

1R - 426-249

REPORTS

DATE:

3-26-10

BD ~~14~~ K-9-1
2009

1R426-249

RECEIVED

APR - 6 2009
Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS: FEET		
BD	K-9-1	K	9	21S	37S	Lea	Length	Width	Depth
							new watertight box (same place)		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Millard Deck _____ OTHER _____

Depth to Groundwater _____ 58 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 20 _____

Date Started _____ 11/20/2009 _____ Date Completed _____ 11/20/2009 _____ OCD Witness _____ no _____

Soil Excavated _____ 5.6 _____ cubic yards Excavation Length _____ 5 _____ Width _____ 3 _____ Depth _____ 10 _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 11/20/2009 _____ Sample Depth _____ 10 ft. _____

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

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 10' GRAB	0.2	<10.0	21.6	96

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
vertical delineation trench at the junction (source)	6'	1168
	7'	1046
	8'	538
	9'	543
	10'	469

General Description of Remedial Action: This junction was addressed during the

pipeline replacement/upgrade program. After the former junction was removed, an

investigation was conducted using a backhoe to collect soil samples at regular intervals.

Chloride field tests were performed on each sample, which yielded chloride

concentrations that declined with depth. Organic vapors were measured using a PID, which also yielded low concentrations. The

deepest sample, 10 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and

organics. A new watertight junction box was built in the same place.

enclosures: lab results, PID (field) screenings, 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 Darnell Mitchell _____ COMPANY _____ RICE OPERATING COMPANY _____

REPORT ASSEMBLED BY _____ Larry Bruce Baker Jr. _____ INITIAL LB _____

PROJECT LEADER _____ Larry Bruce Baker Jr. _____ SIGNATURE Larry Bruce Baker Jr. _____ DATE _____ 3-26-10 _____



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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: HACK CONDER
122 W. TAYLOR
HOBBS, NM 88240

Receiving Date: 11/23/09
Reporting Date: 12/02/09
Project Number: NOT GIVEN
Project Name: INITIAL SOURCE @ 10FT.
Project Location: B.D. JCT K-9-1

Sampling Date: 11/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

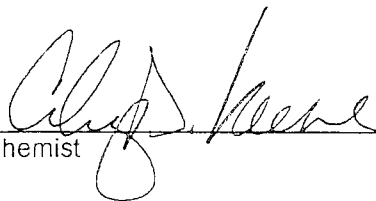
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)

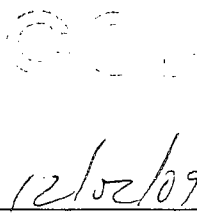
ANALYSIS DATE	11/25/09	11/25/09	11/24/09
H18780-1 INITIAL SOURCE @ 10FT.	<10.0	21.6	96
Quality Control	447	585	500
True Value QC	500	500	500
% Recovery	89.4	117	100
Relative Percent Difference	10.1	0.4	< 0.1

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

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

Reported on wet weight.


Chemist


Date

H18780 TCL RICE

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ANIMAL LABORATORIES

101 East Highland Avenue, MI 48240
Tel: 313-353-2326 Fax: 313-353-2176

Project Name: **RICE OPERATING**

Client: **HACK COOPER**

123 W. Taylor

HARDY

393 9174

State: **N.M.**

City: **Albuquerque**

Project Number: **B.D. DET K-9-1**

Project Name: **Donnell Mitchell**

Project Address: **INITIAL SOURCE @ 1055**

Project Phone: **505 397-1471**

Project Fax: **505 397-1471**

Project Email: **Donnell Mitchell**

Project Website: **INITIAL SOURCE @ 1055**

Project Notes: **INITIAL SOURCE @ 1055**

Project Comments: **INITIAL SOURCE @ 1055**

Project Status: **INITIAL SOURCE @ 1055**

Project Date: **INITIAL SOURCE @ 1055**

Project Time: **INITIAL SOURCE @ 1055**

Project Location: **INITIAL SOURCE @ 1055**

Project Contact: **INITIAL SOURCE @ 1055**

Project Reference: **INITIAL SOURCE @ 1055**

Project ID: **INITIAL SOURCE @ 1055**

Project Code: **INITIAL SOURCE @ 1055**

Project Category: **INITIAL SOURCE @ 1055**

Project Sub-category: **INITIAL SOURCE @ 1055**

Project Sub-code: **INITIAL SOURCE @ 1055**

Project Sub-time: **INITIAL SOURCE @ 1055**

Project Sub-location: **INITIAL SOURCE @ 1055**

Project Sub-contact: **INITIAL SOURCE @ 1055**

Project Sub-reference: **INITIAL SOURCE @ 1055**

Project Sub-ID: **INITIAL SOURCE @ 1055**

Project Sub-code: **INITIAL SOURCE @ 1055**

Project Sub-category: **INITIAL SOURCE @ 1055**

Project Sub-sub-category: **INITIAL SOURCE @ 1055**

BILL TO

P.O. #

Company: **SAME**

Address:

City:

State:

Zip:

Phone #:

Fax #:

Matrix:

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Sampling:

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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

Check Model Number:

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924908	EXPIRATION DATE: 7-29-2010
FILL DATE: 3-9-09	METER READING ACCURACY: 100.0 ppm

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B.D	K-9-1	K	9	21	37

SAMPLE ID	PID	SAMPLE ID	PID
6'	1.1		
7'	0.0		
8'	0.8		
9'	0.0		
10'	0.6		

COPY

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

SIGNATURE: Darrell A. McCall

DATE: 7-10-09

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD Junction K-9-1

Unit 'K', Sec. 9, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
6	1168
7	1046
8	538
9	543
10	469

Groundwater = 58 ft

