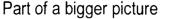
1R - 426 - 153

Annual GW Mon. REPORTS





A Monitor Well Report/Sampling Summary was submitted to NMOCD on September 22, 2009. The report recommended drilling one upgradient and one downgradient monitoring well to further delineate elevated chlorides near the site. NMOCD approved drilling the wells on September 30, 2009. The wells were drilled on September 21 and 22, 2009. The attached tables summarize the analytical results

recommended that based on the fact that elevated chloride concentrations in groundwater have been reported in the area since the early 1950s, one upgradient and one downgradient monitoring well be drilled at the site to assess groundwater quality. NMOCD approved the drilling of the two monitoring wells on June 24, 2009. The monitoring wells were drilled on July 9, 2009 and sampled on July 24, 2009.

Conservation Division (NMOCD) on May 21, 2008 and was approved by NMOCD on May 28, 2008. Per the approved ICP, four soil borings and one monitoring well were drilled at the site on October 6 and 7, 2008. A groundwater sample collected from the monitoring well on November 13, 2008 exhibited elevated chloride and total dissolved solids concentrations. An ICP Report was submitted to NMOCD on April 22, 2009. The report

On behalf of Rice Operating Company (ROC), ARCADIS respectfully submits this Monitor Well Report for the BD Jct. N-32 Vent site located in the Blinebry-Drinkard (BD) Salt Water Disposal (SWD) System. An Investigation Characterization Plan (ICP) was submitted to New Mexico Oil

2010 JAN 28 A 11: 27

GROUNDWATER REPORT NMOCD Case # 1R426-153 Blinebry-Drinkard (BD) Jct. N-32 Vent T21S, R37E, Section 32, Unit N, Lea County, New Mexico

MONITOR WELL REPORT/SAMPLING SUMMARY and ANNUAL

New Mexico Oil Conservation Division 1220 So. Saint Francis Drive Santa Fe, New Mexico 87505

ARCADIS

Mr. Edward Hansen

Dear Mr. Hansen,

Subject:

Certified Mail Receipt No. 7002 2410 0001 5813 3814

Infrastructure, buildings, environment, communications

ARCADIS U.S., Inc. 1004 N. Big Spring Street Suite 300 Midland Texas 79701 Tel 432.687.5400 Fax 432.687.5401 www.arcadis-us.com

Date: January 25, 2010

Contact: Sharon Hall

Phone: 432 687-5400

Email: shall@arcadis-us.com

ARCADIS

Edward Hansen January 25, 2010

from groundwater samples collected from the monitor wells at the site. The groundwater laboratory report is also attached.

The junction box has been replaced with a new, watertight junction box, impacted soils have been removed from a 40 foot by 45 foot by 12 foot excavation and a clay liner has been installed at the site. Based on the fact that ROC has undergone these actions to mitigate leaching of chlorides to groundwater, and historical regional impacts to groundwater are documented in this area, ROC proposes to prepare and submit a chloride mass removal from groundwater as a Corrective Action Plan (CAP).

ROC is the service provider (agent) for the BD Salt Water Disposal System and has no ownership of any portion of the pipelines, wells or facilities. The BD System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Thank you for your consideration concerning this summary of groundwater monitoring information. If you have any questions please do not hesitate to contact me or Hack Conder.

Best Regards,

ARCADIS U.S, Inc.

Shann E. Huel

Sharon E. Hall Associate Vice President

Copies: Hack Conder- ROC

Attachments: Monitor Well Summary Table Monitor Well Location Figure Monitor Well logs Laboratory Analytical Results

vent
N-32
BD
ROC

Sulfate		187	130	119	112	120	
Total Xylenes		<0.003	<0.003	<0.003	<0.003	<0.003	
Benzene Toliiene Ethvi Benzene Total Xvlenes Sulfate		<0.001	<0.001	<0.001	<0.001	<0.001	
Toluene		<0.001	<0.001	<0.001	<0.001	<0.001	
Renzene		<0.001	<0.001 <	<0.001	<0.001	<0.001	
TDS	2	4970	3010	2210	2090	2440	
5		2500	1540	1020	930	1230	
Sample Date	טמווואוט טמוי	11/13/2008	1/21/2009	4/22/2009	7/24/2009	10/2/2009	
Volume Purged	(gallons)	15	15	15	15	15	
Well Volume	(gallons)	3.5	3.6	3.5	3.6	3.6	
Total Depth	(feet)	102.6	102.68	102.58	102.58	102.58	
Depth to Water Total Depth	(feet)	97.17	97.18	97.13	97.1	97.05	
NNN/		~	-	~		~	

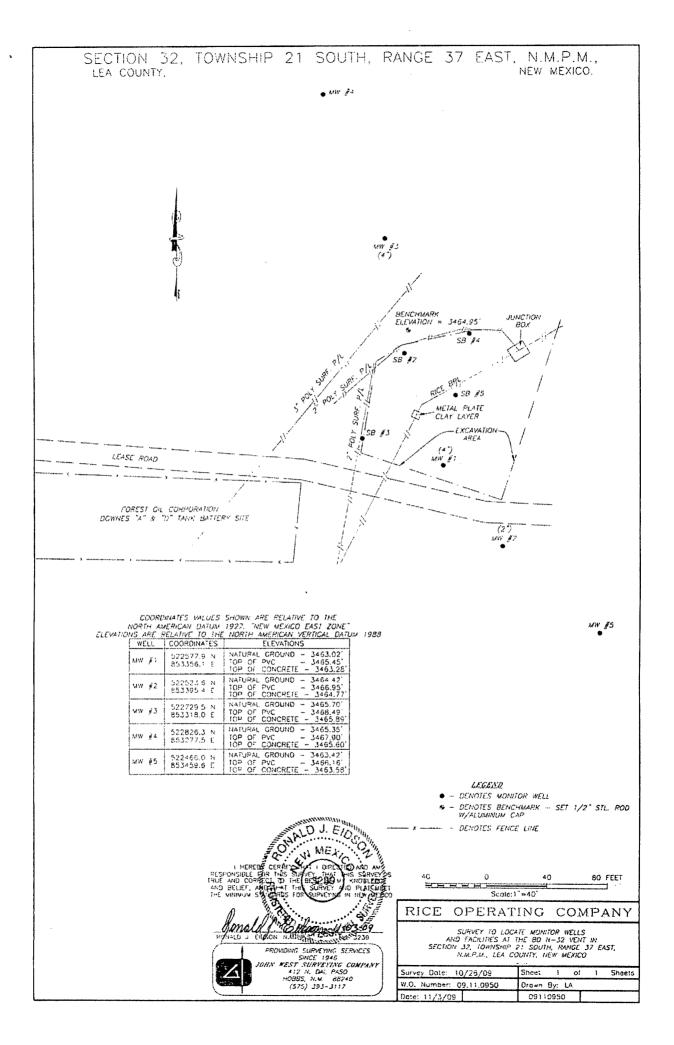
Mator Total D	ulo// Ilo/V dtac	Volume Durad	-							
spui vveii voiu	Ē	IIIIe VOIUIIIE FUIGEU Samnla Data CI	Samula Data	0	TDS	Benzene	Toluene	Benzene Tolijene Ethvi Benzene Total Xvlenes Sulfate	Total Xvlenes	
eet) (gallo	(su	(gallons)		5	2		1 010010			
96 1 1		4	7/24/2009	800	1920	1920 <0.001 <0.001	<0.001	<0.001	<0.003	190
96 1.2		4	10/2/2009	770 19	1970	1970 <0.001 <0.001	<0.001	<0.001	<0.003	186

[ate	2	с С	
	Sulf ⁵	200	106	127
	Total Xvlenes		<0.003	<0.003
	TDS Benzene Tolitene Ethyl Benzene Total Xylenes Stilfate		<0.001	<0.001
	Toluene		<0.001	<0.001
	Renzene		<0.001	<0.001
	SUT	2	5220	12,400
	C	5	2340	6400
	Sample Date		7/24/2009 2340 5220 <0.001 <0.001	10/2/2009 6400 12,400 <0.001 <0.001
	I Volume Volume Purged Sample Date CI T	(gallons)	150	200
	Well Volume	(gallons)	25.2	25.2
	Total Depth	(feet)	138.48	138.48
	Depth to Water	(feet)	99.74	99.74
	VVVV		ę	3

Sulfate	115
Total Xylenes	<0.003
TDS Benzene Toluene Ethyl Benzene Total Xylenes	<0.001
Toluene	<0.001
Benzene	<0.001 <0.001
TDS	1170
Ū	420
Sample Date	10/2/2009
ell Volume Volume Purged Sample Date CI gallons) (gallons)	200
Well Volume (gallons)	25.9
Total Depth (feet)	98.90
Depth to Water (feet)	138.80
MW	4

N// V	Depth to Water	Total Depth	Well Volume	Well Volume Purged	Cample Date	τ	U	Donzono	Tolucino	Bonzono Toluono Ethul Bonzono Total Vulenes Sulfate	Total Yvlenee	Cultato
	(feet)	(feet)	(gallons)	(gallons)	adilible nate	5	2	המודמום	וחתבווב	רווואו הבוודבווב	ו טומו אוכווכא	ounaic
5	98.09	110.2	1.9	9	10/2/2009	164	706	706 <0.001 <0.001	<0.001	<0.001	<0.003	83.7

Sample results in milligrams per liter



A	RCAD	is is	8725 Ros Suite 350		Inc.		N				G WELL LOG TIFICATION: MW-01 WELL DEPTH: 101 ft
PI	ROJI	ECTI	FORMA	ATION	LOCATION INFO	RMAT	ION	١	NELL	. col	NSTRUCTION
RO. DATE SAN	ITE LO JECT N GEC ATE S E COM MPLE N DRILL	CATION NUMBER DLOGIST TARTEL IPLETEL METHOD LING CO DRILLER	.: Hamson 8	Vent 4.0001 Interner n and air rotany 4 Cooper, Inc. Dhilling	TOC ELEVATION: DATUM CP: CP ELEVATION.: NORTHING: EASTING: DEPTH TO WATER: 95 ff GW ELEVATION: DATE MEASURED: 10/7 BORING DIAMETER: 7 3// BORING DEPTH: 100	708 8 inches		Casing Casing D ANNUI Seal Grout SAI Filter	liamete LUS SE Materia GROL Materia ND PAC Materia	II: Sch r: 4 inc AL II: Bent II: Port II: Port K	Screen Opening: 0.010 inche
			1	LITHOLOGY			SAM	PLING DET	AIL		
(spa in the age)	RECOVERY (H)	USCS	SYMBOL	SOIL C	ESCRIPTION	SAMPLE		ANALYTES	(mqq) Old	DEPTH (ft bgs)	WELL CONSTRUCTION
1111		SP		Fine Sand Reddish-orange, very clayey, dry	fine to fine sand, slightly			hiorides		1. 1. 1. 1.	H H
11111		8P		Fine Sand Light brown, very fine	to fine sand, caliche, dry			17	0	5	TT TT
		SP	there a	Fine Sand Light brown, very fine	to fine sand, dry			ns S.	0	10	aung
1111		SP		Fine Sand Light brown, very fine	to fine sand, caliche, dry				0	15	4° PVC Casing
11111				Fine Sand Light brown, very fine	to fine sand, rocky, dry			12	0	20-	
1111		SP						15		30-	
1111				Fine Sand		-	4	58			TT TT
1 1 1 1		SP			fine to fine sand, slightly		4	21		40-	
				Fine Sand		-	5.	26		45-	nite Chips
1111					fine to fine sand, rocky		4	78		50-	Bent
L & L & L		SP					4	71		55	H
		\$5		Sandstone Orangey-brown, very 1 slightly moist	tine to fine sandstone,		<	20		60	H
				Fine Sand	fine to fine sand, rocky,		4	53		65	H H
		SP					4)			70	H H
			and the second				50),3		75-	

Notes In - inches, ft bgs - feet below ground surface, ppm - parts per million USCS - United Soil Classification System Datum CP - Datum Control Point, GW - Groundwater

Monitoring Well: MW-01

Monitoring Well Log Prepared By: Jasmin Talbert

	RCAD	is	8725 Ros Suite 350		Inc.		ñ				G WELL LOG TIFICATION: MW-01 WELL DEPTH: 101 ft
PF	ROJE	ECT IN	FORMA	TION	LOCATION INF	ORMA	TION	1	WELI	_ col	NSTRUCTION
DATE SAN	TE LO ECT N GEO ATE S COM IPLE N DRILL	CATION UMBER LOGIST TARTED PLETED METHOD ING CO. DRILLER	: Harrison &	(ent 1.0001	TOC ELEVATION: DATUM CP: CP ELEVATION.: NORTHING: EASTING: DEPTH TO WATER: 9 GW ELEVATION: DATE MEASURED: 1 BORING DIAMETER: 7 BORING DEPTH: 1	0/7/08 3/8 inches		Casing E Casing E ANNU Seal Grout SA	Diamete LUS SE Materia GROL	al: Sch ar: 4 inc AL al: Bent JT al: Porti CK	Screen Opening: 0.010 inches Onite Screened Interval: 80 - 100 and Cement
				LITHOLOGY			SAM	PLING DET	TAIL		
DEPTH (ft bgs)	RECOVERY (#)	USCS	SYMBOL	SOIL D	DESCRIPTION	SAMPLE		ANALYTES	(mqq) Qiq	DEPTH (ft bgs)	WELL CONSTRUCTION
-										-	
				Not Logged				384 \$0		80-	
5									0	85-	5
									0		and 7
L.L.J.						-				1.1.1	4 20 S
111									0	95-	8 16 Stitca Sand
111											8/10
1.1.1									0	100 -	to the second distance of the second s
1										105-	
1.1.1										111	
										110	
-						-				115-	
111						1				111	
-		-								120	
1111										125-	
1 1 1 1 1										130-	
1 1 1 1 1										135-	
1 1 1 1 1										140 -	
11111										145-	

Notes, in - inches, it bgs - feet below ground surface, ppm - parts per million USCS - United Soil Classification System Datum CP - Datum Control Point, GW - Groundwater

Monitoring Well: MW-01

Monitoring Well Log Prepared By: Jasmin Taibert

A	RCAD	is is	8725 Ros Suite 350		Inc.		N				WELL FICATION WELL DEPTH	: MW-02
PF	ROJE	ECTIM	FORMA	ATION	LOCATION INFO	RMAT	ION		WELL	CON	STRUCTIC	N
)J D/E M	TE LO ECT N GEO ATE S COM PLE N DRILL	CATION IUMBER DLOGIST TARTED PLETED METHOD ING CO DRILLER): 7/9/09): Splitspoor .: Harrison (Vent 4.0001 theimer n and Rotary cuttings Cooper Inc.	TOC ELEVATION: DATUM CP: CP ELEVATION: NORTHING: N3: EASTING: W1 DEPTH TO WATER: 90 GW ELEVATION: DATE MEASURED: 7/9 BORING DIAMETER: 7.3 BORING DEPTH: 104	03 11 28 It bgs (09 (8 inches		Casing Casing I ANNU Seal Grout SA	Diamete LUS SE Materia GROL Materia ND PAC	il: Sch 40 r: 2 inch AL il: Benton IT il: Portlan CK	PVC Screen I Screen I	L SCREEN Material: Sch 40 P Diameter: 2 inches Opening: 0.010 incl Interval: 84-104
				LITHOLOGY			SAM	PLING DET	AIL			
	RECOVERY (ft)	USCS	SYMBOL	SOIL C	DESCRIPTION	SAMPLE COLLECTED		ANALYTES	(mqq) Old	DEPTH (# bgs)	CONS	YELL
		SP		Fine Sand Reddish-orange, very odor	fine to fine sand, dry, no			Thiondes	0.1	5	H	cment
				Fine Sand Reddich fan vers fine	to fine sand with callche.	_		272	0	10	H	Pertland (
				dry, no odor	to the and white the be-		1	16	.0	15 -	H	PVC Casing
							1	759	a	20-	H	AT T
		SP					1	4-4	-	25	H	Ħ
and the second s							1	49		30-	H	Ħ
								47		35-	H	H
				Fine Sand Reddish-brown, very consolidated rock, dry				14		40	ite Chips	H
								56		50	Benton	#
							3			55 -	H	H
							8	4		60	1	H
		SP				-	I	12		0.5	T	T
								7		70	T	T
1								3		75-		

Notes in - inches, ft bgs - feet below ground surface, ppm - parts per million USCS - United Soil Classification System Datum CP - Datum Control Point, GW - Groundwater

Monitoring Well Log Prepared By: Jasmin Talbert

AI	ICAD	IS	Lenexa, F	Kansas 66215	1				have been have a		WELL DEPTH: 104 ft
PF			FORMA		LOCATION INFO	ORMAT	ION				TRUCTION
DATE SAM	TE LO ECT N GEO ATE S COM PLE N DRILL	CATION UMBER LOGIST TARTED PLETED METHOD ING CO. DRILLER	: BD-N-32 V : MT00083/ : Lara Wein : 7/9/09 : 7/9/09 : Splitspoor : Hamson C	Zent 1.0001 theimer 5.and Rotary cuttings 5.ooper Inc.	TOC ELEVATION: DATUM CP: CP ELEVATION.: NORTHING: NO EASTING: W DEPTH TO WATER: 90 GW ELEVATION: DATE MEASURED: 74 BORING DIAMETER: 7.3 BORING DEPTH: 10	103 11.286 ft bgs 1/09 8/8 inches		Casing Casing I ANNU Seal Grout SA Filter	Diamete LUS SE Materia GROL Materia ND PAC Materia	i: Sch 40 F r: 2 inch AL i: Bentonit T i: Portland	
	6			LITHOLOGY			SAM	PLING DE	TAIL		
icha wi u Lana	RECOVERY (H)	USCS	SYMBOL	SOIL (ESCRIPTION	SAMPLE COLLECTED		AMALYTES	(mqq) Oid	DEPTH (ft bgs)	WELL CONSTRUCTION
1111										2014 775 2014	H H
1441		_					1	5		80	
		SP.			fine to fine sand, slightly		8	•)		85-	
111				No Recovery			Lab	- 10			ren
111											Silica Sand
										100	\$ 8
-										105	·····
1.1.1.										1 1 1	
144										110-	
a the second										115	
111										120-	
and the										125	
										130-	
-										135-	
1111										140-	
in the second											
1 1 1 1 1										145-	
-										150-	

A	RCAD		8725 Ros Suite 350		Inc.		Ň				G WELL LOG ITIFICATION: MW-03 WELL DEPTH: 135 ft
PF	ROJE	ECTIN	FORMA	ATION	LOCATION INFO	RMAT	ION	1	NELL	co	NSTRUCTION
D. ATE	ITE LO JECT N GEC ATE S E COM APLE N DRILL	CATION NUMBER DLOGIST TARTED PLETED METHOD): 7/9/09): Split Spoo .: Harrison 8):	Zent 4.000 t	TOC ELEVATION: DATUM CP: CP ELEVATION: NORTHING: N32 EASTING: W1C DEPTH TO WATER: 90 ff GW ELEVATION: DATE MEASURED: 7.9// BORING DIAMETER: 7.3// BORING DEPTH: 135	3 11.30) bgs 9 6 inches	2	Casing D Casing D ANNUI Seal Grout SAI	US SE Materia GROU Materia	il: Sch r: 4 inc AL il: Ben IT il: Port CK	WELL SCREEN 40 PVC Screen Material: Sch 40 PVC ch Screen Diameter: 4 inches Screen Opening: 0 030 inche itorite Screened Interval: 85-125 tiand Cement ca Sand
			1	LITHOLOGY			SAM	PLING DET	AIL	1	
DEPTH (1 pgs)	RECOVERY (#)	USCS	SYMBOL	SOIL	DESCRIPTION	SAMPLE COLLECTED		ANALYTES	PID (ppm)	DEPTH (# bgs)	WELL CONSTRUCTION
111111		SP		Fine Sand Reddish-orange, very odor	fine to fine send, dry, no			hlorides 20	0.5	5-	d Cament
				Fine Sand Orangey-tan very tine dry, no odor	to fine sand with caliche.			12	0,1	10	Portlan
LILLI		SP		Fine Sand				s3	01	15	a' PVC Chang
		SP		Tan, very fine to fine a odor	and with caliche, dry, no		1	48	0	25-	HH
								s 1 6 4 5 5 3	0	30-	HH
				Fine Sand Reddish-brown, very consolidated rock, dry				83	0	40-	
								42		45	Pertorate Ch
								23		511-	H H
		SP						18		60	
The same								.4		65-	HH
0								14		70	H H

Notes: In - Inches, ft bgs - feet below ground surface, ppm - parts per million USCS - United Soil Classification System Datum ICP - Datum Control Point, GW - Groundwater

4

Monitoring Well Log Prepared By: Jasmin Talbert

A	RCAD	is	8725 Ros Suite 350		Inc.		N			DENTI	WELL LOG FICATION: MW-03 WELL DEPTH: 135 ft
SI ROJ D. DATE SAN	PI ITE LO IECT M GEO ATE S COM IPLE M DRILL	ROJECT CATION IUMBER ILOGIST TARTED PLETED METHOD ING CO. DRILLER	1: 7/9/09 1: Split Spoo 1: Harrison & 1:	ating /ent L0001	EASTING DEPTH TO WATER GW ELEVATION DATE MEASURED BORING DIAMETER	1: 1: N32 25.915 1: W103 11.302 1: 90 ft bgs 1: 1: 79/09 3: 7 3/8 inches		WEL Casing Casing ANNU Seal Grout	L CASIN Materia Diamete JLUS SE I Materia GROU t Materia AND PAC	G I: Sch 40 I r: 4 inch AL I: Bentonit T I: Portland	Cement
RILI	LING N	AETHOD	: Rotary	LITHOLOGY	BORING DEPTH	1: 135 feet	SAN	Filter		I: Silica Si	Dand
DEPTH (ft bgs)	RECOVERY (ft)	USCS	SYMBOL		DESCRIPTION	SAMPLE COLLECTED		ANALYTES	(mqq) Olq	DEPTH (ft bgs)	WELL CONSTRUCTION
L'ILLILL.								-		80-	AA
5 1 1 1 1 1 1				No Recovery			La	5 16 1x		85-	
1111111										95 - - - 100 -	Silve Sand
111111										105-	-4" 30 Slat Screen
11111111										110-	
LL L L L L										120	· · · · · · · · · · · · · · · · · · ·
111111										130-	
1 1 1 1 1 1 1 1										135-	
										145	
SC:	S - Unit	led Soil (Classification	elow ground surface. (1 System Datum Groundwater	ppm - parts per million			N	Aonitorin		lonitoring Well: MW-03 Ig Prepared By: Jasmin Talbert

Logger:		Lara W	/einheim	er Mw/4		DPE	RA	TING (SOM
Start Date End Date Comm	Method: te: e: ents: d 222 ft NW	Arcadis Air rota 9-21-20 9-21-20 No sa	s ary 009 009 ampling	per, completed on monitor well. ction box site.	Pro	Well ID: MW-4 2 T21S R37E			
4 inch	monitor we TD = 138			GW = 98 ft		:: N32°25'56 ng: W103°1			County: LEA State: NM
Depth (feet)	chloride field tests (ppm)		PID	Description		Lithology			Construction
20 40 60 80				NO SAMPLES TAKEN				4 in diameter PVC	3 x 3 ft concrete pad on surface bentonite seal
100									sand pack
140) screen = 0.03"

Logger:		Lara W	/einheim	er Mwy 4		TREF	ATING	Co.				
Driller: Harrison & C Inc. Drilling Inc. Drilling Consultant: Arcadis Drilling Method: Air rotary			illing s ary			ALCE REBERING COMPANY						
Start Da End Dat	e:	9-22-20 9-22-20	009		Pre	oject Name:		Well ID:				
		of form		completed on monitor well. tion box site. GW = 98 ft	La	BD N-32 ve cation: UI t: N32°25'52.60 ng: W103°17'1	_/N sec.	MW-5 32 T21S R37E County: LEA State: NM				
Depth (feet)	chloride field tests (ppm)	LAB	PID	Description		Lithology	Well	Construction				
20							diameter PVC	2 x 2 ft concrete pad bentonite seal				
60				NO SAMPLES TAKEN			2 in					
80								sand pack				
100								screen = 0.01"				



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: HACK CONDER 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (575) 397-1471

Receiving Date: 10/05/09 Reporting Date: 10/07/09 Project Number: NOT GIVEN Project Name: BD N-32 VENT Project Location: T21S R37E SEC32 N ~ LEA CO., N.M. Sampling Date: 10/02/09 Sample Type: WATER Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: HM

		CI	SO_4	TDS
LAB NO.	SAMPLE ID	(mg/L)	(mg/L)	(mg/L)
Analysis Date:	•	10/06/09	10/07/09	10/06/09
H18410-1	MONITOR WELL #1	1,230	120	2,440
H18410-2	MONITOR WELL #2	770	186	1,970
H18410-3	MONITOR WELL #3	6,400	127	12,400
H18410-4	MONITOR WELL #4	420	115	1,170
H18410-5	MONITOR WELL #5	164	83.7	706

H18410-5 NUONTOR WELL #5	104	03.7	700
Quality Control	500	37.1	NR
True Value QC	500	40.0	NF
% Recovery	100	92.8	NR
Relative Percent Difference	< 0.1	0.5	< 0.1
ETHOD: Standard Methods, EPA	4500-CIB	375.4	160.1

METHOD: Standard Methods, EPA Not accredited for Chloride, Sulfate and TDS.

hemist

10/13/09

Date

H18410 RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and cliant's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. Att 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 profils incurred by client, its subsidiaries, affiliates or successors erising 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: HACK CONDER 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (575) 397-1471

Receiving Date: 10/05/09 Reporting Date: 10/08/09 Project Number: NOT GIVEN Project Name: BD N-32 VENT Project Location: T21S-R37E-SEC32 N~ LEA CO., NM

Sampling Date: 10/02/09 Sample Type: WATER Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: ZL

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DAT		10/07/09	10/07/09	10/07/09	10/07/09
H18410-1	MONITOR WELL #1	< 0.001	< 0.001	<0.001	< 0.003
H18410-2	MONITOR WELL #2	< 0.001	< 0.001	< 0.001	< 0.003
H18410-3	MONITOR WELL #3	<0.001	<0.001	< 0.001	< 0.003
H18410-4	MONITOR WELL #4	< 0.001	<0.001	<0.001	<0.003
H18410-5	MONITOR WELL #5	<0.001	<0.001	<0.001	<0.003
Quality Control		0.051	0.046	0.044	0.147
True Value QC		0.050	0.050	0.050	0.150
% Recovery		102	92.0	88.0	98.0
Relative Percen	t Difference	3.8	4.3	6.6	6.6

METHOD: EPA SW-846 8021

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

10/13/09 Date

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Page 1 of 1		aboratories, inc. Laborder ID #	ompany: PO# ANALYSIS REQUEST	Operating Company (Circle or Specify Method No.) Address. (Street City Zin)		* HOODS, New Mexico 8824	ыт. Fax#: 7.4 (5.75,307,1471		(322)	9 6H 6	er Signauge: Rozanpe Johnson (575)631-3310 80 50 50 50 50 50 50 50 50 50 50 50 50 50	iqz 93' HQ 93' HQ 95 QQ 95 QQ	2 40ml VOA) 2 40ml VOA) 2 40ml VOA) 2 40ml VOA) 2 40ml VOA) 2 40ml VOA) 2 2 40ml VOA) 2 2 VOI 81662 80218/602 80218/602 80218/602 80218/602 80218/602 5 2 VOI 82608/ 8082/608 8082/608 8082/608 8082/608 155, pH 155, pH	AIR SLUD HCL (1 MIRE HCL (2 MIRE MIRE MIRE PECB's PCCMS PCS PCS <	2 1 1 10-2 9:45 X X X X	2 1 10-2 8:40 X X X X X	2 11:40 X X X X X X X X X X X X X X X X X X X	2 11 10-2 13:40 X X X X	2 1 1 10-2 7:50 X X X X				A // / Date: Time: Phone Results Yes No	WILL 10509 7:11	oratory Staff) Date: Time: REMARKS:	CHECKED BY:	(Initials) UCAB
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		Laborat	BILL TO Company: DIFF Operating Comm	AUL Uperating Comp	20 161 Territor Street . 11-66-	22 VV Laylor Sureer ~ MoodS, N	Prone#: (575) 303_0174	+	(575) 397-1471		Sampler Signature	MATRIX	GE	SOIL SOIL UUS	3 X	3 ×	3 X	3 X	3 X				d by:	NADIUA) (Laborat	3	
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		3-2228 CAFCIN21 3-2276	mpany Name: DICE Concreting Commany		Ţ		(Street, Lity, Zip) Street - Hobber Minu Marine 22240	IZZ VV I BYIOT DIFFEL ~ TOUDS, NEW MEXICO 5624U One #:		Project Name: BD N-32 Vent	Sec32 N		FIELD CODE		Monitor Well #1	Monitor Well #2	Monitor Well #3	Monitor Well #4	Monitor Weil #5	والمحمد والمحادثة وال		<u>)</u>	Date: Time:	1/1-10-5-09 7:10	Date: Time:		
	101 East Marland - Hobbs, New Maxim 88240	мехисо 66240 Tel (575) 393-2328 Fax (575) 393-2476	Company Name: PICE Operation	Project Manager	Hack Conder	5	Address. (Str 122 M/ Torder Str	Phone #:	(575) 393-9174	Project #:	Project Location: T21S R37E		LAB#	ONLY	HI340-1	n 2-	\sim		ν)				Relinquishpd-by:	Rozanne Johnson	Relinquished by:	Delivered By	Compler