

1R - 426-138

REPORTS

DATE:

4-1-08

BD ~~JO~~E-23 VENT

IR 426-138

CLOSURE

4-1-08

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
BD	E-23 vent	E	23	21S	37E	Lea	Length	Width	Depth
no box--junction eliminated									

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Apache Corp. _____ OTHER _____

Depth to Groundwater 46 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 2/9/2007 Date Completed 3/2/2007 NMOCD Witness no

Soil Excavated 44 cubic yards Excavation Length 10 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/13/2007, 2/28/2007 Sample Depth 12 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.	6.2	<10.0	36.1	160
BOTTOM COMP.	5.0	<10.0	<10.0	64
BLENDED BACKFILL	XXX	<10.0	109	XXX

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	256
bottom comp.	12	238

General Description of Remedial Action:

This junction was eliminated with the pipeline replacement/upgrade program. The area surrounding this box was covered with healthy native vegetation. Once the box lumber was removed, a backhoe was used to collect soil samples at regular intervals producing a 10 x 10 x 12-ft-deep hole. Chloride field tests were performed on each sample and yielded low concentrations. Organic vapors were also measured on all samples and resulted in low concentrations as well. Confirmation samples were analyzed at a certified laboratory. The excavated soil was blended on site with 12 yd³ of clean, imported soil. This blended soil was backfilled into the excavation and contoured to the surrounding terrain. On 3/20/2007, the disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings

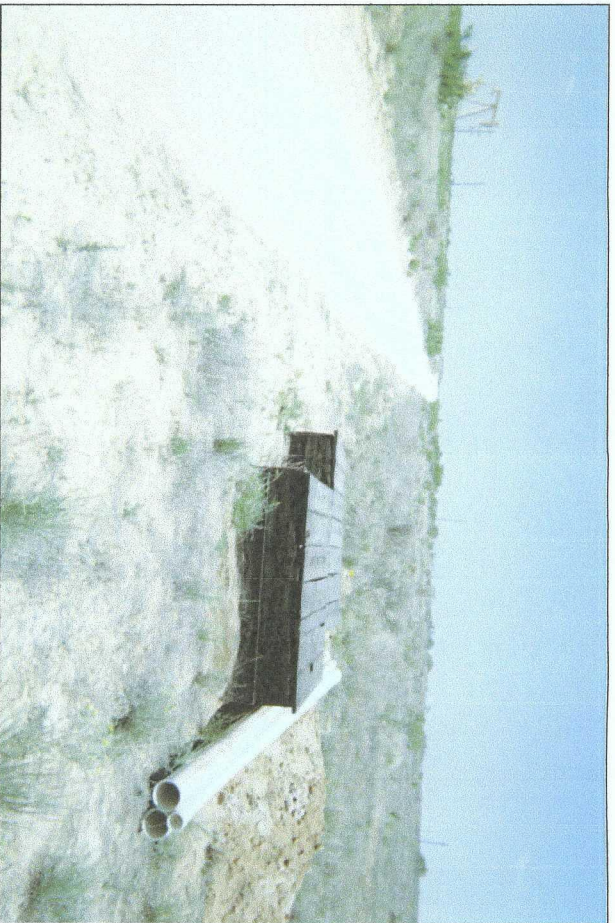
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Noel Carmona SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE 

DATE 8/2/2007 TITLE Project Scientist

BD E-23 vent



undisturbed junction box

7/14/2003



box removed, beginning excavation & delineation

2/9/2007



backfilling 10 x 10 x 12-ft excavation

3/2/2007



seeding backfilled surface

3/20/2007



PHONE (915) 873-7001 • 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

COPY

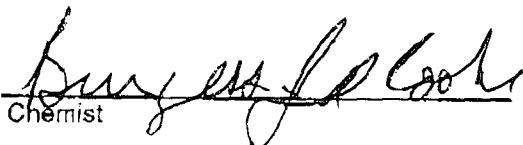
Receiving Date: 02/14/07
Reporting Date: 02/17/07
Project Number: NOT GIVEN
Project Name: B.D. VENT E-23
Project Location: NOT GIVEN

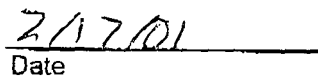
Sampling Date: 02/13/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		02/16/07	02/16/07	02/16/07
H12197-1	BLENDED BACKFILL	<10.0	181	64
H12197-2	5PT. BTM. COMP. @ 12'	<10.0	<10.0	64
H12197-3	4 WALL COMP. @ 10'x10'	<10.0	36.1	160
Quality Control		798	794	500
True Value QC		800	800	500
% Recovery		99.8	99.2	100
Relative Percent Difference		0.1	3.1	1.0

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

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


Chemist


Date

h12197

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[illegible]

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

FILL DATE: 11-28-02

ACCURACY: +/- 2%

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

EXP. DATE: 5-28-07

METER READING ACCURACY: 100.00000

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	Vent E-23	E	23	215	37E

SAMPLE	PID Results	Sample	PID Results
N. Wall	1 14.6	E. Wall	1 17.1
	2 4.8		2 6.6
	3 8.5		3 5.3
	4 3.4		4 3.1
	5 1.6		5 13.0
N. Wall Comp.	12.9	E. Wall Comp	14.3
S. Wall	1 2.8	W. Wall	1 8.3
	2 5.0		2 1.0
	3 14.7		3 5.9
	4 2.0		4 5.5
	5 3.3		5 5.2
S. Wall Comp	6.0	W. Wall Comp	2.9
4. Wall Comp @	6.2		
10' X 10' X 12'			

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

SIGNATURE: [Signature]

DATE: 2-13-07

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.

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

MODEL: PGM 761S

MODEL: PGM 7600

MODEL: PGM 7600

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SERIAL NO: 104412

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LOT NO: 05-2992

FILL DATE: 11-28-07

ACCURACY: +/- 2%

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

EXP. DATE: 5-28-07

METER READING ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	Vent J-32	J	32	215	37E

SAMPLE	PID Results	Sample	PID Results
BTM @ 12'	1	3.6	
	2	6.6	
	3	2.8	
	4	2.2	
	5	3.9	
BTM Comp @ 12'	5.0		
Blended Backfill	26.0		

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

SIGNATURE: [Signature]

DATE: 2-13-07



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ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

COPY

Receiving Date: 02/28/07
Reporting Date: 03/03/07
Project Number: NOT GIVEN
Project Name: VENT E 23
Project Location: B.D. SYSTEM

Sampling Date: 02/28/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)
		03/01/07	03/01/07
H12275-1	RESAMPLE BLENDED BACKFILL	<10.0	109
	1:4 blend of clean import + excavated soil		
	Quality Control	796	748
	True Value QC	800	800
	% Recovery	99.5	93.5
	Relative Percent Difference	<0.1	3.4

METHOD: SW-846 8015 M

Chemist

Date

H12275

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.

ORDINAL LABORATORIES, INC.

2111 Beechwood, Allene, TX 79603 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.