

1R - 427-262

REPORTS

DATE:

01-20-09

EME Jct O-16

1R427-262

RECEIVED

MAR 25 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. O-16	O	16	21S	36E	Lea	eliminated		

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

Depth to Groundwater 195 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 10/21/2008 Date Completed 10/21/2008 OCD Witness no

Soil Excavated 5.0 cubic yards Excavation Length 3 Width 5 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/21/2008 Sample Depth 9 ft

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 9' GRAB	0.0	<10.0	64.0	80

LOCATION	DEPTH	mg/kg
background	6"	114
vertical delineation trench at the junction (source)	5'	119
	6'	146
	7'	116
	8'	117
	9'	145


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 producing a 3x5x9-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background sample. Organic vapors measured with a PID also yielded low concentrations. The deepest sample, 9 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 10/31/2008, 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) screening, chloride curve

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

SITE SUPERVISOR Eric Garrison SIGNATURE  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 1-20-09

EME Jct. O-16

Unit O, Section 16, T21S, R36E



site prior to excavation, facing north

10/21/2008



collecting a soil sample, facing west

10/21/2008



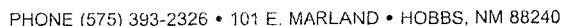
backfilling excavation, facing east

10/21/2008



seeding backfilled site, facing north

10/31/2008



COPY

Sampling Date: 10/21/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: CK
Analyzed By: AB/HM

ANALYSIS DATE	10/23/08	10/23/08	10/23/08
H16163-1 SOURCE BTM GRAB @ 9'	<10.0	64.0	80
Quality Control	590	511	500
True Value QC	500	500	500
% Recovery	118	102	100
Relative Percent Difference	1.4	0.5	2.0

*Analysis performed on a 1:4 w:v aqueous extract.

Date 10/24/08

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.



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

BILL TO				ANALYSIS REQUEST											
P.O. #:															
Company:															
Attn:															
Address:															
City:															
State:															
Zip:															
Phone #:															
Fax #:															
Project Name: <u>AME Jet 0-16</u>				<div>8015m TPH</div> <div>CL</div>											
Project Location: <u>AME Jet 0-16</u>															
Sampler Name: <u>ERIC GARRISON</u>															
Lab I.D. <u>H16163-</u>															
Sample I.D. <u>1 Source Btm Gas 09</u>															
Matrix				PRESERV				SAMPLING							
GROUNDWATER				ACID/BASE				DATE				TIME			
WASTEWATER				OTHER:				10-21-87				10:00			
SOIL				ICE/COOL											
OIL				OTHER:											
SLUDGE															
# CONTAINERS															
(G)RAB OR (C)OMP															

Company Name: <u>Lice Operating</u>		Date: <u>10/21/87</u>	
Project Manager: <u>ERIC GARRISON</u>		Time: <u>4:35</u>	
Address: <u>122 W Taylor</u>		Received By: <u>Eric Garrison</u>	
City: <u>Hobbs</u>		Temp. <u>43</u>	
State: <u>NM</u>		Sample Condition	
Phone #: <u>393-9174</u>		Cool-Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Fax #: <u>393-1471</u>		Checked By: <u>CDL</u>	
Project #: <u>AME Jet 0-16</u>		Initials	
Project Name: <u>AME Jet 0-16</u>			
Project Location: <u>AME Jet 0-16</u>			
Sampler Name: <u>ERIC GARRISON</u>			
Lab I.D. <u>H16163-</u>			
Sample I.D. <u>1 Source Btm Gas 09</u>			
Matrix			
GROUNDWATER			
WASTEWATER			
SOIL			
OIL			
SLUDGE			
# CONTAINERS			
(G)RAB OR (C)OMP			

Results
Blaker@rice.sud.com
JPurviso@rice.sud.com

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

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.	
MODEL	X
NO.	

MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-012920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

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

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	0-16	0	16	21 S	36E

Initial Source

Back Ground

SAMPLE ID	PID	SAMPLE ID	PID
5'	0.3	6"	0.0
6'	0.0		
7'	0.0		
8'	0.0		
9'	0.0		

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

SIGNATURE: *Jim Burrows*

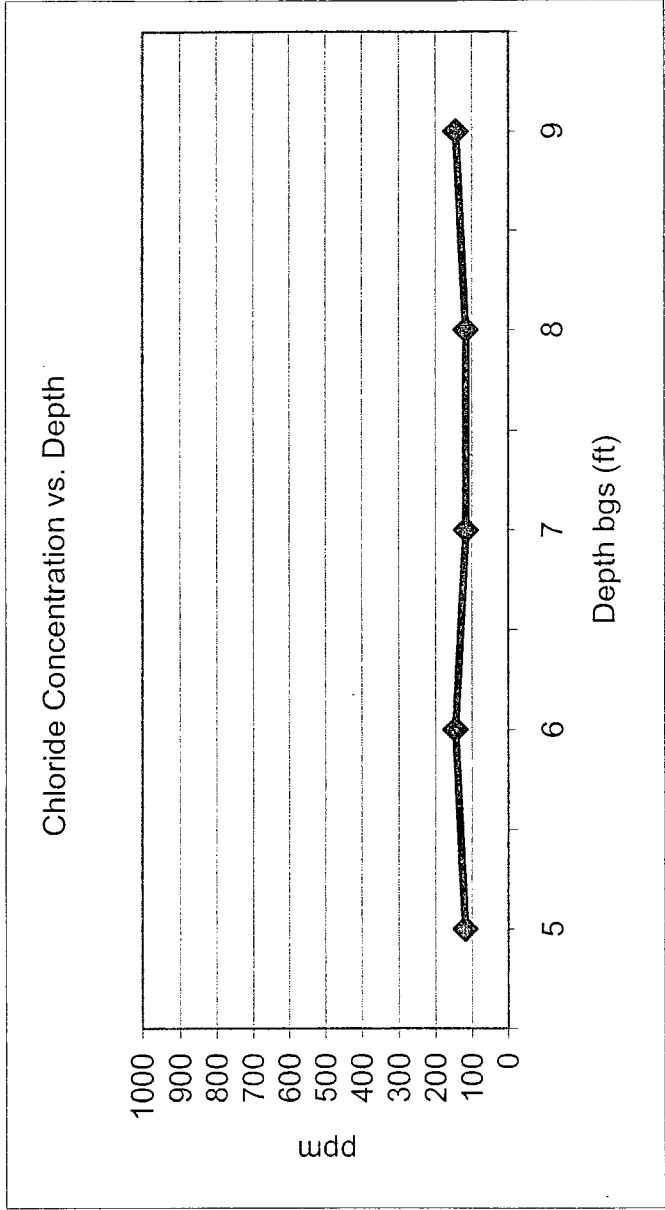
DATE: 10-21-08

EME Jct. O-16

Unit 'O', Sec. 16, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
5	119
6	146
7	116
8	117
9	145



Groundwater = 195 ft