

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company: Rice Operating	Contact: Tony Grieco
Address: 122 W. Taylor St., Hobbs, NM 88240	Telephone No.: (575) 393-9174
Facility Name: BD	Facility Type: Salt Water Gathering System
Surface Owner: Irvin Boyd	Mineral Owner
Lease No.	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M,P	14,15	22S	37E					LEA

Latitude: 32°23.131 N Longitude: 103°08.528W

**NATURE OF RELEASE**

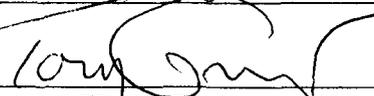
Type of Release: <b>PRODUCED WATER</b>	Volume of Release: <b>850 BBLs</b>	Volume Recovered: <b>200 BBLs</b>
Source of Release: <b>SWD PIPELINE</b>	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: <b>8/27/06 10:30 AM</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>GARY WINK</b>	
By Whom? <b>NOE CARMONA</b>	Date and Hour: <b>8/27/06 1:40 PM</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*: **A four inch PVC line split. The line was replaced with new schedule 40 PVC.**

Describe Area Affected and Cleanup Action Taken.\*: **Approximately two acres (86,421 sq ft) were affected. A vacuum truck was dispatched immediately to pick up and dispose standing fluid. On 8/29/06 four inches (74 yds) of impacted soil were scraped from the east side of the highway and disposed at Sundance disposal facility. 12 yds of sand were imported, and the site was contoured to prevent runoff. The initial C-141 was submitted 8/29/06. Delineation activities were conducted from the time of discovery and completed October 2007. The entire area west of the highway was scraped on 10/3-5/07 to a depth of three inches and 144 yds of impacted soil were exported to Sundance; 84 yds of clean sand were imported. Lesser impacted soil was remediated on site; lab samples confirm that OCD TPH requirements were met. On 10/31/07 Soil on site on the west side was blended with amendments (coarse hay to improve soil structure and fertility) and spread, 120 yds of clean soil were imported and used to fill an area which had been more deeply excavated; the dike on the east side of the highway was broken down, spread out and the entire area was contoured. The entire site was seeded on 11/27/07 with a blend of native vegetation.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Tony Grieco	Approved by District Supervisor: 	
Title: Environmental Tech	Approval Date: <u>12/27/07</u>	Expiration Date: <u>12/27/07</u>
E-mail Address: <u>tgrieco@riceswd.com</u>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11/27/07	Phone: (575) 393-9174	

\* Attach Additional Sheets If Necessary

RP# 1699

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State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-1  
Revised October 10, 2  
Submit 2 Copies to approp.  
District Office in accorda  
with Rule 116 on b  
side of ff

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company: Rice Operating Company	Contact:
Address: 122 West Taylor	Telephone No.: 505-393-9174
Facility Name: BD	Facility Type: Salt Water Disposal System
Surface Owner: D.K. Boyd	Mineral Owner: Lease No.:

**LOCATION OF RELEASE**

Unit Letter M, P	Section 14, 15	Township 22S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude: 32\*23.131N Longitude: 103\*08.528W

**NATURE OF RELEASE**

Type of Release: Produced Water	Volume of Release: 850 barrels*	Volume Recovered: 200 barrels
Source of Release: SWD pipeline	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: 8/27/06 10:30 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Gary Wink	
By Whom? Noe Carmona	Date and Hour: 8/27/06 1:40 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse:	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* 4" PVC split. Replaced with new schedule forty PVC.

Describe Area Affected and Cleanup Action Taken.\* Approximately 2 acres were affected. A vacuum truck was used to pick up standing fluid. Equipment is being used to scrape the top 4" of impacted soil and haul it to a NMOCD-approved disposal facility. Due to expected heavy rainfall the release site is being contoured to prevent runoff. Investigation and Characterization Plan to follow.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

**OIL CONSERVATION DIVISION**

Signature: <i>Jennifer Johnson</i>	Approved by District Supervisor: <i>Chris Williams</i>	
Printed Name: Jennifer Johnson	Approval Date: 12/27/07	Expiration Date: 12/27/07
Title: Environmental and Field Technician	Conditions of Approval:	
E-mail Address: jjohnson@riceswd.com	Attached <input type="checkbox"/>	
Date: 8/28/06	Phone: 505-393-9174	

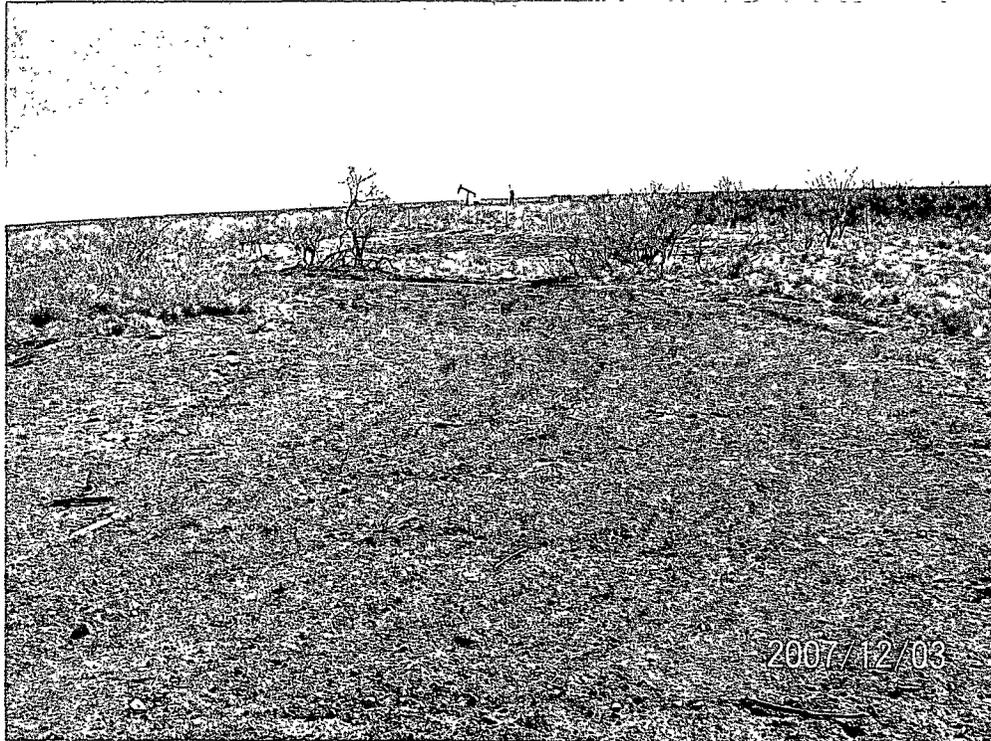
• Attach Additional Sheets If Necessary

\* Approximately 850 barrels of produced water was released. Due to heavy rain and standing rainwater, the produced water was diluted 1 part rainwater to 2 parts produced water.

# BD P-15 LEAK



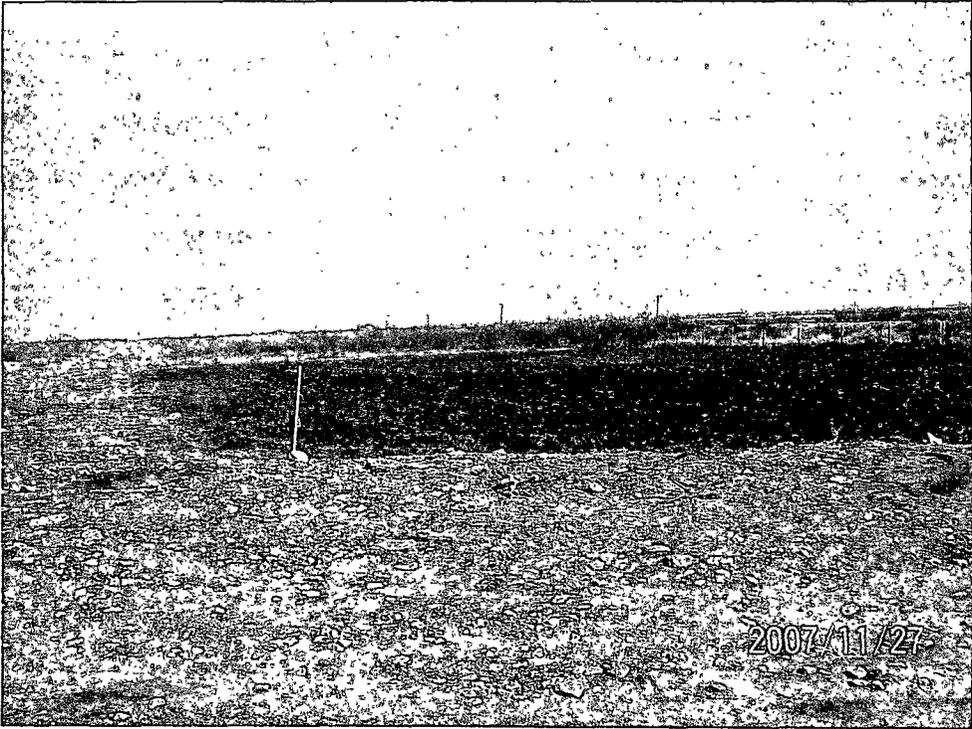
LEAK SITE EAST OF HIGHWAY, FACING EAST. NOTE POND AREA IN BACKGROUND.



# BD P-15 LEAK



**FACING NORTH FROM SOURCE. CHEVRON ROW IS ON THE LEFT (WEST)**



# BD P-15 LEAK SITE WEST OF HWY 18

UL/P SEC 15 T-22-S R-37-E GW: 75ft LANDOWNER: IRVIN BOYD

**KEY**

0 25 50ft

✦ Sample Point  
118 Chloride value  
before scrape

▭ Delineation Trench

## FIELD CHLORIDE RESULTS (PPM) BEFORE AND AFTER SCRAPE

**NW 1/4 SURFACE**  
AFTER SCRAPE PID  
FLD COMP: 13.3 PPM

**NE 1/4 SURFACE**  
AFTER SCRAPE PID  
FLD COMP: 1.8 PPM

**TRENCH #7 CI PPM**

- S 373
- 1' 437
- 2' 511
- 3' 303
- 4' 155
- 5' 58
- 6' 58
- 7' 57
- 8' 61

**LAB RESULTS**

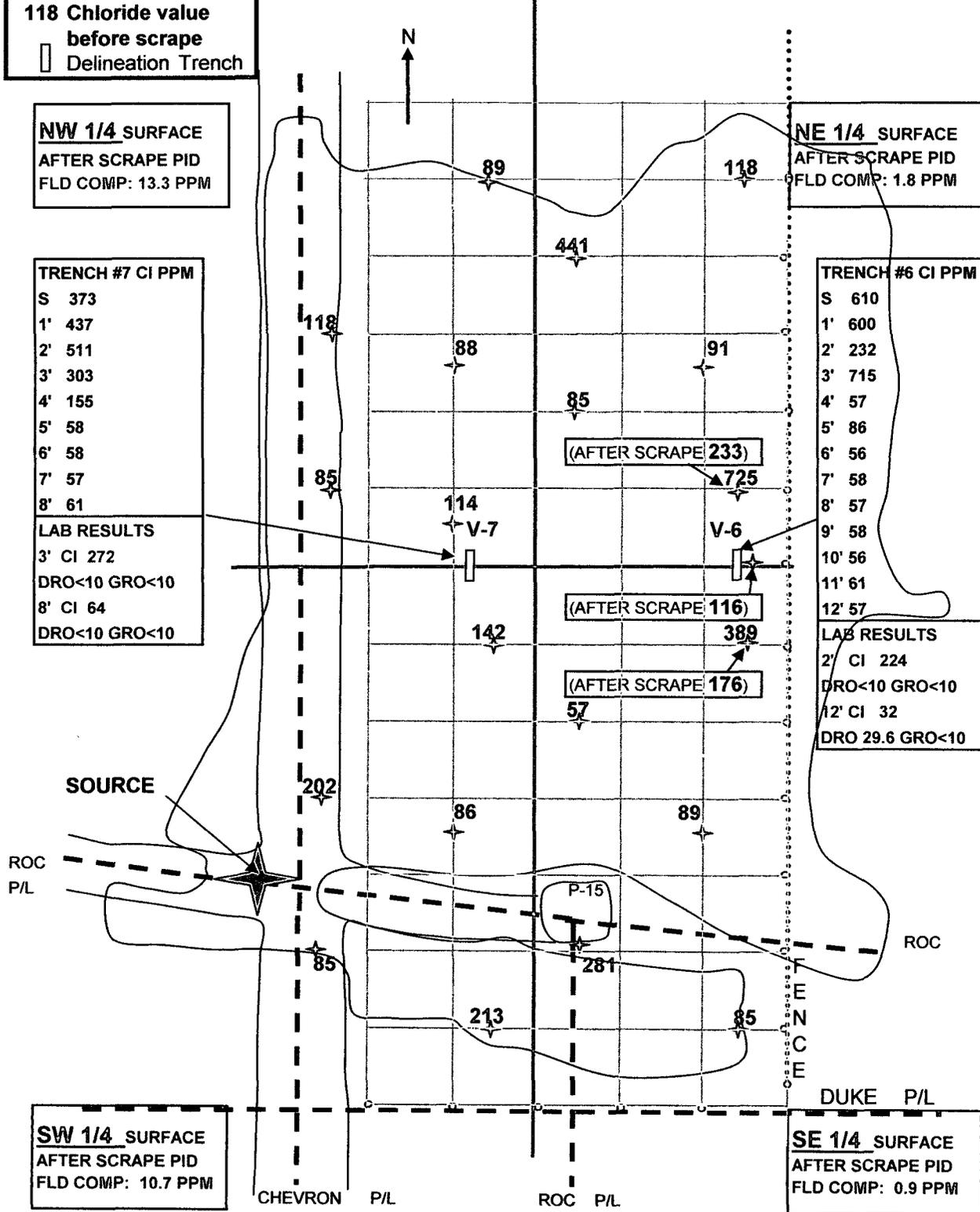
- 3' CI 272
- DRO<10 GRO<10
- 8' CI 64
- DRO<10 GRO<10

**TRENCH #6 CI PPM**

- S 610
- 1' 600
- 2' 232
- 3' 715
- 4' 57
- 5' 86
- 6' 56
- 7' 58
- 8' 57
- 9' 58
- 10' 56
- 11' 61
- 12' 57

**LAB RESULTS**

- 2' CI 224
- DRO<10 GRO<10
- 12' CI 32
- DRO 29.6 GRO<10





PHONE (915) 673-7001 • 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

Receiving Date: 02/02/07  
 Reporting Date: 02/08/07  
 Project Number: NOT GIVEN  
 Project Name: BDP-15 W  
 Project Location: NOT GIVEN

Sampling Date: 01/29/07  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: BC  
 Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		02/06/07	02/06/07	02/03/07
H12132-1	VERTICAL #6 12'	<10.0	29.6	32
H12132-2	VERTICAL #7 8'	<10.0	<10.0	64
Quality Control		801	771	500
True Value QC		800	800	500
% Recovery		100	96.4	100
Relative Percent Difference		0.1	2.3	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std Methods 4500-ClB

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

  
 Chemist

2/8/07  
 Date

H12132

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.



# CARDINAL LABORATORIES, INC.

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page \_\_\_\_ of \_\_\_\_

Company Name: <u>Rice Operating Co.</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: <u>Pat Rastone</u>		P.O. #:							
Address: <u>128 W TAYLOR</u>		Company:							
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:							
Phone #: <u>393-9174</u> Fax #: <u>397-1471</u>		Address:							
Project #: _____ Project Owner: _____		City:							
Project Name: <u>BD P-15 W</u>		State: _____ Zip: _____							
Project Location: _____		Phone #:							
Sampler Name: <u>Tony Grieco</u>		Fax #:							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		CHLORIDE	TPH	BOIS	M		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME						
<u>11/21/07-1</u>	<u>VERTICAL #6 12'</u>	<input checked="" type="checkbox"/>	<u>1</u>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>			<u>1/29/07</u>	<u>10:00</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
<u>2</u>	<u>VERTICAL #7 8'</u>	<input checked="" type="checkbox"/>	<u>1</u>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>			<u>1/29/07</u>	<u>12:00</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

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 analysis. Advances: Advances for reagents 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 interruption, 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 claims are based upon any of the above stated reasons or otherwise.

Sampler Relinquished By: <u>Tony Grieco</u>		Date: <u>2/2/07</u> Time: <u>8:26 AM</u>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:		Date:	Received By: (Lab Staff) <u>Burgess Cook</u>	REMARKS: <u>E mail results to tgrieco@nceswd.com</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other		Sample Condition Temp. °C <u>cool</u>	Contact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Checked By (Initials)	

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

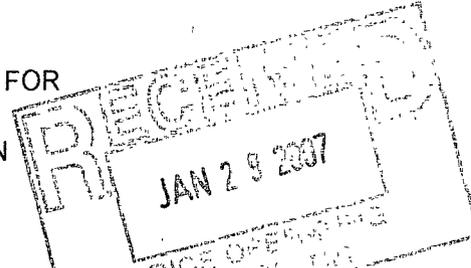


# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 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



Receiving Date: 01/24/07  
Reporting Date: 01/25/07  
Project Number: NOT GIVEN  
Project Name: BD P-15 W  
Project Location: NOT GIVEN

Sampling Date: 01/24/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		01/24/07	01/24/07	01/25/07
H12076-1	VERTICAL #6 2'	<10.0	48.8	224
H12076-2	VERTICAL #7 3'	<10.0	<10.0	272
Quality Control		793	793	480
True Value QC		800	800	500
% Recovery		99.1	99.1	96.0
Relative Percent Difference		0.5	2.9	4.1

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

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

Burgess A. Coche  
Chemist

1/25/07  
Date

H12076

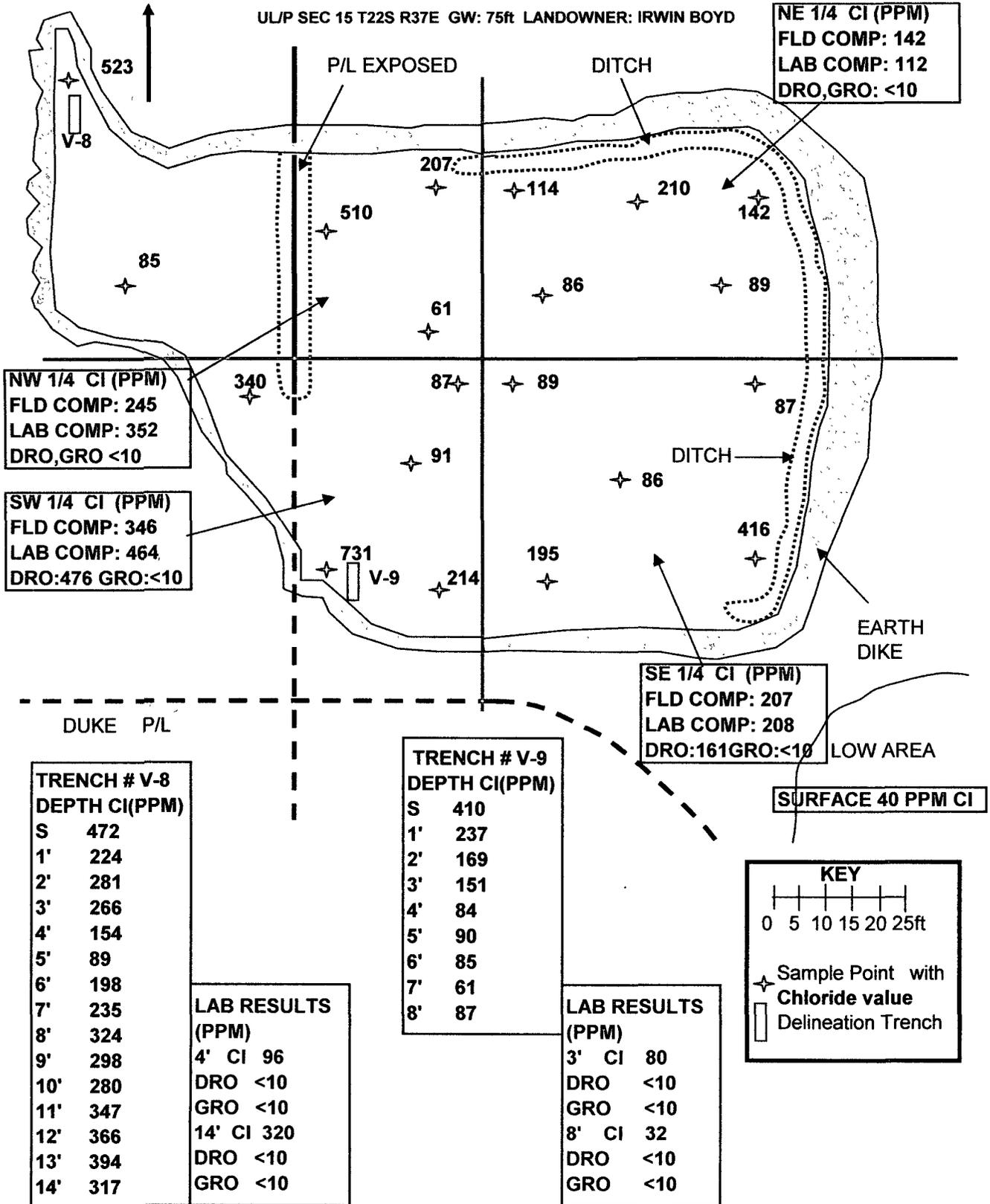
PLEASE NOTE **Liability and Damages** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived 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.



FIELD CHLORIDE RESULTS (PPM) AFTER SCRAPE

**P-15 LEAK EAST SIDE OF HWY**

UL/P SEC 15 T22S R37E GW: 75ft LANDOWNER: IRWIN BOYD



**NE 1/4 CI (PPM)**  
 FLD COMP: 142  
 LAB COMP: 112  
 DRO,GRO: <10

**NW 1/4 CI (PPM)**  
 FLD COMP: 245  
 LAB COMP: 352  
 DRO,GRO <10

**SW 1/4 CI (PPM)**  
 FLD COMP: 346  
 LAB COMP: 464  
 DRO:476 GRO:<10

**SE 1/4 CI (PPM)**  
 FLD COMP: 207  
 LAB COMP: 208  
 DRO:161GRO:<10

**TRENCH # V-8**

DEPTH	CI(PPM)
S	472
1'	224
2'	281
3'	266
4'	154
5'	89
6'	198
7'	235
8'	324
9'	298
10'	280
11'	347
12'	366
13'	394
14'	317

**LAB RESULTS (PPM)**  
 4' CI 96  
 DRO <10  
 GRO <10  
 14' CI 320  
 DRO <10  
 GRO <10

**TRENCH # V-9**

DEPTH	CI(PPM)
S	410
1'	237
2'	169
3'	151
4'	84
5'	90
6'	85
7'	61
8'	87

**LAB RESULTS (PPM)**  
 3' CI 80  
 DRO <10  
 GRO <10  
 8' CI 32  
 DRO <10  
 GRO <10

**SURFACE 40 PPM CI**

**KEY**

0 5 10 15 20 25ft

✦ Sample Point with Chloride value  
 ▭ Delineation Trench



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E MARLAND • HOBBS NM 88240

RECEIVED

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

FEB 15 2007

RICE OPERATING  
 HOBBS NM

Receiving Date: 02/07/07  
 Reporting Date: 02/09/07  
 Project Number: NOT GIVEN  
 Project Name: BD P-15 E  
 Project Location: NOT GIVEN

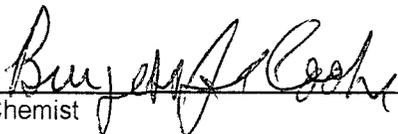
Sampling Date: 02/06/07  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: NF  
 Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		02/09/07	02/09/07	02/07/07
H12161-1	VERTICAL #8 14'	<10.0	<10.0	320
H12161-2	VERTICAL #9 8'	<10.0	<10.0	32
Quality Control		798	799	490
True Value QC		800	800	500
% Recovery		99.7	99.9	98.0
Relative Percent Difference		0.2	0.2	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl\* Std. Methods 4500-ClB

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

505 -

  
 Chemist

2/9/07  
 Date

H12161

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.



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(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page \_\_\_ of \_\_\_

Company Name: <u>RICE Operating</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>							
Project Manager: <u>Roy Rascon</u>				F.O. #:											
Address: <u>122 W. Taylor</u>				Company:											
City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>		Attn:									
Phone #: <u>393-9174</u>		Fax #: <u>397-1471</u>		Address:											
Project #:		Project Owner:		City:											
Project Name: <u>BDP-15 E</u>				State:				Zip:							
Project Location:				Phone #:											
Sampler Name: <u>TONY GRIBCO</u>				Fax #:											
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		# GRAB OR (COMP. CONTAINERS)	MATRIX			PRESERV.		SAMPLING		C H L O R I D E S T P H 8 0 1 5 M			
					GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:			ACID/BASE ICE / COOL OTHER:		DATE				TIME	
<u>H12161-1</u>		<u>VERTICAL #8 14'</u>		<u>6</u>						<u>2/6/07</u>				<u>12:30</u>	
<u>-2</u>		<u>VERTICAL #9 8'</u>		<u>6</u>						<u>2/6/07</u>		<u>2:30</u>			

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 analysis. 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 associates arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Interest and Penalties: 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 collection, including attorney's fees.

Sampler Relinquished:		Date: <u>2/7/07</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>[Signature]</u>		Time: <u>8:30 AM</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:		Date:	Received By: (Lab Staff)	REMARKS: <u>email results</u>
		Time:		<u>tgribco@ricestud.com</u>
Delivered By: (Circle One)		Sample Condition	Checked By:	
Sampler - UPS - Bus - Other:		Temp. °C	Intact?	
		<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Intact	
		<input type="checkbox"/> No	<input type="checkbox"/> Not Intact	

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.







**ARDINAL  
LABORATORIES**

PHONE (325) 673-7001 • 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

HOBBS NM  
RICE OPERATING  
JAN 25 2007

RECEIVED

Receiving Date: 01/23/07  
Reporting Date: 01/24/07  
Project Number: NOT GIVEN  
Project Name: BD P-15 E LEAK  
Project Location: NOT GIVEN

Sampling Date: 01/22/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC/LB

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		01/23/07	01/23/07	01/23/07
H12070-1	NE 1/4 5 POINT COMP.	<10.0	<10.0	112
H12070-2	NW 1/4 5 POINT COMP.	<10.0	<10.0	352
H12070-3	SW 1/4 5 POINT COMP.	<10.0	476	464
H12070-4	SE 1/4 5 PT COMPOSITE	<10.0	161	208
Quality Control		786	796	520
True Value QC		800	800	500
% Recovery		98.2	99.5	104
Relative Percent Difference		1.2	0.6	5.8

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

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

*Bryan A. Cooke*  
Chemist

1/24/07  
Date

H12070

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 analysis. 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 or 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.



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page \_\_\_\_ of \_\_\_\_

Company Name: <u>Rice operations CO.</u> Project Manager: <u>ROY RASCOE</u> Address: <u>122 W TAYLOR</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>393-9174</u> Fax #: <u>397-1471</u> Project #: _____ Project Owner: _____ Project Name: <u>BD P-15 E leak</u> Project Location: _____ Sampler Name: <u>Tony Grecco</u>	<b>BILL TO:</b> P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____
---	---

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		CHLORIDE	TPH SO15M	RECEIVED	DATE	TIME
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME					
H12070-1	NE 1/4 S POINT COMPOSITE	C	1			✓					✓		1/22/07	12:15	✓	✓	RECEIVED	JAN 23 2007	10:00 AM
-2	NW 1/4 S POINT COMPOSITE	C	1			✓					✓		1/22/07	12:30	✓	✓			
-3	SW 1/4 S POINT COMP.	C	1			✓					✓		1/22/07	11:30	✓	✓			
-4	SE 1/4 S PT COMPOSITE	C	1			✓					✓		1/22/07	11:45	✓	✓			

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Sampler Relinquished By:  Date: <u>1/23/07</u> Time: <u>11:53</u>	Received By: _____ Date: _____ Time: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: <u>e mail results to tgrecco@riceswd.com</u>
Relinquished By: _____ Date: _____ Time: _____	Received By: (Lab Staff)  Date: _____ Time: _____	Delivered By: (Circle One) Sampler - UPS - Bus - Other
Sample Condition Temp. °C _____ Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Checked By: <u>NA</u> (Initials)

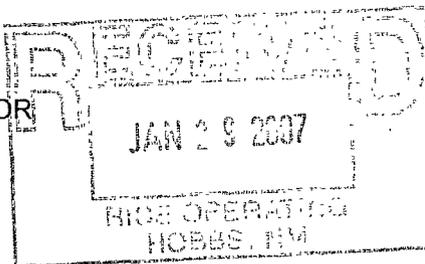


# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 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



Receiving Date: 01/24/07  
Reporting Date: 01/25/07  
Project Number: NOT GIVEN  
Project Name: BD P-15 E  
Project Location: NOT GIVEN

Sampling Date: 01/24/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		01/24/07	01/24/07	01/25/07
H12077-1	VERTICAL #8 4'	<10.0	<10.0	96
H12077-2	VERTICAL #9 3'	<10.0	<10.0	80
Quality Control		793	793	480
True Value QC		800	800	500
% Recovery		99.1	99.1	96.0
Relative Percent Difference		0.5	2.9	4.1

METHODS: TPH GRO & DRO. EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl'B

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

Bryan J. Cook  
Chemist

1/25/07  
Date

H12077

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page \_\_\_\_ of \_\_\_\_

Company Name: <b>Rice operation CO.</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>			
Project Manager: <b>POY RACONE</b>		P.O. #:					
Address: <b>122 W TAYLOR</b>		Company:					
City: <b>Hobbs</b> State: <b>NM</b> Zip: <b>88240</b>		Attn:					
Phone #: <b>393-9174</b> Fax #: <b>397-1471</b>		Address:					
Project #: _____ Project Owner: _____		City:					
Project Name: <b>PD P-15 E</b>		State: _____ Zip: _____					
Project Location: _____		Phone #: _____					
Sampler Name: <b>TONY GRIECO</b>		Fax #: _____					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.			SAMPLING		CHLORIDE	TPH	8015	M	
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL	OTHER	DATE					TIME
H12077-1	VERTICAL #8 4'	G			✓					✓			1/24/07	11:00	✓	✓	
->	VERTICAL #9 3'	G			✓					✓			1/24/07	1:00	✓	✓	

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Sampler Relinquished:		Date: <b>1/24/07</b>	Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
		Time: <b>4:00</b>	Received By: (Lab Staff)		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:		Date:			REMARKS:
Delivered By: (Circle One)		Time:	Sample Condition		
Sampler - UPS - Bus - Other.			Temp, °C		Checked By: (Initials) <b>NA</b>
			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

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