### 1R-425-85

### REPORTS

DATE:

8-11

### L. Peter Galusky, Jr. Ph.D., P.G.

Texerra

627 Forest View Way Monument, Colorado 80132 Tel: 719-339-6791 E-mail: lpg@texerra.com

August 8th, 2011

Mr. Edward Hansen

New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87505 RECEIVED

AUG 15 2011

Oil Conservation Division

RE:

INVESTIGATION & CHARACTERIZATION PLAN (AOF) REPORTS Drive Rice Operating Company – Vacuum SWD System Santa Fe, NM 87505

Rice Operating Company – Vacuum SWD System Vacuum N-28 Vent: UL/N, Sec. 28, T17S, R35E

NMOCD Case Number: 1R425-85

Sent via Certified U.S. Mail w/ Return Receipt No. 7008 1830 0004 2694 4293

Mr. Hansen:

RICE Operating Company (ROC) has retained Texerra to address potential environmental concerns at the above-referenced site in the abandoned Vacuum Salt Water Disposal (SWD) system. This report summarizes work to date completed per the OCD-approved Investigation and Characterization Plan of May 2<sup>nd</sup>, 2011 for this site.

The location of the Vacuum N-28 Vent site is given in Figure 1. A summary of soil boring analyses from samples taken in June and July 2011 are given in Figure 2. Representative photographs of this work are given in the Appendix, as are copies of laboratory analyses.

Residual soil chlorides were found in all of the soil borings near the surface and at depth in some of them. However, soil chloride concentrations dropped to below 250 mg/kg at 12 ft below ground surface (bgs) in SB-3, 40 ft bgs in SB-2, SB-5, and SB-6, and 55 ft bgs in SB-4. The depth to groundwater at this site is approximately 68 ft bgs. Residual soil petroleum hydrocarbons were low (PID readings < 100 ppm) in all soil borings except SB-1 and SB-6 where PID were detected only in the surface layers.

Taken together, these data indicate that residual chlorides and petroleum hydrocarbons are concentrated in the near-surface and at moderate depths across the site and groundwater has not been impacted. Nevertheless, to minimize the potential for future groundwater impacts we will propose to continue delineating soil surrounding the former junction box to determine possible liner dimensions. Once soil delineation is complete, a Corrective Action Plan (CAP) will be submitted to the NMOCD with recommendations.

ROC is the service provider (agent) for the Vacuum SWD System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

We appreciate your consideration of this ICP Report. Please do not hesitate to contact either Katie Jones of Rice Operating Company or myself if you have any questions or need additional information.

Sincerely,

L. Peter Galusky, Jr. Ph.D.

Copy: Rice Operating Company

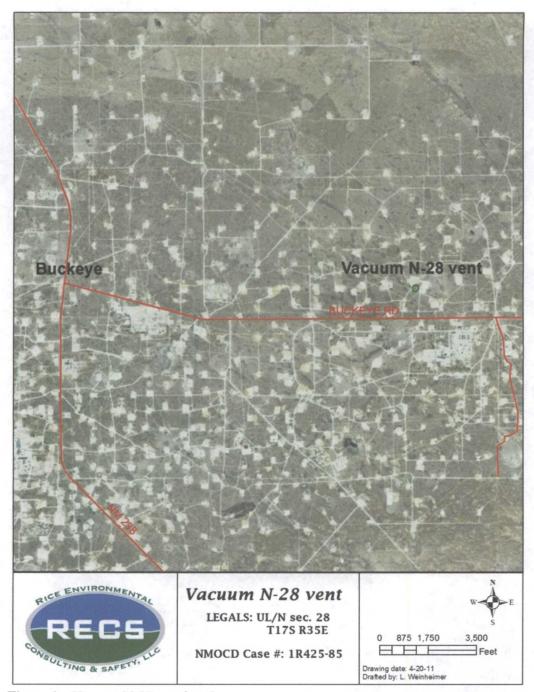


Figure 1 – Vacuum N-28 vent location.

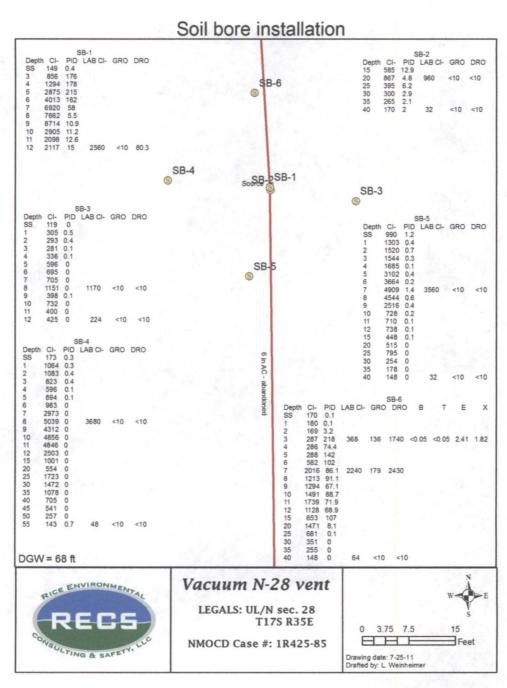
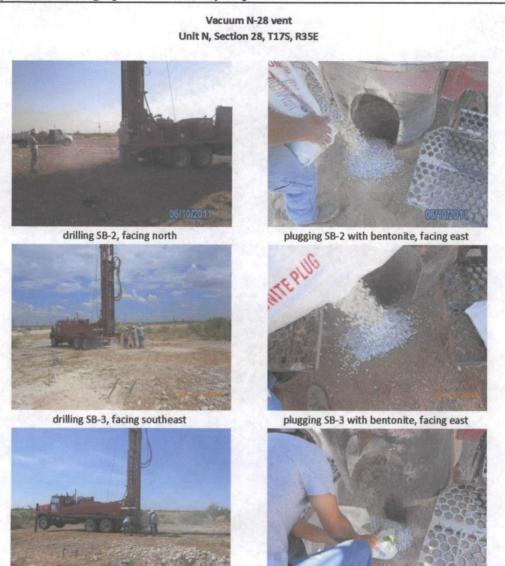


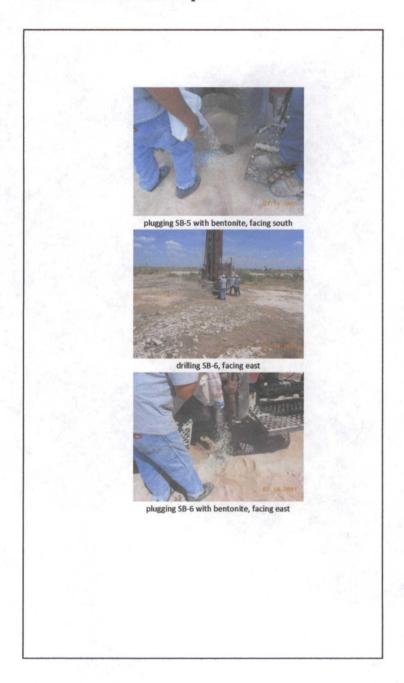
Figure 2 – Summary of soil chloride and petroleum hydrocarbon concentrations from samples taken in June and July 2011.

### Appendix - Photographs & Laboratory Reports

drilling SB-4, facing south



plugging SB-4 with bentonite, facing south





June 20, 2011

Hack Conder

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

**RE: VACUUM N-28 VENT** 

Enclosed are the results of analyses for samples received by the laboratory on 06/10/11 16:20.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received:

06/10/2011

Reported:

06/20/2011

Project Name:

**VACUUM N-28 VENT** 

Project Number: Project Location: NONE GIVEN

**NOT GIVEN** 

Sampling Date:

06/10/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: SB 2 @ 20' (H101215-01)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	06/15/2011	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/18/2011	ND	199	99.3	200	3.48	
DRO >C10-C28	<10.0	10.0	06/18/2011	ND	189	94.7	200	3.43	

Surrogate: 1-Chlorooctane

98.0 %

70-130

Surrogate: 1-Chlorooctadecane

119%

70-130

### Sample ID: SB 2 @ 40' (H101215-02)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/15/2011	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/18/2011	ND	199	99.3	200	3.48	
DRO >C10-C28	<10.0	10.0	06/18/2011	ND	189	94.7	200	3.43	
Surrogate: 1-Chlorooctane	74.8 9	% 70-130					·····	***************************************	
Surrogate: 1-Chlorooctadecane	83.4 9	% 70-130							

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

RLEASE NOTE: Liability and Damages. Cardinatis liability and client's exclusive remarky for any claim enting, whether besed in contract or tort, shell be limited to the amount paid by client for exclyaes. All claims, including those for negligence on any other cause whetherover that be deemed waked unless made in writing and received by Cardinal within thirty (30) days efter completion of the applicable service. In no event shell Cardinal be labile for incidental or consequential damage including, without limitation, business interruptional, loss of use, or loss of profits incurred by client, its authoristics, affiliates or successions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether authoristics which is based upon any of the above claims or otherwise. Results relate only to the samples identified above. This reportured exacts in fail with written approved of Cardinal Laboratories.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Reinquisned By:
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† Cardinal cannot accopt verbal changes. Please fax written changes to 505-393-2476

NEED SAMPLES BACK, PLEASE



July 28, 2011

Hack Conder

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

**RE: VACUUM N-28 VENT** 

Enclosed are the results of analyses for samples received by the laboratory on 07/15/11 8:01.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

**Total Petroleum Hydorcarbons** 

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Rice Operating Company Hack Conder 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received: Reported: 07/15/2011

07/28/2011

Project Name:

**VACUUM N-28 VENT** 

**Project Number:** Project Location: NONE GIVEN **NOT GIVEN** 

Sampling Date: Sampling Type: 07/13/2011

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: SB 3 @ 8' (H101462-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	07/15/2011	ND	416	104	400	3.77	
TPH 8015M	· mg,	/kg	Analyze	d By: ab			······································		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
GRO C6-C10	<10.0	10.0	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	<10.0	10.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	111	% 70-130	1	· · · · · · · · · · · · · · · · · · ·					
Surrogate: 1-Chlorooctadecane	123	% 70-130							

### Sample ID: SB 3 @ 12' (H101462-02)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/15/2011	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ab			·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	<10.0	10.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	109	% 70-130			***				
Surrogate: 1-Chlorooctadecane	120	% 70-130				~			

### Cardinal Laboratories

\*=Accredited Analyte



Rice Operating Company Hack Conder 112 W. Taylor Hobbs NM, 88240

(575) 397-1471 Fax To:

Received:

07/15/2011

Reported:

07/28/2011

Project Name:

**VACUUM N-28 VENT** 

Project Number: Project Location: NONE GIVEN .

**NOT GIVEN** 

Sampling Date:

07/14/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: SB 4 @ 8' (H101462-03)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	07/15/2011	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	<10.0	10.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	103	% 70-130	)						

Surrogate: 1-Chlorooctadecane

117%

124 %

70-130

70-130

### Sample ID: SB 4 @ 55' (H101462-04)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/15/2011	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/18/2011	ND -	201	101	200	3.59	
DRO >C10-C28	<10.0	10.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	114	% 70-130	 )						

### Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

Celeg D. Keine Celey D. Keene, Lab Director/Quality Manager

13



Rice Operating Company Hack Conder 112 W. Taylor Hobbs NM, 88240 (575) 397-1471

Fax To:

Received:

07/15/2011

Reported:

07/28/2011

Project Name:

VACUUM N-28 VENT

Project Number: Project Location: NONE GIVEN **NOT GIVEN** 

Sampling Date:

07/14/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: SB 5 @ 7' (H101462-05)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM			· · · · · · · · · · · · · · · · · · ·		<del></del>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	07/15/2011	ND	416	104	400	3.77	
ТРН 8015М	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	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	<10.0	10.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	104	% 70-130	)	· · · · · · · · · · · · · · · · · · ·					

Surrogate: 1-Chlorooctadecane

113%

121 %

70-130

70-130

### Sample ID: SB 5 @ 40' (H101462-06)

		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2011	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	<10.0	10.0	07/18/2011	ND	170	85.1	200	0.0329	

### Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte



Rice Operating Company Hack Conder 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received:

07/15/2011

Sampling Date:

07/14/2011

Reported:

07/28/2011

Sampling Type:

Soil

Project Name:

**VACUUM N-28 VENT** 

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN NOT GIVEN

Sample Received By:

Jodi Henson

### Sample ID: SB 6 @ 3' (H101462-07)

BTEX 8021B	mg/	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2011	ND	1.51	75.7	2.00	29.5	
Toluene*	<0.050	0.050	07/21/2011	ND	1.63	81.5	2.00	28.3	
Ethylbenzene*	2.41	0.050	07/21/2011	ND	1.73	86.7	2.00	29.0	
Total Xylenes*	1.82	0.150	07/21/2011	ND	5.21	86.9	6.00	27.7	
Surrogate: 4-Bromofluorobenzene (PIL	143	% 70-130	)						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/15/2011	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	136	50.0	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	1740	50.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	120 9	% 70-130							
Surrogate: 1-Chlorooctadecane	1199	% 70-130	1						

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Dar any other cause whatsoever shall be deemed watword unless made in writing and received by Cardinal within thirty (30) days after competition of the applicable service. In no event shall Cardinal be labble for inddental or consequinduding, without limitation, business interruptions, loss of use, or loss of profits incurred by clerk, its admissionies, affiliates or accessors enting out of or related to the performance of the services hereunder by Cardinal, regardless or accessors are string out of or related to the performance of the services hereunder by Cardinal, regardless or accessors are string out of or related to the performance of the services hereunder by Cardinal, regardless or accessors are string out of or related to the performance of the services hereunder by Cardinal to accessors are string out of or related to the performance of the services hereunder by Cardinal to accessors are string out of or related to the performance of the services hereunder by Cardinal to accessors are string out of or related to the performance of the services hereunder by Cardinal to accessors are string out of or related to the performance of the services hereunder by Cardinal to accessors are string out of or related to the performance of the services hereunder by Cardinal to accessors are string out of or related to the performance of the services hereunder by Cardinal to accessors are string out of or related to the performance of the services hereunder by Cardinal with the services hereunder by Cardinal with the accessors are string out of or related to the performance of the services hereunder by Cardinal with the services

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Rice Operating Company Hack Conder 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received:

07/15/2011

Sampling Date:

07/14/2011

Reported:

07/28/2011

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Name:

VACUUM N-28 VENT

Project Number: Project Location: NONE GIVEN

124 %

70-130

**NOT GIVEN** 

Sample Received By:

Jodi Henson

### Sample ID: SB 6 @ 7' (H101462-08)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						<del>-,</del>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	07/15/2011	ND	416	1 <b>04</b>	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ab		<b></b>	· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	179	50.0	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	2430	50.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	128	% 70-130	)						· · · · · · · · · · · · · · · · · · ·

### Sample ID: SB 6 @ 40' (H101462-09)

Surrogate: 1-Chlorooctadecane

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM				·····		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/15/2011	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/18/2011	ND	201	101	200	3.59	
DRO >C10-C28	<10.0	10.0	07/18/2011	ND	170	85.1	200	0.0329	
Surrogate: 1-Chlorooctane	114 %	6 70-130							
Surrogate: 1-Chlorooctadecane	122 %	6 70-130							

### Cardinal Laboratories

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

A-01	BFB surrogate failed due to objective matrix interference. Reanalysis not necessary.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Usefullity and Danagers. Cardinath liability and clienth exclusive remody for any data arising, whether bessed in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence an any other cause whethere is the observed waved unless made in writing and received by Cardinal within thirty (201) days efter completion of the applicable service. In no event shall Cardinal be liable for incidental or corresponded including, without installation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, efficience or accessors arising out of or collected to the performance of the services hereunder by Cardinal, regardless of whether suc datin is based upon any of the above stated reviews are related only to the samples identified above. This reports shall not be reproduced except in fall with written approved of Cardinal Laboratories.

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilone, TX 79503
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name:	Dira Onardina Campana		ı		1	1		_[	=			ŝ		Of THE	11. 11. 11. 11. 11.	CATABANETA	apunda.			Ž	ALYSIS REQUEST	R	3	7	Company of Co.			
Project Manager: Hack Conder	Hack Conder	•	i	1	1	1	1		P.O. #	*	1					_		_	_ :		0				- Total	7		
Address: 122 West Taylor	Vest Taylor					1	1		O.	Company	Y	,									C4				····			
city: Hobbs	State: NM	Zip: 88240	88	40	i		ļ	_	Attn		į	į									ru					_		
Phone #: 575-393-9174	Fax #: 575-391	4	2						õ	Address	è	, 1						<u> </u>			Th							
Project #:									CE CE	• •	,	,					M		H		ed							
Project Name: Vi	Project Name: Vacuum N-28 Vent								State:	5			9			les	15	<u> </u>	Р		nde							
Project Location:	Project Location: Vacuum N-28 Vent								ੜ੍ਹੋ	Phone #:	₹‡						301	E)	s 7		ter							
Sampler Name: J	Jordan Woodfin								Fax #:	*	1						1 8	31	ka		Ξx					<u>.                                    </u>		
FOR LAB USE ONLY		_	_		×	MATRI	즞			ž	RESERV	3		AMPL	NG		PH		e		VI I							
Lab I.D.	Sample I.D.	OR (C)OMP.		DWATER	VATER				<u> </u>	SE:							T			omple	8015 ľ					<del></del>	<u> </u>	
нюче2	the statement of the st		# CON	<del></del>	WASTE	SOIL	OIL	SLUDG	OTHER	ACID/8	ICE / C	OTHER		DA''E	TIME						TPH					<del> </del>	<del> </del>	
	SB 3 @ 8'	<del>.</del>		_	<u>:</u>	1	<u> </u>	<u> </u>	<u>:</u>		<		7	7/13/11	300	<	^								1	1	<u>!</u>	•
2 8	SB 3 @ 12'	<u> </u>	-		-						<u> </u>		71:	7/13/11	345	<	۲										•	
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† Cardinal cannot accept verbal changes. Please fax written changes to 605-393-2476

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

Jordan Woodfin

0 2

7-15-11

Phone Result: Fax Result: REMARKS:

C Yes Ø No

email results

Time:

Relinquished By:

#26

NEED SAMPLES BACK, PLEASE Hconder@riceswd.com; jwoodfin@rice-ecs.com; Lweinheimer@rice-ecs.com kjones@riceswd.com