1R - 426-238

REPORTS

DATE:

12-18-09

BD Jct I-25
2009

IR426-238

RECEIVED
APR - 6 2010
Environmental Bureau
Oil Conservation Division

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
Blinebry-Drinkard (BD)	Jct. I-25	I	25	21S	36E	Lea	eliminated		

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

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

Date Started 8/31/2009 Date Completed 9/16/2009 OCD Witness no

Soil Excavated 22.2 cubic yards Excavation Length 5 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS:

Sample Date 9/4/2009 **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.	0.9	<10.0	<10.0	640
BOTTOM COMP.	1.2	<10.0	<10.0	464
BLENDED BACKFILL	1.4	<10.0	<10.0	256

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	574
bottom comp.	12'	418
blended backfill	n/a	323
background	6"	119
vertical delineation trench at 5 ft West of the junction (source)	2'	149
	4'	238
	6'	238
	8'	238
	10'	240
	12'	239

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals creating a 5x10x12-ft excavation. The excavation could not be extended any further to the south due to the close proximity of active lines and a lease road. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors, measured using a PID, also yielded low concentrations. Laboratory analysis of the representative composite samples confirmed low concentrations of each. The excavated soil was blended on site and returned to the excavation to ground surface and contoured to the surrounding area. On 9/16/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

**A sanitation well is located 1100 feet south of the location.*

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 Eric Garrison 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 12-18-09

BD Jct. I-25

Unit I, Section 25, T21S, R36E

excavating the former junction box, facing north 8/31/2009

collecting a soil sample, facing north 8/31/2009

final 5x10x12-ft excavation, facing east 9/16/2009

seeding backfilled site, facing west 9/16/2009

CARDINAL LABORATORIES

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

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

Receiving Date: 09/04/09
Reporting Date: 09/09/09
Project Number: NOT GIVEN
Project Name: BD I-25
Project Location: BD I-25

Sampling Date: 09/04/09
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: CK
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		09/08/09	09/08/09	09/06/09
H18194-1	5PT BTTM COMP @ 12'	<10.0	<10.0	464
H18194-2	4 WALL COMP @ 5'X10'	<10.0	<10.0	640
H18194-3	BLENDED BACKFILL	<10.0	<10.0	256
Quality Control		447	418	490
True Value QC		500	500	500
% Recovery		89.4	83.6	98.0
Relative Percent Difference		4.5	3.2	2.0

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

Chemist

09/09/09
Date

H18194 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: Eric Garrison
Address: 122 W Taylor
City: Hobbs State: NM Zip: 88240
Phone #: (575) 393-9174 Fax #: (575) 397-1471
Project #: Project Owner:
Project Name: BD I-25
Project Location: BD I-25
Sampler Name:

BILL TO

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

ANALYSIS REQUEST: 8015M TPH; Cl⁻

COPY

Lab I.D. H18194-	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⁻
1	5pt btm comp @ 12'	C	1			X					X		9-4-09	13:15	X	X
2	4wall comp @ 5' & 10'	C	1			X					X		9-4-09	13:45	X	X
3	Blended Backfill	C	1			X					X		9-4-09	14:00	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 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.

Sampler Relinquished: Eric Garrison Date: Time: Received By:

Relinquished By: Date: 9/4/09 Time: 4:40 Received By: [signature]

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

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

CHECKED BY: (Initials) ADK

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

REMARKS:
Results
Egarrison@riceswd.com
JPurvis@riceswd.com
BBaker@riceswd.com

† 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
X	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 : 424908	EXPIRATION DATE: 07-29-12
FILL DATE: 07-30-09	METER READING ACCURACY: 100PPm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	I-25	I	25	21S	36E

5' South

SAMPLE ID	PID	SAMPLE ID	PID
2'	0.3	5PT BTM @ 12'	1.2
4'	0.4	4 Wall comp @ 10'x5'	0.9
6'	0.6	Blended Back Fill	1.4
8'	0		
10'	0		
12'	0		

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

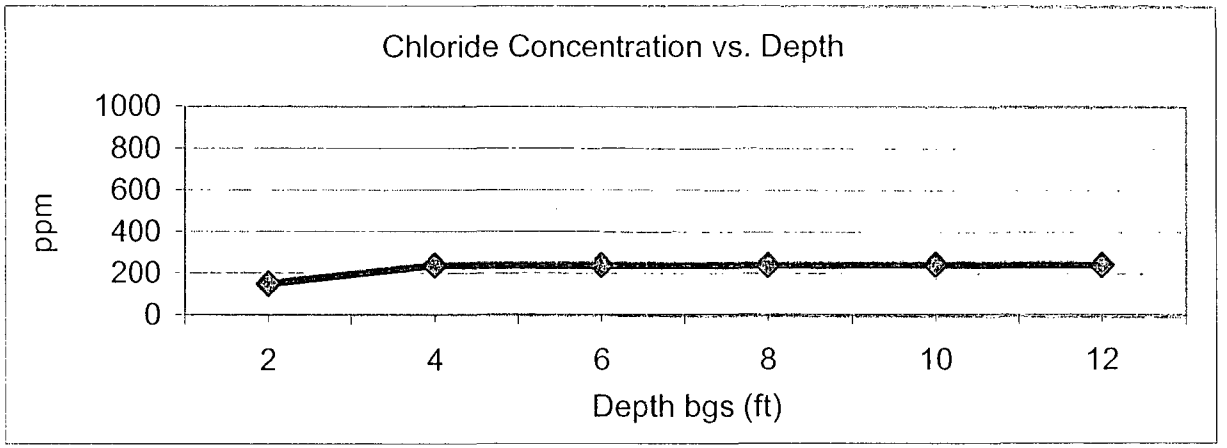
SIGNATUE: Enid Garrison DATE: 9-2-09

BD Jct. I-25

Unit 'I', Sec. 25, T21S, R36E

Backhoe samples at 5 ft West of the junction (source)

Depth bgs (ft)	[Cl⁻] ppm
2	149
4	238
6	238
8	238
10	240
12	239



Groundwater = 148 ft