

1R - 427-233

APPROVALS
& 11.12.13 REPORT

YEAR(S):

20 ~~13~~ 14

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Tuesday, April 01, 2014 9:14 AM
To: Hack Conder (hconder@riceswd.com)
Cc: kjones@riceswd.com
Subject: Approved Termination Request (1R-427-233) - EME Cooper 'E' EOL

Importance: High

Termination Request Approved for the EME Cooper 'E' EOL (1R427-233) Unit Letter A Section 4, T20S, R37E, NMPM, Lea County, New Mexico

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received RICE Environmental 's Request to terminate the above-referenced site, dated November 12, 2013. The termination request is acceptable to the OCD.

The above-referenced report, submitted in accordance with 19.15.29 NMAC (Rule 29; formally, Rule 116), indicates that Rice Environmental has met the requirements of 19.15.29 NMAC; therefore, the OCD approves the report and hereby notifies you that the remediation plan (1R-427-233) is terminated in accordance with 19.15.29 NMAC.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3492.

Leonard Lowe

Environmental Engineer
[Environmental Bureau]

Oil Conservation Division/Energy Minerals and Natural Resources Department

1220 South St. Frances

Santa Fe, New Mexico 87004

Office: 505-476-3492

E-mail: leonard.lowe@state.nm.us

D.2

Rice Environmental Consulting & Safety

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

CERTIFIED MAIL
RETURN RECEIPT NO. 7007 2560 0000 4569 9109

November 12, 2013

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 Cooper 'E' EOL (1R427-233): UL/A, Sec. 4, T20S, R37E
RICE Operating Company – Eunice Monument Eumont (EME) SWD System

Mr. Hansen:

RICE Operating Company (ROC) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site in the EME Salt Water Disposal (SWD) system. ROC is the service provider (agent) for the EME 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 2006, ROC initiated work on the former EME Cooper 'E' EOL junction box. The site is located in UL A, Sec. 4, T20S, R37E. NM OSE records indicate that groundwater would likely be encountered at a depth of approximately 27 +/- feet. The site was delineated using a backhoe to form a 25x20x12-ft deep excavation and soil samples were screened at regular intervals for both hydrocarbons and chlorides. Each sample was field titrated for chlorides and screened for TPH, resulting in concentrations that relented with depth. The excavated soil was blended on site and representative samples of the sidewalls, bottom and backfill were sent to a commercial laboratory for analysis, resulting in a sidewalls chloride concentration of 528 mg/kg, a bottom chloride concentration of 528 mg/kg and a remediated backfill chloride concentration of 944 mg/kg. Concentrations of gasoline range organics (GRO) and diesel range organics (DRO) were below detectable limit throughout. The excavation was backfilled with the excavated soil to 2 ft below ground surface (bgs). The remaining excavation was backfilled with clean imported soil to ground surface and contoured to the surrounding area. On 2/2/2007, the site was seeded with a blend of native vegetation. A junction box is no longer needed at this site.

To further investigate the depth of chloride presence, a soil bore was initiated on September 25, 2013 at 11-ft northeast of the former junction box site. The boring was advanced to a depth of 24-ft below bgs with soil samples collected every 3 ft. Each sample was field titrated for chlorides and field screened using a PID for hydrocarbons, resulting in concentrations that decreased with depth. The 9-ft and 24-ft samples were sent to a commercial laboratory for

Rice Environmental Consulting & Safety

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

analysis. The 9-ft sample resulted in a chloride concentration of 656 mg/kg and concentrations of GRO and DRO below detectable limits. The 24-ft sample resulted in a chloride concentration of 96 mg/kg and concentrations of GRO and DRO below detectable limit. The entire bore hole was plugged with bentonite to ground surface.

Vegetation has rebounded at this site; vegetation will act as an evapo-transpiration barrier that will also inhibit the downward migration of chlorides and hydrocarbons. Plants capture water through their roots and so reduce the amount of water infiltrating below the root zone.

The junction box site location map, area map, final report, laboratory analysis, chloride graph, excavation cross-section, photodocumentation, delineation notes, soil bore plat, log, soil bore installation laboratory analysis and current documentation 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.

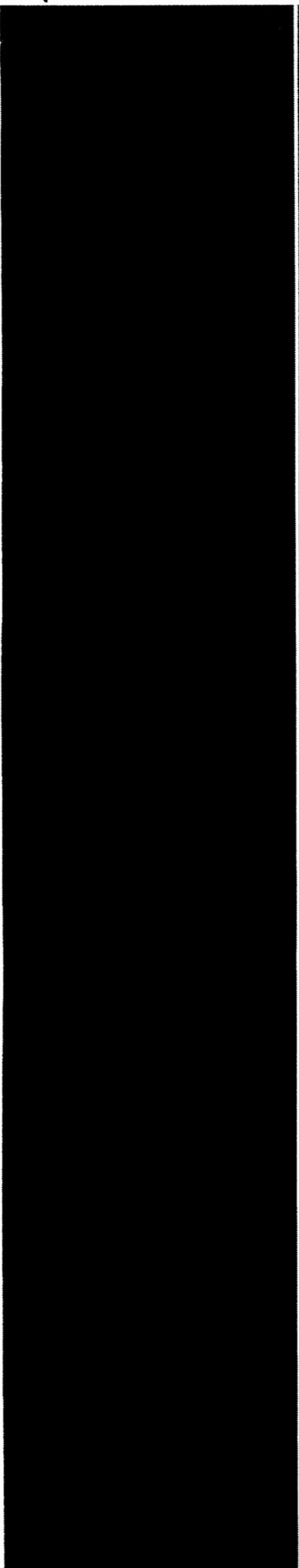
Please contact me at (575)393-2967 if you have any questions or wish to discuss this site. Thank you for your time and consideration.

Sincerely,



Laura Flores
Project Manager
RECS

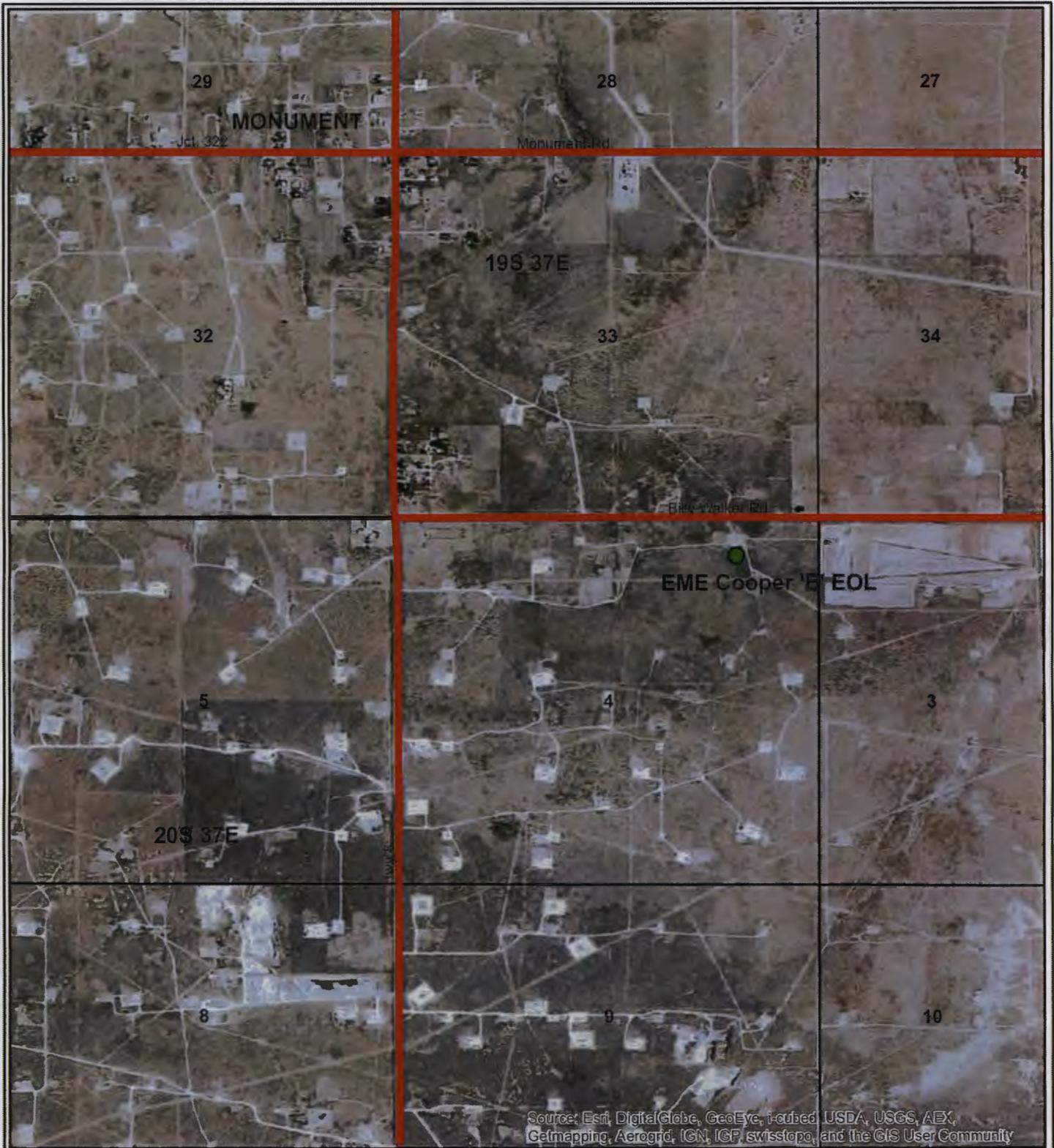
Enclosures



Site and Area Maps

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

SITE MAP



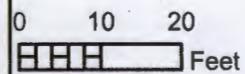
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



EME Cooper 'E' EOL

1R427-233
UL/A Sec. 4
T20S-R37E

DGW 27'



Drawing date: 10/22/2013 JS

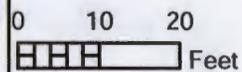
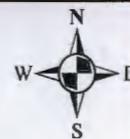
AREA MAP



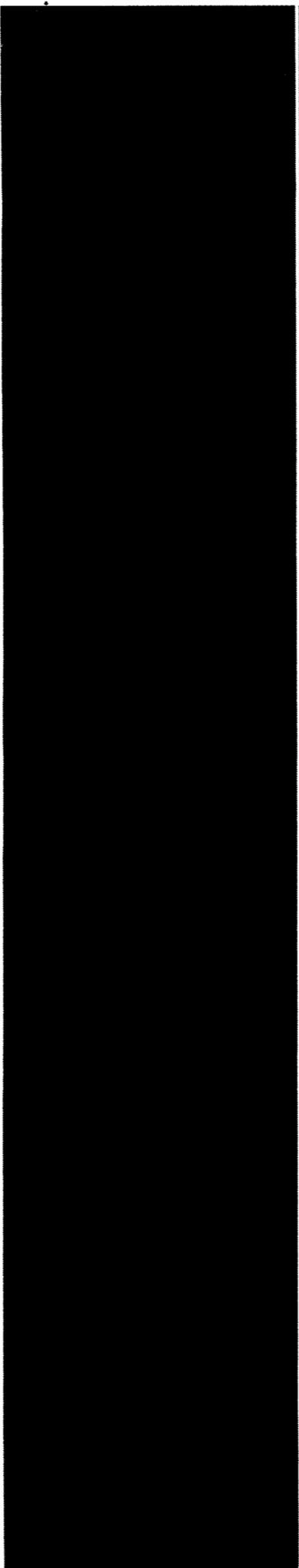
EME Cooper 'E' EOL

1R427-233
UL/A Sec. 4
T20S-R37E

DGW 27'



Drawing date: 10/22/2013 JS



Junction Box Report

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

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	Cooper 'E' EOL	A	4	20S	37E	Lea	no box--jct. eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie T. Cooper OTHER _____

Depth to Groundwater 27 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 12/27/2006 Date Completed 2/2/2007 NMOCD Witness no

Soil Excavated 222 cubic yards Excavation Length 25 Width 20 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 1/4/2007, 1/5/2007 Sample Depth 12 ft

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

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	2.1	<10.0	<10.0	528
BOTTOM COMP.	0.8	<10.0	<10.0	528
BACKFILL	4.4	<10.0	<10.0	944

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	417
bottom comp.	12	145
backfill comp.	n/a	898

General Description of Remedial Action:

This junction was eliminated with the pipeline replacement program. After the box lumber was removed, a backhoe was used to collect soil samples at regular intervals. Chloride field tests and organic vapor readings using a PID were performed on each sample throughout the 25 x 20 x 12-ft-deep excavation. Composite samples from the final excavation were collected for laboratory analysis and confirmed that hydrocarbon was not detected. Chloride concentrations exhibited a trend of decline with depth. The excavated soil was blended on site and returned to the excavation. 36 cubic yards of clean topsoil was imported to fill the remaining 2 ft of the excavation. The topsoil was contoured to the surrounding terrain and seeded with a blend of native vegetation. The seed has been watered and will be monitored for growth.

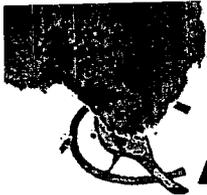
enclosures: photos, lab results, PID field screenings, excavation cross-section, chloride graph

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

SITE SUPERVISOR Darnell Mitchell SIGNATURE _____ COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*

DATE 7/3/2007 TITLE Project Scientist



**ARDINAL
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

COPY

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

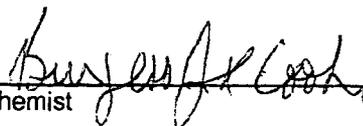
Receiving Date: 01/05/07
Reporting Date: 01/08/07
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EME AMERADA COOPER E

Sampling Date: 01/04/07 & 01/05/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		01/07/07	01/07/07	01/08/07
H11979-1	BOTTOM 5 PT. COMP.	<10.0	<10.0	528
H11979-2	4 WALL COMP.	<10.0	<10.0	528
H11979-3	BLENDED BACKFILL	<10.0	<10.0	944
Quality Control		749	732	510
True Value QC		800	800	500
% Recovery		93.6	91.5	102
Relative Percent Difference		2.6	2.0	5.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI^B

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist

1/11/07
Date RECEIVED
JAN 11 2007
RICE OPERATING
HOBBS, NM

H11979

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CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ___ of ___

Company Name: <u>Rice Operating Company</u>		BILL TO				ANALYSIS REQUEST												
Project Manager: <u>Roy Rascome</u>		P.O. #:																
Address: <u>122 W. TAYLOR</u>		Company:																
City: <u>Hobbs</u> State: <u>N.M.</u> Zip: <u>88240</u>		Attn:																
Phone #: <u>393-9174</u> Fax #: <u>397-1471</u>		Address:																
Project #: _____ Project Owner: _____		City:																
Project Name: _____		State: _____ Zip: _____																
Project Location: <u>EME AMERADA COOPER E</u>		Phone #:																
Sampler Name: <u>Donnell Mitchell</u>		Fax #:																
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME				
<u>H16979-1</u>	<u>Bottom SPT Comp.</u>	<u>R</u>	<u>1</u>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<u>1-4-07</u>	<u>10:45AM</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>-2</u>	<u>4 wall comp.</u>	<u>D</u>	<u>1</u>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<u>1-5-07</u>	<u>10:AM</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>-3</u>	<u>Blended Back-Fill</u>	<u>C</u>	<u>1</u>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<u>1-5-07</u>	<u>11:30AM</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

815M TPH
CL

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No
		Time:		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:		Date: <u>1-5-07</u>	Received By: (Lab Staff)	REMARKS:	
<u>Donnell Mitchell</u>		Time: <u>4:06</u>	<u>Burwell P. Cook</u>	<u>E mail TO Roy Rascome</u>	
Delivered By: (Circle One)					
Sampler - UPS - Bus - Other:		Sample Condition	Checked By:		
		Temp. °C Intact?	(Initials)		
		<u>Cool</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

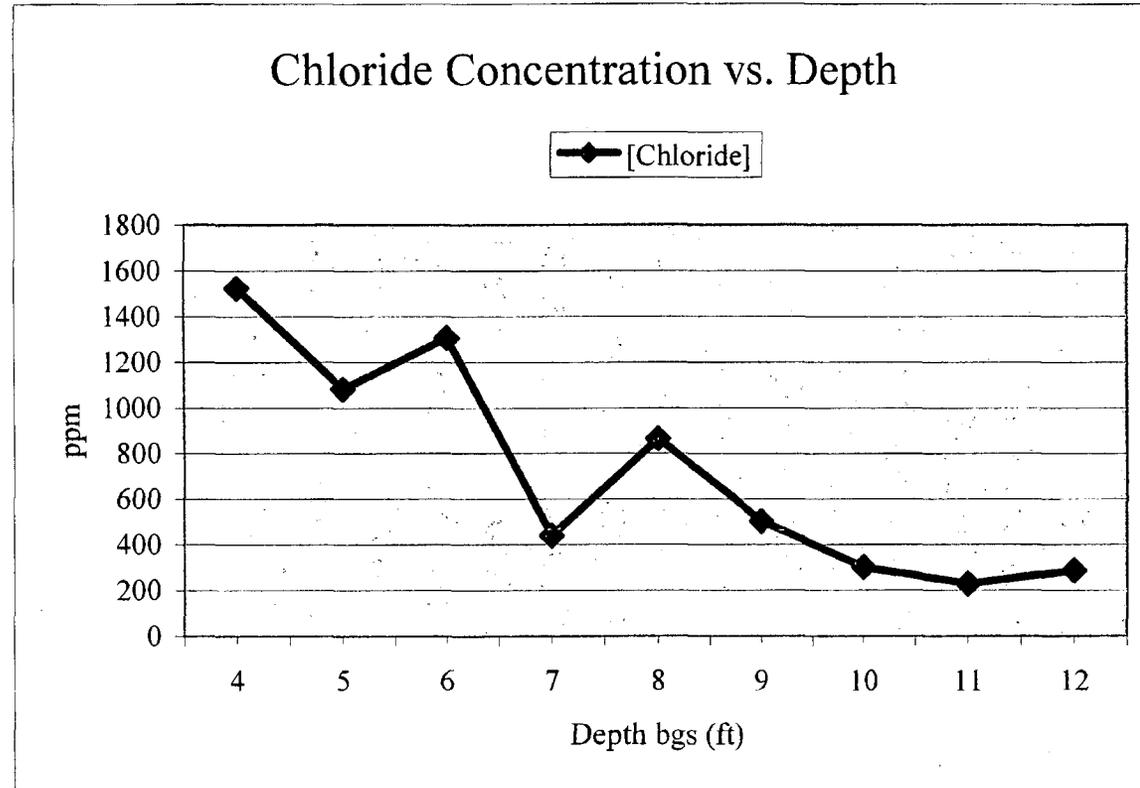
EME Cooper 'E' EOL

unit 'A', Sec. 4, T20S, R37E

15 ft NORTH of junction

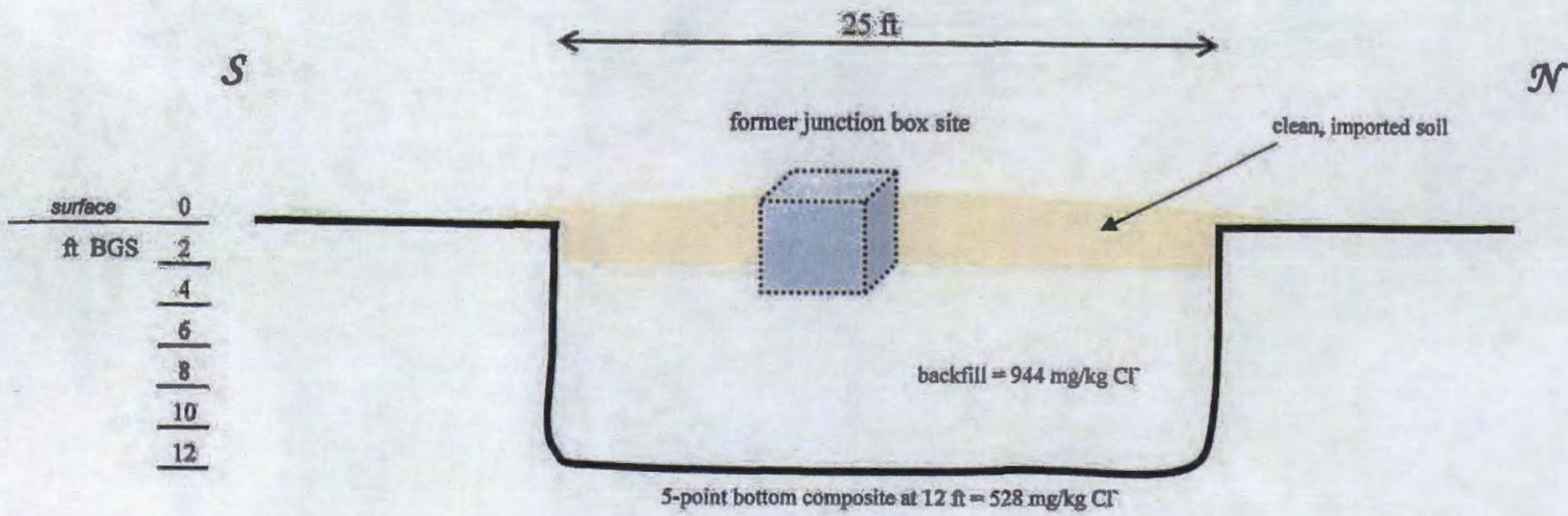
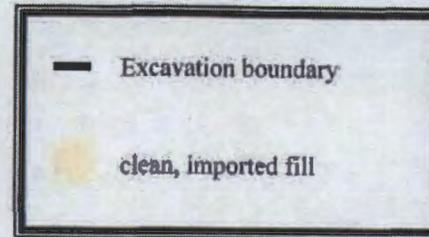
Depth bgs (ft)	[Cl ⁻] ppm
4	1524
5	1082
6	1307
7	440
8	865
9	503
10	302
11	229
12	287

Groundwater = 27 ft



EME Cooper 'E' EOL

25 x 20 x 12-ft-deep
Excavation Cross-Section



EME Cooper 'E' EOL

Unit 'A', Sec. 4, T20S, R37E



beginning backhoe sample collection at former box site 12/27/2006



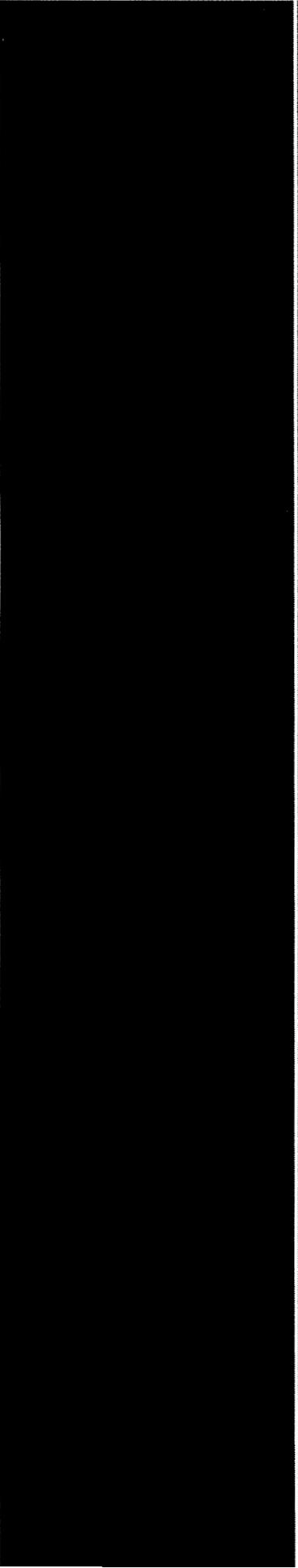
compacting backfill in 25 x 20 x 12 ft excavation 1/29/2007



spreading clean, imported soil on top of backfilled site 1/30/2007



seeding disturbed surface of backfilled site 2/2/2007

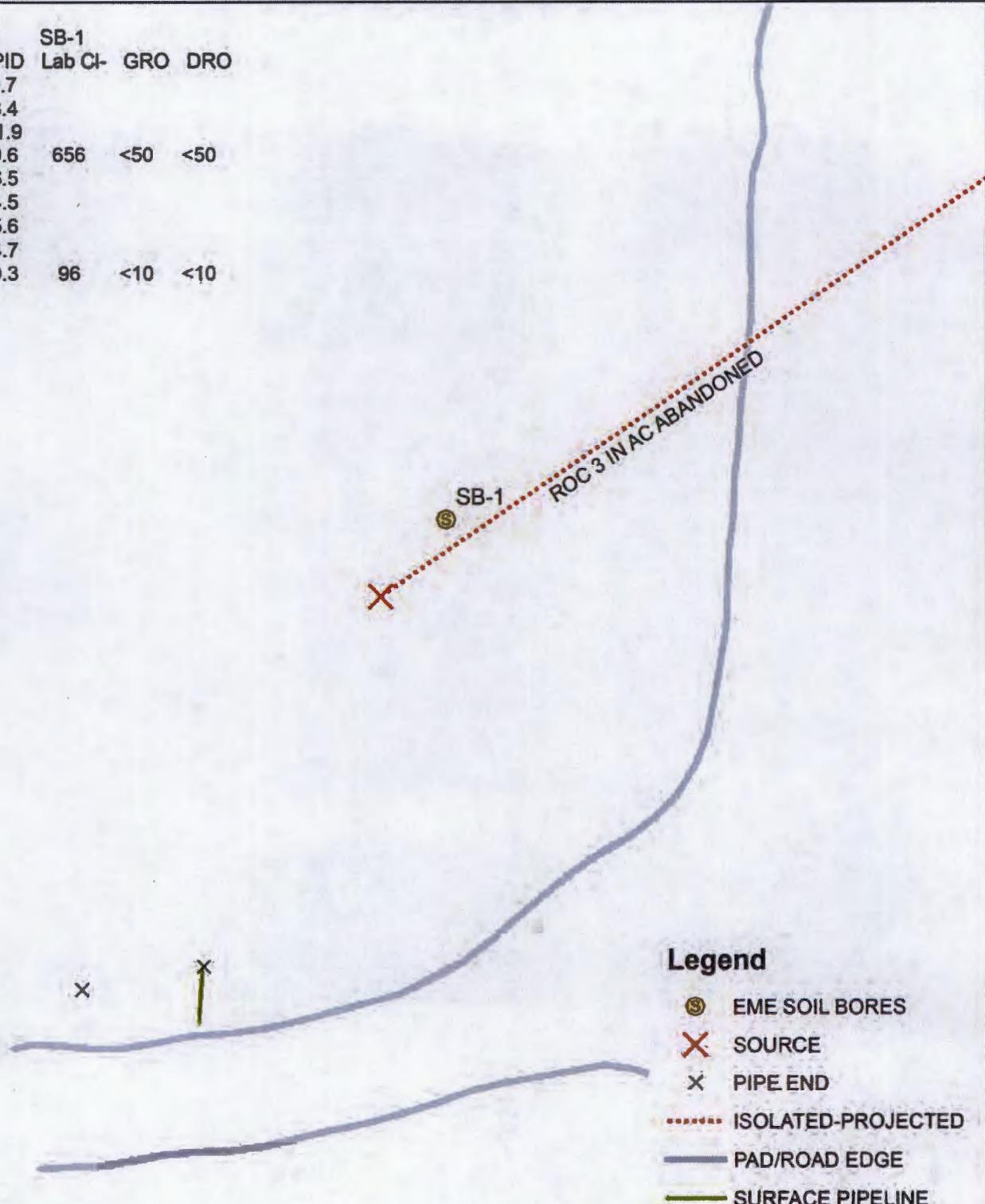


Soil Bore Installation Documentation

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

Soil Bore Installation

Depth	Cl-	PID	SB-1 Lab Cl-	GRO	DRO
SS	84	0.7			
3	543	8.4			
6	606	11.9			
9	633	9.6	656	<50	<50
12	353	6.5			
15	454	4.5			
18	425	5.6			
21	280	4.7			
24	184	0.3	96	<10	<10



DGW: 27 ft

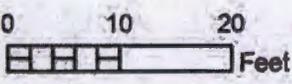
Legend

-  EME SOIL BORES
-  SOURCE
-  PIPE END
-  ISOLATED-PROJECTED
-  PAD/ROAD EDGE
-  SURFACE PIPELINE



EME
COOPER 'E' EOL
1R427-233
 UL A SECTION 4
 T-20-S R-37-E
 LEA COUNTY, NM





Drawing date: 10/2/13
 Drafted by: L. Weinheimer



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

October 01, 2013

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: EME COOPER 'E' EOL

Enclosed are the results of analyses for samples received by the laboratory on 09/25/13 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/qa/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 fluid and cursive.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	09/25/2013	Sampling Date:	09/25/2013
Reported:	10/01/2013	Sampling Type:	Soil
Project Name:	EME COOPER 'E' EOL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SB #1 9' (H302339-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	09/27/2013	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	09/27/2013	ND	195	97.5	200	11.3		
DRO >C10-C28	<50.0	50.0	09/27/2013	ND	185	92.3	200	5.20		
<i>Surrogate: 1-Chlorooctane</i>	<i>79.9 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>89.5 %</i>	<i>63.6-154</i>								

Sample ID: SB #1 24' (H302339-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/27/2013	ND	400	100	400	3.92		
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	09/27/2013	ND	195	97.5	200	11.3		
DRO >C10-C28	<10.0	10.0	09/27/2013	ND	185	92.3	200	5.20		
<i>Surrogate: 1-Chlorooctane</i>	<i>80.0 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>86.2 %</i>	<i>63.6-154</i>								

Cardinal Laboratories

*=Accredited Analyte

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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 SM4500C-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, Lab Director/Quality Manager



CARDINAL 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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RICE Operating		P.O. #:		ANALYSIS REQUEST																								
Project Manager: Katie Jones		Company:		Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS																			
Address: 112 W. Taylor		Attn:																										
City: Hobbs State: NM Zip: 88240		Address:																										
Phone #: Fax #:		City:																										
Project #: Project Owner:		State: Zip:																										
Project Name:		Phone #:																										
Project Location: EME COOPER "E" E.O.L. T-19-5/R-37-E		Fax #:																										
Sampler Name: Edward Cesareo																												
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS							MATRIX				PRESERV.		SAMPLING												
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME														
H308339																												
	1 SB#1 9'	G	1	/						/			9-25-13	3:20	/	/												
	2 SB#1 24'	G	1	/						/			9-25-13	3:25	/	/												

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Edward Cesareo</i>	Date: 9-25-13 Time: 4:15	Received By: <i>Jodi Jensen</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <i>[Signature]</i> (initials)	
REMARKS: email results hconder@rice-ecs.com; Lweinheimer@rice-ecs.com; kjones@riceswd.com; Lpena@riceswd.com; knorman@rice-ecs.com; ecesareo@rice-ecs.com				

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

#54

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.	X	MODEL: PGM 7300	SERIAL NO: 590-000508
MODEL		MODEL: PGM 7300	SERIAL NO: 590-000504
NO.		MODEL: PGM 7320	SERIAL NO: 592-903318
		MODEL: PGM 7300 X	SERIAL NO: 590-902553

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT # IAM-248-100-1	EXPIRATION DATE: 8-15-16
METER READING ACCURACY: 100PPM	

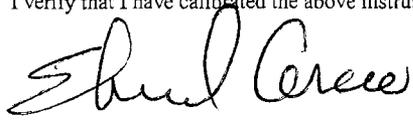
ACCURACY : +/- 2%

COMPANY
ROC

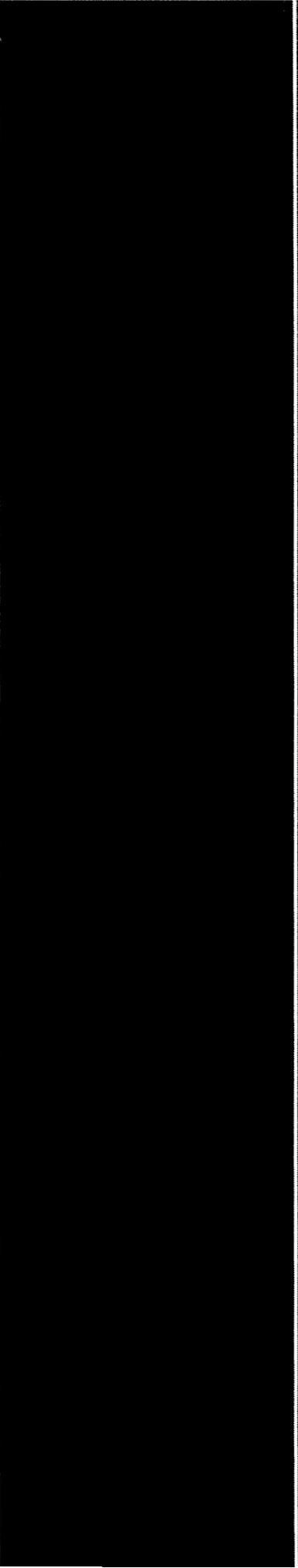
SITE	UNIT	SECTION	TOWN SHIP	RANGE
EME COOPER "E" E.O.L.	A	4	20-S	37-E

SAMPLE ID	PID	SAMPLE ID	PID
SB#1 SURFACE	0.7		
SB#1 3'	8.4		
SB#1 6'	11.9		
SB#1 9'	9.6		
SB#1 12'	6.5		
SB#1 15'	4.5		
SB#1 18'	5.6		
SB#1 21'	4.7		
SB#1 24'	0.3		

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

SIGNATURE: 

DATE: 9-25-13



Current Photodocumentation

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

EME Cooper 'E' EOL (1R427-233)
Unit Letter A, Section 4, T20S, R37E



Facing east

10/15/2013



Facing south

10/15/2013