

1R - 427-267

REPORTS

DATE:

1-28-09

EME Jct B-21

1R427-267

RECEIVED

MAR 25 2009
Environmental Bureau
Oil Conservation Division

CLOSURE

BOX LOCATION

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-28-09

EME Jct. B-21

Unit B, Section 21, T21S, R36E



site prior to excavation, facing south

10/13/2008



excavating at former junction site, facing south

10/13/2008



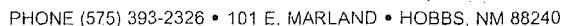
collecting a soil sample, facing west

10/13/2008



seeding backfilled site, facing south

10/22/2008



COPY

Sampling Date: 10/13/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

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

Date

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 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 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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CARDINAL LABORATORIES

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

Page of

BILL TO				ANALYSIS REQUEST															
Company Name: <u>Rice operating</u> Project Manager: <u>Eric Garrison</u> Address: <u>120 W. Taylor</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>393-9174</u> Fax #: <u>575-397-1471</u> Project #: <u> </u> Project Owner: <u> </u> Project Name: <u>IME B-21</u> Project Location: <u>IME B-21</u> Sampler Name: <u>Eric Garrison</u>				P.O. #: <u> </u> Company: <u>SAME</u> Attn: <u> </u> Adc: <u> </u> City: <u> </u> State: <u> </u> Zip: <u> </u> Phone #: <u> </u> Fax #: <u> </u>				<div style="float: right; text-align: right;"> 8015 m TPT 77 </div>											
Lab I.D. <u>H161041 source AM-66609</u>				MATRIX GROUNDWATER <input checked="" type="checkbox"/> SLUDGE <input type="checkbox"/> OIL <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OTHER: <u> </u>				PRESERV ACID/BASE <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: <u> </u>				SAMPLING DATE <u>10-13-08</u> TIME <u>10:15</u>							
				# CONTAINERS <u>1</u>				(G) RAB OR (C) CMP <u>G1</u>											
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Sampler Relinquished: <u>[Signature]</u>				Received By: <u>[Signature]</u>				Date: <u>10-13-08</u> Time: <u>4:25</u>				Phone Result: <input type="checkbox"/> No <input type="checkbox"/> Yes Fax Result: <input type="checkbox"/> No <input type="checkbox"/> Yes REMARKS: <u>RESULTS B Baker @ Rice SWD.com</u> <u>I Purvis @ Rice SWD.com</u>							
Relinquished By: <u>[Signature]</u>				Received By: <u>[Signature]</u>				Date: <u> </u> Time: <u> </u>											
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u> </u>				Temp. <u> </u> Sample Condition: <u> </u> Cool: <input checked="" type="checkbox"/> Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No				Checked By: <u>[Signature]</u>											

* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 392-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

COPY

CKL
MODEL
NO

✓

MODEL: PGM 7500
MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 596-000185
SERIAL NO: 110-013744
SERIAL NO: 110-12583
SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 101 PPM

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Emc	B-21	B	21	21 S	36 E

Initial Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
5	10.7	6"	0.0
6	14.7		
7	8.5		
8	5.8		
9	1.6		

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

SIGNATURE

Eric Garza

DATE 10-13-08

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME Jct. B-21

Unit 'B', Sec. 21, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
5	170
6	91
7	121
8	120
9	115

Groundwater = 195 ft

