1R - 425-54

REPORTS

DATE:

9-18-08

Vacuum Jct I-34

1R425-54

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
Vacuum	Jct. I-34	I	34	17S	35E	Lea	no box; system abandonment		

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

Depth to Groundwater 100 feet NMOCD SITE ASSESSMENT RANKING SCORE: 30*

Date Started 4/30/2008 Date Completed 5/15/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 5/7/2008 **Sample Depth** 12 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	Chlorides mg/kg
SOURCE 12' GRAB	8.4	<10.0	93.4	32

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	115
vertical delineation at the former junction (source)	5'	152
	6'	169
	7'	125
	8'	160
	9'	116
	10'	178
	11'	220
	12'	111

General Description of Remedial Action: This junction was addressed under the Vacuum SWD System abandonment. After this junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 12 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 and clean, imported soil was used to top cap and to contour to the surrounding area. On 5/20/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

**SPS water well located 316 ft northeast of site.*

**Water well with stock pond located 1003 ft southwest of location*

enclosures: photos, lab results, PID screening, chloride curve

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

SITE SUPERVISOR Roy Rascon SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 9-18-08

Vacuum Jct. I-34

Unit I, Section 34, T17S, R35E

undisturbed junction box, facing north 11/15/2005

delineation trench at former junction site 4/30/2008

spreading clean, imported topsoil on site 5/15/2008

seeding backfilled site 5/20/2008

CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

Receiving Date: 05/08/08
Reporting Date: 05/12/08
Project Owner: NOT GIVEN
Project Name: VAC JCT I-34
Project Location: NOT GIVEN

Sampling Date: 05/07/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		05/08/08	05/08/08	05/08/08
H14768-1	VERT @ SOURCE @ 12' BGS GRAB	<10.0	93.4	32
Quality Control		476	520	500
True Value QC		500	500	500
% Recovery		95.1	104.0	100
Relative Percent Difference		3.9	7.3	<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.

Chemist

05/12/08
Date

H14768TCL RICE

CARDINAL LABORATORIES

COPY

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: RICE OPERATING CO.	BILL TO
Project Manager: ROY R. RASCON	P.O. #:
Address: 122 WEST TAYLOR	Company:
City: HOBBS State: NM Zip: 88240	Attn:
Phone #: (505) 393-9174 Fax #: (505) 397-1471	Address:
Project #: Project Owner:	City:
Project Name: VAC JCT I-34	State: Zip:
Project Location:	Phone #:
Sampler Name: ROY R. RASCON	Fax #:

FOR LAB USE ONLY LAB ID #	SAMPLE I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	PRESERV: OTHER :	ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015 M	CL-	BTEX
H19768-1	vert @ source @ 12'bgs grab	G	1			X					X		5/7/2008	1300	X	X	

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental 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.

Relinquished By: Roy R. Rascon	Date: 5-8-08 Time: 0820	Received By: Misty LeBeau	
Relinquished By:	Date: Time:	Received By:	

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition		CHECKED BY: (Initials)
Cool	Intact	MCB
Yes	Yes	
No	No	

Phone Result:	Yes	No	Add'l Phone #:
Fax Result:	X Yes	No	Add'l Fax #:

REMARKS: PLEASE E-MAIL TO jpurvis & rrascon@riceswd.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM
MODEL: PGM 7600 SERIAL # 110-013744

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	I-34	I	34	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
1'			
2'			
3'			
4'			
5'	8.3		
6'	3.1		
7'	2.1		
8'	4.6		
9'	8.6		
10'			
11'			
12'			

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

SIGNATURE: Roy R. Rusco

DATE: 4-30-08

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK. MODEL NO.			
		MODEL: PGM 7600	SERIAL NO: 110-013676
	X	MODEL: PGM 7600	SERIAL NO: 110-013744
		MODEL: PGM 7600	SERIAL NO: 110-012383
		MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	I-34	I	34	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
VERT @ SOURCE @ 1'			
2'			
3'			
4'			
5'			
6'			
7'			
8'			
9'			
10'	7.9		
11'	1.9		
12'	8.4		

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

SIGNATURE: Roy R. Rascon

DATE: 5-7-08

Vacuum Jct. I-34

Unit 'I', Sec. 34, T17S, R35E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl-] ppm
5	152
6	169
7	125
8	160
9	116
10	178
11	220
12	111

Groundwater = 100 ft