1R - 426-249

REPORTS

DATE:

3-26-10

BD [redacted] K-9-1
2009

IR426-249

CLOSURE

RECEIVED
APR - 6 2010
Environmental Bureau
Oil Conservation Division

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS FEET		
							Length	Width	Depth
BD	K-9-1	K	9	21S	37S	Lea	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 LBB

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

CARDINAL LABORATORIES

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 (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)	Cl* (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; Cl: Std. Methods 4500-Cl B
*Analysis performed on a 1:4 w:v aqueous extract.
Reported on wet weight.

Chemist

12/02/09
Date

H18780 TCL RICE

CARDINAL LABORATORIES

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

Page ___ of ___

Company Name: Rice Operating
Project Manager: Hack Conder
Address: 122 W. Taylor
City: Hobbs State: N.M Zip: 88240
Phone #: 393 9174 Fax #: 575 397-1471
Project #: Project Owner:
Project Name: INITIAL SOURCE @ 10FT
Project Location: B.D. JCT K-9-1
Sampler Name: Daniel mitchell

BILL TO

P.O. #:
Company: SAME
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST: 8015M TPH; CL

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	8015M TPH	CL
H18730-1	INITIAL SOURCE @ 10FT	G	1			✓					✓		11-20-09	11:40AM	✓	✓

COPY

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due...

Sampler Relinquished: Date: 11-23-09 Time: 8:58a Received By: Misty LeBert

Relinquished By: Date: Time: Received By:

Delivered By: (Circle One) Daniel Mitchell
Sampler - UPS - Bus - Other:

Temp. Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No
CHECKED BY: (Initials) MCAB

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:

RESUITS TO.
HACK CONDER RICE SWD.COM
Bruce Baker

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

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240
PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

✓	Model: PGM 7300	Serial No: 590-000183		Model: PGM 7600	Serial No: 110-023920
	Model: PGM 7300	Serial No: 590-000508		Model: PGM 7600	Serial No: 110-013744
	Model: PGM 7300	Serial No: 590-000504		Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 92498R	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'	0.5		
		OFF	

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

SIGNATUE: [signature] DATE: 7-20-09

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