: Blow sand	and subsoil ca	liche	
Soil prep metho	ods: Rip 🗌	Depth(in): Disc	Depth	(in): Rolle	erpack 🗌
Date completed	1:					

3. Bioremediation

Fertilizer	Hay 🗌	Other 🗌
Туре:		Describe:
Lbs/acre:		

4. Seeding	*Attach seed bag tags to th	is form. Seed bag tag	zs shall contain the site	e name and S-T-R.	
Custom seed mix 🛛	Prescribed mix	Seed mix name:	11b Blue Grama	Seeding date:	3-2-12
Broadcast 🛛					
Method: Portable se	eder				

Soil conditions during seed	ng: Dry	Damp	Wet	 	
Photos attached 🔀	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:3-2-12

Signature:

COP