1R - 426-236

REPORTS

DATE:

3-19-10

BD I-25-1 EOL
2009

IR426-236

RECEIVED
APR - 6 2010
Environmental Bureau
Oil Conservation Division

CLOSURE

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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 IN FEET		
							Length	Width	Depth
Blinebry-Drinkard (BD)	I-25-1 EOL	I	25	21S	36E	Lea	Eliminated		

LAND TYPE: BLM ___ STATE ___ FEE LANDOWNER George W. Brownlee OTHER ___

Depth to Groundwater 148 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20*

Date Started 9/29/2009 Date Completed 12/11/2009 OCD Witness no

Soil Excavated 133.3 cubic yards Excavation Length 30 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS:

Sample Date 12/3/2009 **Sample Depth** 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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
4-WALL COMP.	0.5	<10.0	<10.0	640
BOTTOM COMP.	2.5	<10.0	<10.0	384
BACKFILL COMP.	0.5	<10.0	11	304

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	606
bottom comp.	12'	442
backfill comp.	n/a	316
vertical delineation trench at 5' south of source	2'	143
	4'	373
	6'	297
	8'	311
	10'	335
	12'	314

General Description of Remedial Action: This junction box was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect samples at regular intervals producing a 30x10x12-ft deep excavation. Chloride field tests were performed on each sample which yielded low concentrations. Organic vapors, measured using a PID, also yielded low concentrations. The excavated soil was blended on-site and representative composite samples were collected from the blended backfill, the bottom of the excavation, and the excavation walls. The representative samples were sent to a commercial laboratory for analysis of chloride and TPH. Laboratory analysis confirmed low concentrations of chloride and TPH. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 12/30/09, the site was seeded with a native blend of vegetation and is expected to return to a productive capacity at a normal rate.

*Sanitation well located 1000 ft. northwest

enclosures: photos, lab results, PID (field) screenings, chloride curve

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 Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr DATE 3-19-10

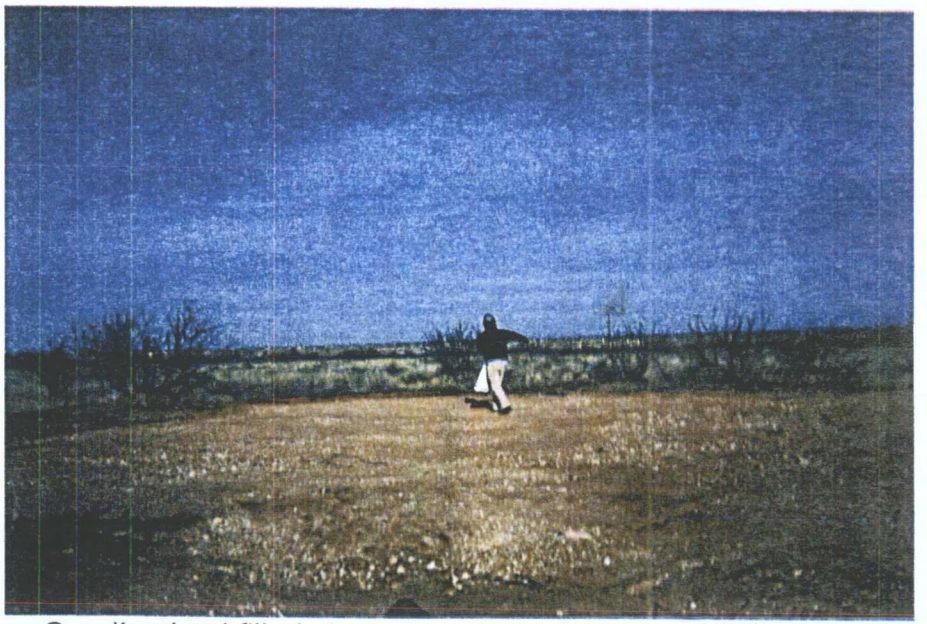
BD I-25-1 EOL

Unit I, Section 25, T21S, R36E

South of source 11/20/2009

Sampling source (south) 11/20/2009

Cleaning out excavation 12/2/2009



Seeding backfilled site 12/30/2009

CARDINAL LABORATORIES

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

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

Receiving Date: 12/03/09
Reporting Date:12/09/09
Project Number: NOT GIVEN
Project Name: B.D. JCT I-25-1 EOL
Project Location: B.D. JCT I-25-1 EOL

Sampling Date: 12/03/09
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		12/08/09	12/08/09	12/04/09
H18824-1	5PT BOTTOM COMPOSITE @ 12FT.	<10.0	<10.0	384
H18824-2	4 WALL COMPOSITE 25x10	<10.0	<10.0	640
H18824-3	BLENDED BACKFILL	<10.0	11.0	304
Quality Control		536	549	500
True Value QC		500	500	500
% Recovery		107	110	100
Relative Percent Difference		0.5	0.4	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB
*Analysis performed on a 1:4 w:v aqueous extract.
Reported on wet weight.

Chemist

12/10/09
Date

H18824 TCL RICE

CARDINAL LABORATORIES

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

Company Name: Rice Operating
Project Manager: Bruce Baker
Address: 122 W. Taylor
City: Hobbs State: N.M Zip: 88240
Phone #: Fax #: 575-397-1471
Project #: Project Owner:
Project Name:
Project Location: BD JCT I-25-1 EOL
Sampler Name: Dennis Mitchell

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

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: 8015 m TPH	Cl
H18824-1	5pt Bottom Composite @ 12FT	C	1			✓					✓		~~11-3-09~~ 12-3-09	1pm	✓	✓
-2	4 wall composite 25x10	C	1			✓					✓		~~11-3-09~~ 12-3-09	1:45pm	✓	✓
-3	Blended Backfill	C	1			✓					✓		~~11-3-09~~ 12-3-09	2:15pm	✓	✓

COPY

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Date: Time: Received By:

Relinquished By: Dennis Mitchell Date: 12-3-09 Time: 4:45 Received By: [signature]

Delivered By: (Circle One) Temp.
Sampler - UPS - Bus - Other:

Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No

CHECKED BY: (Initials) [initials]

Phone Result: ☐ No Add'l Phone #:
Fax Result: ☐ No Add'l Fax #:
REMARKS: Called Darrell + Sampled 12/3/09 ...
RESULTS B.Baker @ RiceSWD .Com
Bruce Baker 631-5757, Darrell - 631-0581
J Purvis @ Rice SWD .Com

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

RICE OPERATING COMPANY

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

PID METER CALIBRATION & FIELD REPORT FORM

CFL MODEL NO.	✓	MODEL: PGM 7300	SERIAL NO: 590-000183
		MODEL: PGM 7600	SERIAL NO: 110-013744
		MODEL: PGM 7600	SERIAL NO: 110-12383
		MODEL: PGM 7600	SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 26-E13	EXPIRATION DATE: 7-5-26
FILL DATE: 1-5-26	METER READING ACCURACY: 100.6 ppm

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	I 35-1 EOL	F	35	21	36

FINAL SAMPLES

SAMPLE ID	PID	SAMPLE ID	PID
5 PT. BOTTOM Comp @ 12'	2.5		
4 wall Composite	0.5		
Blended Backfill	0.5		
		SOIL	

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

SIGNATURE: [signature] DATE: 1-6-26

BD I-25-1 EOL

Unit 'I', Sec. 25, T12S, R36E

Backhoe samples at 5' south of source

Depth bgs (ft)	[Cl⁻] ppm
2	143
4	373
6	297
8	311
10	335
12	314

Groundwater = 148 ft