

1R - 427-215

REPORTS

DATE:

3-8-07

EME Jct G-8-1 Boot

1R-427-215

RECEIVED

APR - 4 2007

Environmental Bureau
Oil Conservation Division

Closure

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
EME	G-8-1 boot	G	8	20S	37E	Lea	Length	Width	Depth
							no box--jct. eliminated		

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

Depth to Groundwater 36 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 12/27/2006 Date Completed 1/15/2007 NMOCD Witness no

Soil Excavated 125 cubic yards Excavation Length 33 Width 17 Depth 6 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 1/4/2007 Sample Depth 6 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.	0.7	<10.0	<10.0	48
BOTTOM COMP.	13.1	<10.0	80.0	16
BACKFILL	13.2	<10.0	100.0	32

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	322
bottom comp.	6	295
backfill comp.	n/a	402

General Description of Remedial Action:

This junction box was eliminated with the pipeline replacement/upgrade program. After the box lumber was removed, a backhoe was used to collect soil samples at regular intervals. Field chloride tests and organic vapor headspace measurements using a PID were performed on each sample yielding very low chloride concentrations and PID readings throughout the 33 x 17 x 6-ft-deep excavation. Composite samples were sent to a laboratory for confirmation of the field tests. The excavated soil was blended on site and then returned to the excavation and contoured to the surrounding terrain. Additional fill was needed to complete the backfill so 36 cubic yards of clean, imported soil was placed on top and contoured to the surrounding terrain. Because the site was located within the fence of an active production facility, the disturbed surface was not seeded.

enclosures: photos, lab results, PID field screenings, excavation x-section

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

SITE SUPERVISOR Noel Carmona SIGNATURE [Signature] COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE [Signature]

DATE 3/8/2007 TITLE Project Scientist

EME G-8-1 boot



undisturbed junction box with boot

2/1/2005



beginning delineation & excavation at junction site 12/27/2006



beginning backfill of 33 x 17 x 6 ft excavation

1/12/2007



wide view of backfilled site

1/15/2007

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

Phone: (505) 393-9174 Fax: (505) 397-1471

VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK.
MODEL
NO.

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

MODEL: PGM 761S

MODEL: PGM 7600

MODEL: PGM 7600

MODEL: PGM 7600

SERIAL NO: 104412

SERIAL NO: 110-013744

SERIAL NO: 110-12383

SERIAL NO: 110-012920

LOT NO: 05-2992

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

FILL DATE: 11-28-05

EXP. DATE: 5-28-07

ACCURACY: +/- 2%

METER READING ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	JCT G-8-1 BOOT	G	8	20S	37E

SAMPLE	PID Results	Sample	PID Results
5PT BTM			
1	20		
2	3.7		
3	4		
4	9		
5	7.4		
5PT BTM COMP	13.1		
BLENDED BACKFILL	13.2		

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

SIGNATURE: Signed By Roy R. Kotsen
for Noel Carriona

DATE: 1-3-07

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

Phone: (505) 393-9174 Fax: (505) 397-1471

VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK.
MODEL
NO.

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MODEL: PGM 761S
MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 104412
SERIAL NO: 110-013744
SERIAL NO: 110-12383
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LOT NO: 05-2992

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FILL DATE: 11-28-05

EXP. DATE: 5-28-07

ACCURACY: +/- 2%

METER READING ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	G-8-1 BOOT	G	8	20S	37E

SAMPLE	PID Results	Sample	PID Results
4 WALL COMP.@33'X17'	0.7		

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

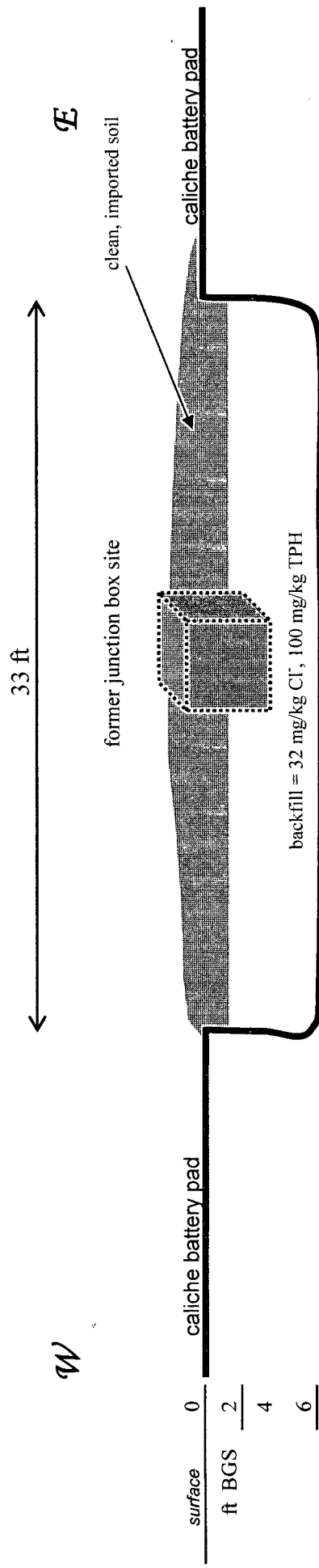
SIGNATURE: Sign By Ray R. Rascon
for Noel Camona

DATE: 1-3-07

EME G-8-1 boot

33 x 17 x 6-ft-deep

Excavation Cross-Section





ARDINAL LABORATORIES

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

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

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: EME JCT. G-8-1 BOOT
Project Location: NOT GIVEN

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

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
		01/06/07	01/06/07	01/05/07
H11969-1	BLENDED BACKFILL	<10.0	100	32
H11969-2	5 PT. BTTM. COMP. @ 6'	<10.0	80.0	16
H11969-3	4 WALL COMP. @ 33'x17'	<10.0	<10.0	48
	Quality Control	749	732	480
	True Value QC	800	800	500
	% Recovery	93.6	91.5	96.0
	Relative Percent Difference	2.6	2.0	0.0

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

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

Bryan J. Cosh
Chemist

1/8/07
Date

H11969

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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 1 of 1

BILL TO										ANALYSIS REQUEST									
Company Name: <u>Rice Operating Co.</u>										P.O. #:									
Project Manager: <u>Ray R. Razcon</u>										Company:									
Address: <u>1222 W. Taylor</u>										Attn:									
City: <u>Hobbs</u>										Address:									
State: <u>NM</u> Zip: <u>88240</u>										City:									
Phone #: <u>393-9174</u>										State:									
Fax #: <u>397-1471</u>										Phone #:									
Project #: <u> </u>										Fax #:									
Project Name: <u>EME Jct. 6-8-1 East</u>										DATE									
Project Location: <u>Blended Backfill</u>										TIME									
Sampler Name: <u>M. Williams</u>										DATE									
FOR LAB USE ONLY										TIME									
Lab I.D.										DATE									
Sample I.D.										TIME									
Matrix										PRESERV.									
WASTEWATER										ACID/BASE									
GROUNDWATER										ICE / COOL									
# CONTAINERS										OTHER:									
(G)RAB OR (C)OMP.										OTHER:									
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Sampler Relinquished By: M. Williams Date: 1-5-07 Time: 8:00 AM

Received By: (Lab Staff) Date: 1-5-07 Time: 8:00 AM

Delivered By: (Circle One) Date: 1-5-07 Time: 8:00 AM

Sampler - UPS - Bus - Other: Date: 1-5-07 Time: 8:00 AM

Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No

REMARKS: