

1R - 425-100

REPORTS

DATE:

2-1-11

1R425-100

Vacuum M-31 EOL

2010

RECEIVED

APR - 1 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87501

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Vacuum	M-31 EOL	M	31	17S	35E	Lea	Length	Width	Depth
							Eliminated		

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

Depth to Groundwater 95 feet NMOC SITE ASSESSMENT RANKING SCORE: 10

Date Started 10/18/2010 Date Completed 10/25/2010 OCD Witness no

Soil Excavated 1.9 cubic yards Excavation Length 5 Width 2 Depth 5 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/20/2010 Sample Depth 5 ft

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOC guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 5' GRAB	0.4	<10.0	<10.0	208

LOCATION	DEPTH	mg/kg
background	6"	137
vertical delineation trench at the junction (source)	2'	505
	3'	770
	4'	295
	5'	142

General Description of Remedial Action: This junction box was addressed during the Vacuum SWD System abandonment. After the former junction box was removed an investigation was conducted using a backhoe to collect soil sample at regular intervals creating a 5x2x5-ft deep excavation. Each sample was field tested for chlorides and organic vapors which yielded low concentrations similar to that of the background sample.

The deepest sample, 5 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 to ground surface and contoured to the surrounding area. On 10/25/10, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

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 John Harrison SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL ZC

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 2-1-11

Vacuum M-31 EOL

Unit M, Section 31, T17S, R35E



Digging initial vertical delineation trench

10/18/2010



Collecting Sample

10/18/2010



Backfilling site

10/25/2010



Seeding site

10/25/2010

Analytical Results For:

 Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 10/20/2010
 Reported: 10/21/2010
 Project Name: VAC M-31 EOL
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/20/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOURCE @ 5' (H021109-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/21/2010	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2010	ND	168	84.1	200	6.29	
DRO >C10-C28	<10.0	10.0	10/21/2010	ND	191	95.7	200	11.4	
Surrogate: 1-Chlorooctane		95.7 %	70-130						
Surrogate: 1-Chlorooctadecane		92.6 %	70-130						

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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

Company Name: Rice Operating Company

ANALYSIS REQUEST

[illegible][illegible]

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Phone Result:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Fax Result:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
REMARKS:		
email results		
Bbaker@riceswd.com; KJones@riceswd.com;		
Regans@riceswd.com <i>Rharrison@riceswd.com</i>		

NEED SAMPLES BACK, PLEASE

927

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

X

Model: PGM 7300

Serial No: 590-000183

Model: PGM 7300

Serial No: 590-000508

Model: PGM 7300

Serial No: 590-000504

Model: PGM 7600

Serial No: 110-023920

Model: PGM 7600

Serial No: 110-013744

Model: PGM 7600

Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 930737	EXPIRATION DATE: 6-16-13
METER READING ACCURACY: 100-1	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	M-31	M	B1	175	35E

SAMPLE ID	PID	SAMPLE ID	PID
Source @ 4'	0.6		
@ 5'	0.4		

COPY

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

SIGNATURE:

[Signature]

DATE: 10-20-10

Vacuum M-31 EOL

Unit 'M', Sec. 31, T17S, R35E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
2	505
3	770
4	295
5	142

Groundwater = 95 ft

