RICE Operating Company

112 West Taylor • Hobbs, New Mexico 88240 Phone: (575) 393-9174 • Fax: (575) 397-1471

April 1, 2023

REVIEWED

By Mike Buchanan at 2:29 pm, Jun 27, 2023

Nelson Velez

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

> **RE: 2022 Annual Groundwater Report** Rice Operating Company – BD SWD System BD L-36 EOL (1R426-278): UL/L, Sec. 36, T21S, R37E 3. Await determination from NMOCD

Review of the 2022 Annual Groundwater Report for ROC, BD L-36 EOL: Content Satisfactory

- 1. Continue to collect samples quarterly for groundwater.
- 2. Submit 2023 Annual GW Report to NMOCD no later than April 1, 2024.
- on termination request.

Mr. Velez:

ROC is the service provider (agent) for the BD 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.

Background and Previous Work

The site is located approximately 2 miles east of Eunice, New Mexico at UL/L, Sec. 36, T21S, R37E as shown on the Geographic Location Map. Groundwater sampling at the site indicated the depth to groundwater is approximately 45 feet below ground surface (bgs).

An Investigation and Characterization Plan (ICP) was submitted to NMOCD on April 24th, 2015 and approved May 7th, 2015. The site was investigated through soil bore installation resulting in elevated chloride concentrations that decreased with depth.

A Corrective Action Plan (CAP) and Addendum was submitted and approved by NMOCD on October 30th, 2017. According to the NMOCD approved CAP, a 91x31-ft 20-mil reinforced liner was installed and properly seated at 4.5 ft bgs which covered the previously installed 20x20 ft clay liner. The site was backfilled and seeded with a blend of native vegetation. A CAP Report and Soil Closure Request detailing this work was submitted to the NMOCD on May 17th, 2018. The report also requested three monitoring wells be installed near the source, up-gradient and down-gradient of the site. NMOCD approved this report and granted 'Soil Closure' on June 20th, 2018.

On June 27th, 2019, a near-source well (MW-1) was installed approximately 40 ft southeast of the source, and lithology soil samples were collected at regular intervals. The well was developed and sampled regularly. On November 13th, 2019, an up-gradient well (MW-2) and a down-gradient well (MW-3) were installed.

The most recent sampling event resulted in a chloride concentration of 540 mg/L in MW-1, 448 mg/L in MW-2, and 488 mg/L in MW-3. BTEX concentrations have remained below detectable limit in each well since installation. The samples collected from the up-gradient well (MW-2) suggests a non-ROC, up-gradient source has contributed to the degradation of groundwater quality. The highest chloride observed in the up-gradient well (MW-2) resulted in a concentration of 600 mg/L on May 3rd, 2022, while the highest concentration observed the near-source well (MW-1) resulted in a similar concentration of 780 mg/L the following quarter on August 11th, 2022. Based on the non-ROC up-gradient source contributing to the degradation of groundwater quality, ROC submitted a Termination Request to NMOCD on August 22nd, 2022. ROC will continue quarterly sampling in 2023.

Attached is the Appendix, which contains:

- 1. A Geographic Location Map.
- 2. A map showing well locations.
- 3. A table presenting all laboratory results and depth to groundwater for each well at the site, and a graph showing recent laboratory results.
- 4. The laboratory analytical results for 2022.

Rice Operating Company appreciates the opportunity to work with you on this project. Please contact me at (575) 393-9174 if you have any questions or wish to further discuss this site. Thank you for your time and consideration.

Sincerely,

Katie Davis

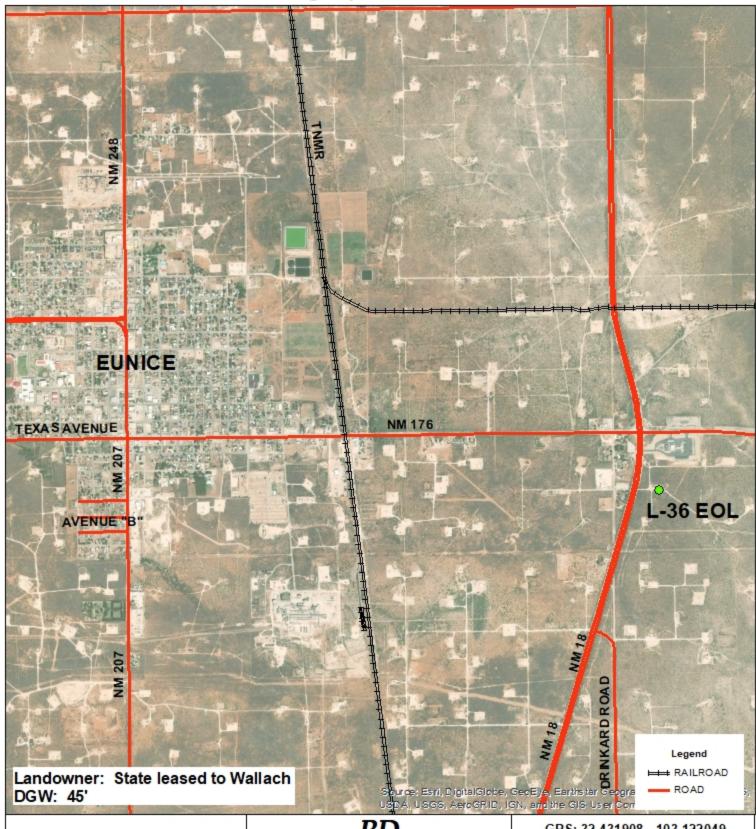
Environmental Manager

Katy Davis

RICE Operating Company (ROC)

appendix

Geographic Location





BD L-36 EOL 1R426-278

UL L SECTION 36 T-21-S R-37-E LEA COUNTY, NM GPS: 32.431908, -103.122049 NAD 83 STATE PLANE PROJECTION NM EAST ZONE

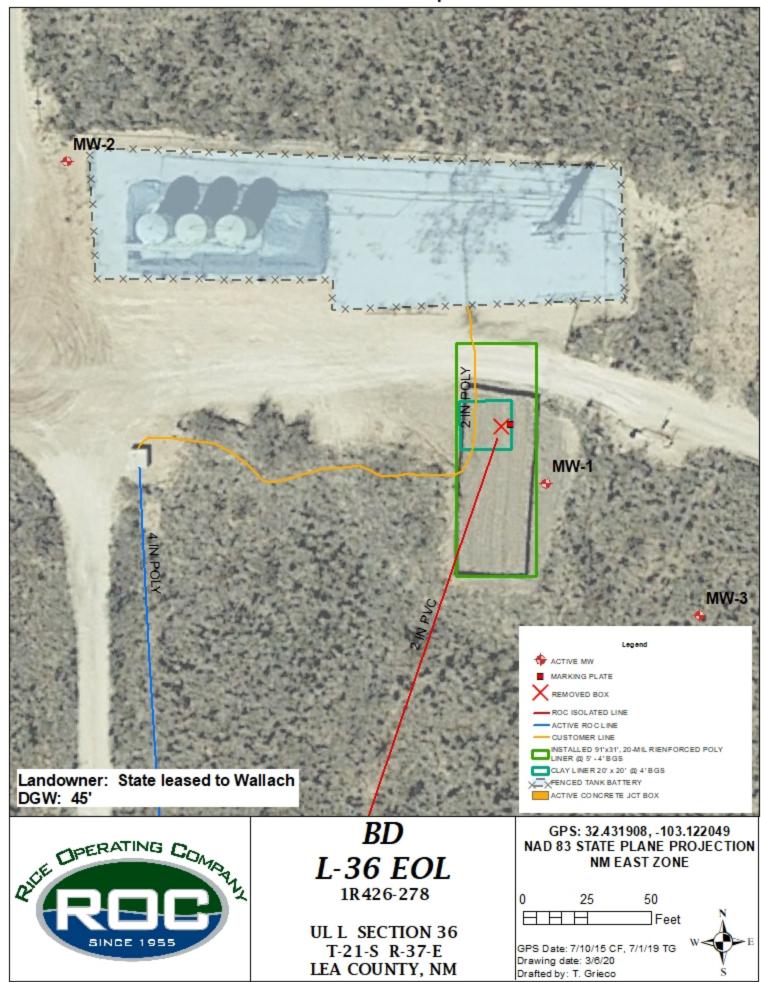
0 1,000 2,000 HHH Fee

GPS Date: 7/10/15 CF, 7/1/19 TG Drawing date: 3/6/20

Drawing date: 3/8/20 Drafted by: T. Grieco



Area Map



ROC - BD L-36 EOL (1R426-278) Unit Letter L, Section 36, T21S, R37E

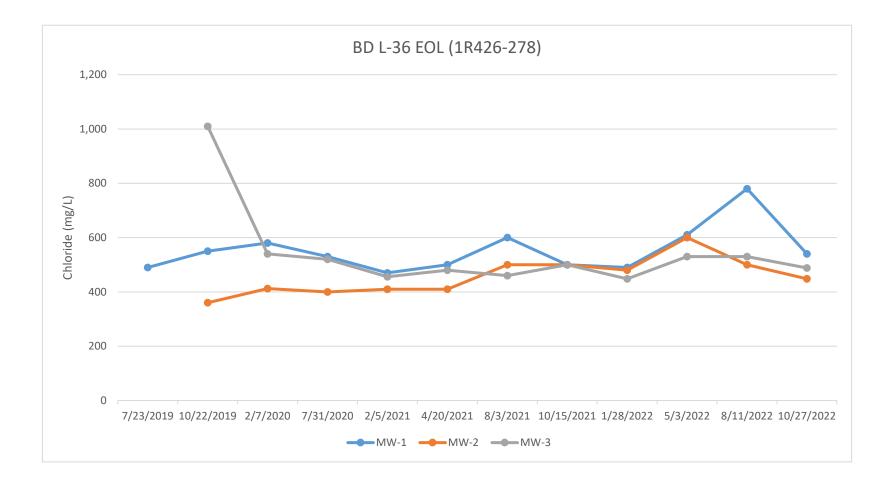
MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	45.58	88.6	28	100	7/23/2019	490	2,010	<0.001	<0.001	<0.001	<0.003	560	Clear No odor
1	45.53	88.6	28	100	10/22/2019	550	1,840	<0.001	<0.001	<0.001	<0.003	602	Clear No odor
1	45.41	88.6	28	90	2/7/2020	580	2,180	<0.001	<0.001	<0.001	<0.003	536	Clear No odor
1	45.35	88.6	28	90	7/31/2020	530	2,080	<0.001	<0.001	<0.001	<0.003	407	Clear No odor
1	45.36	88.6	28	90	2/5/2021	470	1,930	<0.001	<0.001	<0.001	<0.003	521	Clear No odor
1	45.3	88.6	28	90	4/20/2021	500	1,990	<0.001	<0.001	<0.001	<0.003	468	Clear No odor
1	45.27	88.6	28	90	8/3/2021	600	2,160	<0.001	<0.001	<0.001	<0.003	679	Clear No odor
1	45.23	88.6	28	90	10/15/2021	500	1,960	<0.001	<0.001	<0.001	<0.003	435	Clear No odor
1	44.18	88.6	28	90	1/28/2022	490	1,930	<0.001	<0.001	<0.001	<0.003	625	Clear No odor
1	45.13	88.6	28	90	5/3/2022	610	2,120	<0.001	<0.001	<0.001	<0.003	516	Clear No odor
1	45.29	88.6	28	90	8/11/2022	780	2,400	<0.001	<0.001	<0.001	<0.003	693	Clear No odor
1	45.27	88.6	28	90	10/27/2022	540	1,360	<0.001	<0.001	<0.001	<0.003	207	Clear No odor

MW	Depth to	Total	Well	Volume	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl	Total	Sulfate	Comments
IVIVV	Water	Depth	Volume	Purged	Sample Date	J	נטו	benzene	Toluelle	Benzene	Xylenes	Sullate	Comments
2	47.78	63.75	2.6	10	12/16/2019	360	1,690	<0.001	<0.001	<0.001	<0.003	510	Clear No odor
2	47.72	63.75	2.6	10	2/7/2020	412	1,680	<0.001	<0.001	<0.001	<0.003	480	Clear No odor
2	47.69	63.75	2.6	10	7/31/2020	400	1,790	<0.001	<0.001	<0.001	<0.003	319	Clear No odor
2	47.73	63.75	2.6	10	2/5/2021	410	1,750	<0.001	<0.001	<0.001	<0.003	521	Clear No odor
2	47.63	63.75	2.6	10	4/20/2021	410	1,440	<0.001	<0.001	<0.001	<0.003	475	Clear No odor
2	47.62	63.75	2.6	10	8/3/2021	500	1,930	<0.001	<0.001	<0.001	<0.003	624	Clear No odor
2	47.58	63.75	2.6	10	10/15/2021	500	1,900	<0.001	<0.001	<0.001	<0.003	357	Clear No odor
2	47.51	63.75	2.6	10	1/28/2022	480	1,850	<0.001	<0.001	<0.001	<0.003	618	Clear No odor

ROC - BD L-36 EOL (1R426-278) Unit Letter L, Section 36, T21S, R37E

MW	Depth to	Total	Well	Volume	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl	Total	Sulfate	Comments
	Water	Depth	Volume	Purged	Sample Bate	C.	100	Delizerie	Toluciic	Benzene	Xylenes	Janace	Comments
2	47.44	63.75	2.6	10	5/3/2022	600	2,100	<0.001	<0.001	<0.001	<0.003	560	Clear No odor
2	47.62	63.75	2.6	10	8/11/2022	500	1,910	<0.001	<0.001	<0.001	<0.003	539	Clear No odor
2	47.54	63.75	2.6	10	10/27/2022	448	1,810	<0.001	<0.001	<0.001	<0.003	593	Clear No odor

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
3	43.94	63.93	3.2	10	12/16/2019	1,010	2,940	<0.001	<0.001	<0.001	<0.003	557	Clear No odor
3	43.9	63.93	3.2	10	2/7/2020	540	2,100	<0.001	<0.001	<0.001	<0.003	552	Clear No odor
3	43.88	63.93	3.2	10	7/31/2020	520	2,000	<0.001	<0.001	<0.001	<0.003	324	Clear No odor
3	43.84	63.93	3.2	12	2/5/2021	456	1,880	<0.001	<0.001	<0.001	<0.003	522	Clear No odor
3	43.78	63.93	3.2	12	4/20/2021	480	1,830	<0.001	<0.001	<0.001	<0.003	464	Clear No odor
3	43.77	63.93	3.2	12	8/3/2021	460	1,920	<0.001	<0.001	<0.001	<0.003	639	Clear No odor
3	43.72	63.93	3.2	12	10/15/2021	500	1,960	<0.001	<0.001	<0.001	<0.003	406	Clear No odor
3	43.63	63.93	3.2	12	1/28/2022	448	1,910	<0.001	<0.001	<0.001	<0.003	640	Clear No odor
3	43.59	63.93	3.3	12	5/3/2022	530	1,960	<0.001	<0.001	<0.001	<0.003	532	Clear No odor
3	43.8	63.93	3.2	12	8/11/2022	530	1,970	<0.001	<0.001	<0.001	<0.003	509	Clear No odor
3	43.78	63.93	3.2	12	10/27/2022	488	1,960	<0.001	<0.001	<0.001	<0.003	515	Clear No odor





November 07, 2022

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD L-36 EOL

Enclosed are the results of analyses for samples received by the laboratory on 10/31/22 8:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey 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



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received: 10/31/2022 Sampling Date: 10/27/2022 Reported: 11/07/2022 Sampling Type: Water

Project Name: BD L-36 EOL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

mg/L

Sample ID: MONITOR WELL #1 (H225111-01)

BTEX 8021B

	97		7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	11/07/2022	ND	0.019	94.7	0.0200	3.19	
Toluene*	<0.001	0.001	11/07/2022	ND	0.021	103	0.0200	2.58	
Ethylbenzene*	<0.001	0.001	11/07/2022	ND	0.020	98.7	0.0200	5.53	
Total Xylenes*	<0.003	0.003	11/07/2022	ND	0.055	91.5	0.0600	6.44	
Total BTEX	<0.006	0.006	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 77.1-12	14						
Chloride, SM4500Cl-B	mg/L Analyzed By: GM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	540	4.00	10/31/2022	ND	104	104	100	3.92	
Sulfate 375.4	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	207	83.3	10/31/2022	ND	20.5	103	20.0	5.98	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1360	5.00	11/02/2022	ND	538	108	500	3.30	

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celeg & Freene



10/27/2022

Cool & Intact

Tamara Oldaker

Water

Analytical Results For:

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

Received:10/31/2022Sampling Date:Reported:11/07/2022Sampling Type:Project Name:BD L-36 EOLSampling Condition:Project Number:NONE GIVENSample Received By:

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

Sample ID: MONITOR WELL #2 (H225111-02)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	11/07/2022	ND	0.019	94.7	0.0200	3.19	
Toluene*	< 0.001	0.001	11/07/2022	ND	0.021	103	0.0200	2.58	
Ethylbenzene*	<0.001	0.001	11/07/2022	ND	0.020	98.7	0.0200	5.53	
Total Xylenes*	<0.003	0.003	11/07/2022	ND	0.055	91.5	0.0600	6.44	
Total BTEX	<0.006	0.006	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 77.1-12	14						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	448	4.00	10/31/2022	ND	104	104	100	3.92	
Sulfate 375.4	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	593	250	10/31/2022	ND	20.5	103	20.0	5.98	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1810	5.00	11/02/2022	ND	538	108	500	3.30	

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celey D. Keene



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received: 10/31/2022 Sampling Date: 10/27/2022 Reported: 11/07/2022 Sampling Type: Water Project Name: BD L-36 EOL Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

Sample ID: MONITOR WELL #3 (H225111-03)

BTEX 8021B	mg/	L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	11/07/2022	ND	0.019	94.7	0.0200	3.19	
Toluene*	< 0.001	0.001	11/07/2022	ND	0.021	103	0.0200	2.58	
Ethylbenzene*	< 0.001	0.001	11/07/2022	ND	0.020	98.7	0.0200	5.53	
Total Xylenes*	<0.003	0.003	11/07/2022	ND	0.055	91.5	0.0600	6.44	
Total BTEX	<0.006	0.006	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 77.1-12	4						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	488	4.00	10/31/2022	ND	104	104	100	3.92	
Sulfate 375.4	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	515	125	10/31/2022	ND	20.5	103	20.0	5.98	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1960	5.00	11/02/2022	ND	538	108	500	3.30	

Cardinal Laboratories *=Accredited Analyte

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 the 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.

Celey D. Keine



Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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

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 whistoever 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 inclured by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the 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.

Celeg & Freene

	7	
-	3	
	0	
1	13	I
	Page	
	1	l

0 101 East Marland - Hobbs, NM 88240		1 T		L.		-4		•	~	Т.		_				CH	ΑIN	1-01	F-CI	UST	OD	YA	ND	AN (IAL	YS	IS R	EQI	JES'	Γ	၂ၑ
101 East Mariand - Hobbs, NM 88240 Tel (575) 393-2326 Fax (575) 393-2476	ına	ΙL	Ja	D	r	at	01	16	s,		n	c.		Г				LAB	Orde	er ID	#	_						_			- 0 9
Company Name: RICE Operating Company Project Manager:		BILL T		Comp	ting	Con	npar	y /s	street,	PO#	Zin)													UES od N							Page
Katie Jones		122 W	/ Tayl		et ~ H	obbs,	New				LIP)			l	1		1		1	1						1	1				ıL
Address: (Street, City, Zip)				Phon	100000					Fax#				1			7														
122 W Taylor Street ~ Hobbs, New Mexico 88240 Phone #:	Fax #:	(575) 39	3-91	74					(57	5)3	97-1	471	H			B/200	TCLP Metals Ag As Ba Cd Cr Pb Se Hg										П			
(575) 393-9174	(575	397	-147	1												418.1/1X1005 / 1X1005 Extended (C35)	6010											П			
Project #: Project Name: BD L-36 EOL					/			'_					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			nded	무	e Hg										П			
Project Location:				Sam	ler Sig	matur	re/	Rozan	ne Jo	hnson	(57	5)631-9	9310			Exte	ob Se	Pb S									9	-			rs.
T21S R37E Sec36 L ~ Lea County New Me	exico	_		7	4	4/		DECL	DVA	TD/F	_					6001	Ö	Öp					GC/MS Semi. Vol. 8270C/625				Moisture Content Anions (Cl. SO4, CO3, HCO3)				Turn Around Time ~ 24 Hours
1100/711	1			MA	TRIX	M			RVA THO			SAME	PLING			×	3a C	Bac	1.			624	3270		88		03	a X	ids		~ 24
Haas711	d E	CONTAINERS			\top	T	(OA)		T	PE)	Т			302	302	1005	As	g As	TCLP Volatiles	SS		GC/MS Vol. 8260B/624	Vol. 8	8	Pesticides 8081A/608		4 ell	Cations (Ca, Mg, Na, K)	Sulfates (SO4) Total Dissolved Solids		Ime
FIELD CODE	(G)rab or (C)omp	A N			1		HCL (4 - 40ml VOA)			ICE (1-1Liter HDPE)	1	(22)		8021B/602	BTEX 8021B/602		Is Ac	als A	TCLP Volatiles	TCLP Pesticides		97.	mi.	PCB's 8082/608	808	BOD, TSS, pH	SC IS	Ca,	Sulfates (SO4) Total Dissolved		Lpur
(LAB USE)	b or	Ę	띪	١. ا	120		4-4	E 0	200	(1-1)	ш	E (20		800	807	8270	Meta	Met	No.	Pes		IS Ve	IS Se	808	sides	TSS	o) su	ns (tes (rides	Aron
ONLY	(G) ra	00 #	WATER	SOIL	AIR		호	HNO ₃	H ₂ SO ₄	믱	NONE	DATE (2022)	TIME	MTBE	E E	1PH 418.1/	Total	I I		립	RC	3C/N	3C/N	oCB's	Pestic	30D,	Anior	Catio	Sulfa	Chlorides	Tur
Monitor Well #1	G	5	X	92			4		1	1	-	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner,	-		Х		-	İ	+	+	-	Ü						_	x x	+-	
≥ Monitor Well #2	G	5	Х				4			1	1	10/27	9:35		х		I			I									хх	Х	
Monitor Well #3	G	5	X		1	_	4		\perp	1	4	10/27	11:00		х	_	1	Н	4	\perp	_				1	4	_	Ш	X X	Х	
	-	-	+	\vdash	+	+	H	+	+	Н	+			Н	+	+	+	Н	+	+	-			Н	-	+	+	Н	+	-	
	\vdash	-	+	\vdash	+	+	H	+	+	H	+	_	-	Н	+	+	+	Н	+	+	\vdash			H	+	+	+	H	+	\vdash	
	\vdash	-	+	\vdash	+	+	H	+	+	\vdash	+		-	H	+	+	+	Н	+	+	\vdash			H	+	+	+	H	+	\vdash	
	\vdash	1	\top		+	†	H	+	T	\forall	+			H	1	\dagger	†	\forall	+	T	\vdash				1	1	+	H	+		
											I					I	I			I								П			
Relinquished by: Date: Time:	Recei	ved by	:		1			Date		Tim				-	ne R	_	S	Н	Yes	+	No					_					_
Relinguisked by: Date: Time:	Recei		nes		on S			Date	1/200	Tim	NAME OF TAXABLE PARTY.	7:1:	5	Fax	Resi			Ш	Yes	L	No		Add	dition	al Fa	ax N	umbe	er:			
	Kece	Wed By			//	11/1	/ /	/											lei a u		-i-										
Delivered By: ((Circle One)	Cample	e Condit		110	We.	da	CHE	CVE	10	-31	20	20	855		Ema	il Re	sult							s.co							
7)	Sample	CONUN	Cool		ntact		CHE	CKEL	DI.										1020	21111		Sua	OI C.	3.00	7111						
Sampler - UPS - Bus - Other:	1	Yes	1	Yes	4	1	(Initia																								
Sampler - UPS - Bus - Other:		No	Ш	No	_	L	A.	_			0.00					-	-			-		-				_				-	
Received by																															
ece.																															
≈																															

Page 1 of 1



August 22, 2022

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD L-36 EOL

Enclosed are the results of analyses for samples received by the laboratory on 08/15/22 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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 (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-14

Fax To: (575) 397-1471

 Received:
 08/15/2022
 Sampling Date:
 08/11/2022

 Reported:
 08/22/2022
 Sampling Type:
 Water

Project Name: BD L-36 EOL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

mg/L

Sample ID: MONITOR WELL #1 (H223719-01)

BTEX 8021B

DILX GOZID	11197	-	Alluly20	u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	08/19/2022	ND	0.020	101	0.0200	3.84	
Toluene*	<0.001	0.001	08/19/2022	ND	0.019	95.1	0.0200	4.02	
Ethylbenzene*	< 0.001	0.001	08/19/2022	ND	0.019	94.8	0.0200	5.18	
Total Xylenes*	<0.003	0.003	08/19/2022	ND	0.060	100	0.0600	6.81	
Total BTEX	<0.006	0.006	08/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 77.1-12	14						
Chloride, SM4500Cl-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	780	4.00	08/17/2022	ND	100	100	100	3.92	
Sulfate 375.4	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	693	125	08/17/2022	ND	22.2	111	20.0	2.93	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	2400	5.00	08/18/2022	ND	833	83.3	1000	2.21	

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celey D. Keine



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received: 08/15/2022 Sampling Date: 08/11/2022 Reported: 08/22/2022 Sampling Type: Water Project Name: BD L-36 EOL Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: NONE GIVEN Sample Received By:

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

Sample ID: MONITOR WELL #2 (H223719-02)

BTEX 8021B	mg/	L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.001	0.001	08/19/2022	ND	0.020	101	0.0200	3.84	
Toluene*	< 0.001	0.001	08/19/2022	ND	0.019	95.1	0.0200	4.02	
Ethylbenzene*	< 0.001	0.001	08/19/2022	ND	0.019	94.8	0.0200	5.18	
Total Xylenes*	< 0.003	0.003	08/19/2022	ND	0.060	100	0.0600	6.81	
Total BTEX	<0.006	0.006	08/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 77.1-12	4						
Chloride, SM4500Cl-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	500	4.00	08/17/2022	ND	100	100	100	3.92	
Sulfate 375.4	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	539	125	08/17/2022	ND	22.2	111	20.0	2.93	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1910	5.00	08/18/2022	ND	833	83.3	1000	2.21	

Cardinal Laboratories *=Accredited Analyte

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 the 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.

Celey D. Keene



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received: 08/15/2022 Sampling Date: 08/11/2022 Reported: 08/22/2022 Sampling Type: Water Project Name: BD L-36 EOL Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: T21S R37E SEC 36 L \sim LEA COUNTY NM

Sample ID: MONITOR WELL #3 (H223719-03)

RTFY 8021R

BIEX 8021B	mg/	<u> </u>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	08/19/2022	ND	0.020	101	0.0200	3.84	
Toluene*	<0.001	0.001	08/19/2022	ND	0.019	95.1	0.0200	4.02	
Ethylbenzene*	<0.001	0.001	08/19/2022	ND	0.019	94.8	0.0200	5.18	
Total Xylenes*	<0.003	0.003	08/19/2022	ND	0.060	100	0.0600	6.81	
Total BTEX	<0.006	0.006	08/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 77.1-12	14						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	530	4.00	08/17/2022	ND	100	100	100	3.92	
Sulfate 375.4	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	509	125	08/17/2022	ND	22.2	111	20.0	2.93	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1970	5.00	08/18/2022	ND	833	83.3	1000	2.21	

Analyzed By: 14

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celey D. Keine



Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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

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 whistoever 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 of successors arising out of or related to the performance of the 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.

Celeg D. Freene

П	
ı	
l	
	W
	Manager.
ı	2
١.	-
Г	
	^-
ı	~
г	00
г	12.3
ı	K.
	3
	0
	_
	00
	A
	_
	\circ
	V.
	N .
	\sim
	< 1
	0
8	* *
	Do.
п	-40
	2
1	
	O'O
	9
	2
	. =
•	
	-
	0
	Thomas
	-
	~
	6
	-
	~
	07
	0.7
	2

Monitor Well #1 G 5 X 4 1 1 8/11 9:05 X Monitor Well #2 G 5 X 4 1 1 8/11 10:20 X Monitor Well #3 G 5 X 4 1 1 8/11 10:20 X Monitor Well #3 G 5 X 4 1 1 8/11 10:20 X Relinquished by: Date: Time: Received by: Date: Time: Phone Results Yes No Fax Results Yes No Additional Fax Number: Received by: Date: Time: Received by: Circle One) Delivered By: (Circle One) Sample Condition CHECKED BY: (Initials) CHECKED BY: CHECKED BY: CHECKED BY: Cook, Initials Yes No Received Company Staffy) CHECKED BY: CHECKED BY: CHECKED BY: CHECKED BY: CHECKED BY: Cook, Initials Yes No Received Company Staffy) CHECKED BY: CHECKED BY: CHECKED BY: Cook, Initials Yes No Received Company Staffy) CHECKED BY: CHECKED BY: CHECKED BY: CHECKED BY: Cook, Initials Yes No Received Company Staffy) CHECKED BY: Checke									_							Г		CH	IAII	N-C)F-(CUS	STC	DY	'AN	ND	AN	-	-	ge_ S R	-		1 T	
Company Name	Tel (575) 393-2326	Cardir	nal	L	a	bo	r	at	01	ri	es	,	In	c.		H											_		and the latest designation of the latest des	CHENCIA MARKE	_			9 50 9
Notice Properties Propert												P	O#			Г					A	NA	LY	SIS	RE	QU	JES	T						Dage
Ratie Jones 122 W Taylor Street - Hobbs, New Mexico 88240 Foot # F		any	_	RICE				Con	npar		Street	. Cit	ty, Zip)			1					(Ci	rcle	or S	peci	fy M	etho	od N	0.)						۱۵
Property	•			122 W				lobbs	, New																									L
Monitor Well #1)				Phon	e#:					Fa	ax#:	207	4474	1			1	9		П									П			
Monitor Well #1		ew Mexico 88240		(575)	39	3-91	174					(;	5/5)	397-	14/1	1		(E)	9	38/20						-								
Monitor Well #1				397-	147	1				7								(C3	1	109														
Monitor Well #1							/		#			_)		ı		nded	:	e rg	200													
Monitor Well #1	Project Location:	BD L-36 EOL				Samp	oler 8	gnatu	ire:	Roza	anne J	ohn	ison (5	/5)631	-9310	1		Exte	1	PbS						22				3				
Monitor Well #1		Lea County New Mex	kico		1	/	1		1							1		1005		5 3	5					C/62				오	0			
Monitor Well #1				-		MA	TRU	M	1					SAN	IPLING			XT/		Bacc	Da	S			/624	8270		808		000	Na, F		Spilo	
Monitor Well #1	LAB#	FIELD CODE	r (C)omp	AINERS	~			L L	. 40ml VOA)		94		Liter HDPE)	2022)		3021B/602	021B/602	8.1/TX1005	270C	etals Ag As	retais Ag As	emi Volatile	esticides		Vol. 8260B	Semi. Vol.	8082/608	des 8081A/6	SS, pH	re Content	s (Ca, Mg,	ss (SO4)	Dissolved 5	can
Monitor Well #1 G 5 X 4 1 8/11 12:55 X 3 4 1 8/11 12:55 X 3 4 1 8/11 12:55 X 3 3 4 1 8/11 10:20 X 3 3 3 3 3 3 3 3 3			(G)rab or	# CON	WATER	SOIL	AIR	SLUDG	HCL (4	HNO3	NaHSC	12504	NONE (1-1	_	-	MTRF	BTEX		PAH 82	Total M	TCLPV	TCLP S	TCLP P	RCI	GC/MS	GC/MS	PCB's	Pesticic	BOD, T	Moistu	Cation	100	_	X
Monitor Well #2 G 5 X 4 1 1 8/11 10:20 X Monitor Well #3 G 5 X 4 1 1 1 8/11 10:20 X Monitor Well #3 G 5 X 4 1 1 1 8/11 10:20 X Relinquished by: Date: Time: Received by: Date: Time: Received by: Date: Time: Received by: Date: Time: Received By: (Laboratory Staff) Date: Time: Remarks: Email Results: kiones@riceswd.com rozanne@sdacres.com	Monitor W	ell #1	G	5	+-		Н	+	_	\vdash	1	+	-	_	_	_	_	_	Н	+	+	+	\vdash	Н	H	Н		H	\forall	+	+	-	_	X
Monitor Well #3 G S X Date: Time: Received by: Date: Time: Phone Results Yes No Fax Results Yes No Additional Fax Number: Received By: (Laboratory Staff) Date: Time: Received By: (Laboratory Staff) Date: Time: Received By: (Laboratory Staff) Date: Time: Received By: (Circle One) Sample Condition CHECKED BY: (Initials) CHECKED BY: (Initials)		ell #2			+-	-	Н	+	+	\vdash	\vdash	+	_	-	_	-	_	+	Н	+	+	+							П	\top		-	X	Х
Received by: Remarks: 3 Monitor W	ell #3	G	5	X	\vdash	Н	+	+	\vdash	\vdash	+	+	0/1	10.2	+	1			1	T	T										П			
Received by: Remarks: Remarks: Remarks: Remarks: Remarks: Remail Results: Remail Results: Received by: Remarks: Remail Results: Remail R			\vdash		+		Н	+	+	\vdash	\forall	+	\top			T						L							Ц	+	+	Н	+	
Received by: Remarks: Remarks: Remail Results: Remail Results: Received by: Remail Results: Remail Results: Remail Results: Received by: Remail Results:					T		\Box					I				1	_	_	Ц	1	+	1	_				-		Н	+	+	Н	+	_
Received by: Remarks:							1				1	-	_	-	+	+	+	H	H	+	+	+	-			-		H	+	+	Н	+		
Received by: Remarks:				-	_	Н	+	+	-	\vdash	+	+	\vdash	+	+	+	+	Н	H	+	+	+	-			\vdash		Н	+	+	Н	+		
Received by: Remarks:			-	+	-	Н	+	+	\vdash	H	+	+	\vdash	+	+	+	+	H	H	+	+	+								I				
Regarding Johnson 8 13 200 15:10 Received By: (Laboratory Staff) Date: Time: Received By: (Laboratory Staff) Date: Time: Received By: (Laboratory Staff) Date: Time: Remarks: Email Results: kjones@riceswd.com rozanne@sdacres.com	2015/00/10/10/10/10/10/10/10/10/10/10/10/10/	nto: Time:	Recei	ved by				_	_	D	ate:	_	Time				hone	Res	ults		Y	'es	L	No										
Received By: (Laboratory Staff) Date: Time: Received By: (Laboratory Staff) Date: Time: RemARKS: Email Results: kiones@riceswd.com rozanne@sdacres.com Yes Yes Yes (Initials)	1/1/1/		-	7 1	1 ~	10	10	0 1	1		81	1	1/2	2/	510	F					1	'es		No		Add	ditio	nal l	Fax	Numb	oer:			
Delivered By: (Circle One) Sample Condition Yes Yes Yes Yes (Initials) Email Results: kjones@riceswd.com rozanne@sdacres.com			Recei	ived By	/: (L	abo	atory	Staf	TO	D	ate:			Andrew Street, or other Designation of the last of the		F	REM/	RKS	3:															
Delivered By: (Circle One) Sample Condition Cool, Intact Yes Yes (Initials)	2 ()		1													┛	E	mail	Res	ults	_													
Yes Yes (Initials)	Delivered By: (Circle One		Sampl	e Condi	ition			T	CH	HECK	(ED B	Y:				١					I	OZa	anne	e@	sda	cre	S.C	om						
Sampler /- UPS - Bus - Other:		Othern		/	P	Yes			(In	nitials	8	To	2																					
	Sampler /- UPS - B	us - Otner:	_	NO	_	INO		Ц								_																		



May 12, 2022

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD L-36 EOL

Enclosed are the results of analyses for samples received by the laboratory on 05/05/22 15:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey 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



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received: 05/05/2022 Sampling Date: 05/03/2022 Reported: 05/12/2022 Sampling Type: Water

Project Name: BD L-36 EOL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: MS\

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

mg/L

Sample ID: MONITOR WELL #1 (H221895-01)

BTEX 8021B

	5.			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	05/11/2022	ND	0.020	101	0.0200	1.15	
Toluene*	< 0.001	0.001	05/11/2022	ND	0.020	99.0	0.0200	1.80	
Ethylbenzene*	<0.001	0.001	05/11/2022	ND	0.019	97.2	0.0200	1.32	
Total Xylenes*	<0.003	0.003	05/11/2022	ND	0.062	103	0.0600	0.785	
Total BTEX	<0.006	0.006	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1 %	% 77.1-12	24						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	610	4.00	05/08/2022	ND	104	104	100	0.00	
Sulfate 375.4	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	516	125	05/11/2022	ND	18.2	91.0	20.0	10.2	
TDS 160.1	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	2120	5.00	05/10/2022	ND	486	97.2	500	0.164	

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celey & Keene



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240

Fax To: (575) 397-1471

Received: 05/05/2022 Sampling Date: 05/03/2022 Reported: 05/12/2022 Sampling Type: Water Project Name: BD L-36 EOL Sampling Condition: Cool & Intact Project Number: Sample Received By: Shalyn Rodriguez NONE GIVEN

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

Sample ID: MONITOR WELL #2 (H221895-02)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	05/11/2022	ND	0.020	101	0.0200	1.15	
Toluene*	< 0.001	0.001	05/11/2022	ND	0.020	99.0	0.0200	1.80	
Ethylbenzene*	< 0.001	0.001	05/11/2022	ND	0.019	97.2	0.0200	1.32	
Total Xylenes*	<0.003	0.003	05/11/2022	ND	0.062	103	0.0600	0.785	
Total BTEX	<0.006	0.006	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7 9	% 77.1-12	14						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	600	4.00	05/08/2022	ND	104	104	100	0.00	
Sulfate 375.4	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	560	125	05/11/2022	ND	18.2	91.0	20.0	10.2	
TDS 160.1	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	2100	5.00	05/10/2022	ND	486	97.2	500	0.164	

Analyzed By: MS\

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celey D. Keine



Analytical Results For:

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

• •

Received: 05/05/2022 Sampling Date: 05/03/2022 Reported: 05/12/2022 Sampling Type: Water Project Name: BD L-36 EOL Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Shalyn Rodriguez

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

Sample ID: MONITOR WELL #3 (H221895-03)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	05/11/2022	ND	0.020	101	0.0200	1.15	
Toluene*	< 0.001	0.001	05/11/2022	ND	0.020	99.0	0.0200	1.80	
Ethylbenzene*	< 0.001	0.001	05/11/2022	ND	0.019	97.2	0.0200	1.32	
Total Xylenes*	<0.003	0.003	05/11/2022	ND	0.062	103	0.0600	0.785	
Total BTEX	<0.006	0.006	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6 9	% 77.1-12	14						
Chloride, SM4500Cl-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	530	4.00	05/08/2022	ND	104	104	100	0.00	
Sulfate 375.4	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	532	125	05/11/2022	ND	18.2	91.0	20.0	10.2	
TDS 160.1	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1960	5.00	05/10/2022	ND	486	97.2	500	0.164	

Analyzed By: MS\

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celeg D. Freene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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

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 whistoever 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 the 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.

Celey D. Keine

f32	
Page 25 o	101 East Marland - Hobbs, NM 88240 Tel (575) 393-2326 Fax (575) 393-2476
- 1	Company Name:

Project Manager: Katie Jones

Address:

Phone #:

Project #:

Project Location:

Relinquished by: Date Rozanne Johnson Date Relinquished by: 3/30/2023 Delivered By: (Circle One) (Initials) Sampler - UPS - Bus - Other:

		• 1		_	_		_				T		_				CHA						_	-	STATE OF THE PERSON	Section 1	IS I	REC	UE	ST		9
01 East Marland - Ho Tel (575) 39 Fax (575) 39	3-2326 Caru	ına		al	00	ra	at	or	16	es,	, 1	n	c.					L	AB O	rder	ID#	#	22	18	75							Page 6 of
ompany Name:			BILL TO								PO#	#							-	NA	LY	SIS	RE	QUE	ST							ge
RICE Opera	ating Company		RICE				Com	npan															fy Me			1						<u>ام</u>
roject Manager:					Addres					Street,		Zip)			1	1	1	1	ì	1	1	- 1	1	1	I	1 1	-	1	1 1	-	1	
Katie Jones			122 W	-	-	THE RESERVE	obbs,	New	Mexic	0 882								П								П						П
	Street, City, Zip)				Phone						Fax		07.4	474				0.7														
122 W Taylor Str	eet ~ Hobbs, New Mexico 88240		(575)	393	3-91	74					(5)	(5)3	97-1	4/1				3/20														- 1
none #:		Fax #:	207	117	4											1	6	910														
(575) 393-9		(575)	397-	147	1	- 1 - 1			_		-			_		1		9 6	g													
roject #:	Project Name: BD L-36 EOL															1	IPH 418.1/1 X 1005 / 1 X 1005 Extended (CSS) PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200	TCLP Metals Ag As Ba Cd Cr Pb Se Hg													
roject Location:	BD L-30 LOL				Sampl	er Sig	natur	e:	Rozai	nne Jo	ohnso	n (57	5)631-9	310			ž	S d	Pb									2				I.S
	Sec36 L ~ Lea County New N	Mexico														3	8	5	ठं					162				3				24 Hours
121011012		T		T	BAA.	TRIX		Р	RES	ERV	ATIV	E	SAME	ING		13	{	8	8				4	8270C/625				Na. K)		8		24
		1		L	IVIA	INIA	_	<u>_</u>	M	ETHO	DD	\vdash	O7 tilli					Ba	s Bs	l s			B/62	82	809/			3 2		ligil Sign		o ×
		윤	RS					(¥)			PE)				302	2 3	3	g As	A B	latil	se		GC/MS Vol. 8260B/624	GC/MS Semi. Vol.	Pesticides 8081A/608	_	Moisture Content	Cations (Ca. Md. Na. K)	€ (§	Total Dissolved Solids		Turn Around Time
LAB#	FIELD CODE	(S)	뿔					=			ICE (1-1Liter HDPE)	П	22)		8021B/602	8021B/602	ĕ ₀	s A	A SIE		TCLP Pesticides		- 8	GC/MS Semi. Vo	80	BOD, TSS, pH	Col	2 6	Sulfates (SO4)	8		pur
		اق	TA	<u>~</u>		ц		4	1	2	1Lite		(20;		802	802	8270C	etal	Neta	Sem	Pest		8	Se	des	rss	are.	Anions (Ci,	es (Sis	Chlorides	You
ONLY	Y .	ap o	O N	쁘	_	≧		4	ő		= =	빙	1	ш	띪	×	4 0	al	مام	10	P P	_	NA.	× 1	stici	Ö,	istr		Ifat	tal	lori	E
ONLT	1	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR		HCL (4 - 40ml VOA)	HNO3	NaHSO ₄		NONE	DATE (2022)	TIME	MTBE	BTEX	PAH	Tot	101	TCLP Semi Volatiles	15	RC	8	8 8	P G	8	ž	Z 2	Su	P	Ö	리
1	Monitor Well #1	G	5	Х				4			1		5/3	13:00		Х				I				\perp	1	_	Н	+	X	-	Х	
à	Monitor Well #2	G	5	х		T	T	4			1		5/3	9:15		х			Ш	\perp				_	\perp	\perp	Н	+	X	-	X	
3	Monitor Well #3	G	5	х			1	4			1		5/3	10:30		Х	_		Ц	\perp				4	+	\perp	Н	+	X	X	Х	\square
				П			2												Ц	_				4	_	\perp	Н	+	+	Н	-	
				П			1											L	Ц	_				\perp	\perp	_	Н	+	+	Н	-	
				П					П									L	Ш					_	\perp	\perp	Н	+	+	Н	_	
							T	П	П		T									\perp			Ц		\perp	\perp	Ш	1	1	Н	_	
		+		\forall			T		\Box		\top	П			П			Г												Ш		
		+		\vdash			T		\Box		\top	П			П			Т	П	T												
		+		+	-	+	+	\vdash	\forall		+	Н							П	T												
Relinquished by:	Date: Time:	Recei	ved by:			_			Da	ite:	T	ime:			Pho	ne R	esult	3		/es	T	No										
		2	0	1	Oi	0	11	0 A	\wedge		52	10	15	0/0	Fax	Res	ults		Ц	/es	Г	No		Addit	ional	Fax	Num	ber:				
Rozanne Johnson		()	Vod B		oboro	ton	Haff	<u> </u>	(D)a		_	ime:	1)	Ψ	REN	-	ASSESSMENT OF THE PARTY OF THE	-	ш	. 03	_											
Relinquished by:	Date: Time:	Recei	ved By	. (L	abora	LOIX	otali)		9	iio.	- 1	iiiio.										-i-		رما د	- 100							
															1	Ema	il Re	sult	-				esv									
Delivered By:	(Circle One)	Sample	e Condi	tion			T	CHI	ECKE	D BY	:				1				1	OZa	anne	e@s	sdad	res	con	<u>n</u>						



February 07, 2022

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD L-36 EOL

Enclosed are the results of analyses for samples received by the laboratory on 02/02/22 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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 (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-14

Fax To: (575) 397-1471

 Received:
 02/02/2022
 Sampling Date:
 01/28/2022

 Reported:
 02/07/2022
 Sampling Type:
 Water

Project Name: BD L-36 EOL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS/

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

mg/L

Sample ID: MONITOR WELL #1 (H220393-01)

BTEX 8021B

	97		7	<u>,,</u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	02/04/2022	ND	0.020	102	0.0200	0.853	
Toluene*	< 0.001	0.001	02/04/2022	ND	0.019	96.8	0.0200	1.65	
Ethylbenzene*	< 0.001	0.001	02/04/2022	ND	0.019	95.1	0.0200	1.09	
Total Xylenes*	<0.003	0.003	02/04/2022	ND	0.060	101	0.0600	1.61	
Total BTEX	<0.006	0.006	02/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 77.1-12	4						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	490	4.00	02/02/2022	ND	100	100	100	0.00	
Sulfate 375.4	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	625	125	02/04/2022	ND	18.5	92.4	20.0	2.72	
TDS 160.1	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1930	5.00	02/03/2022	ND	519	104	500	3.07	

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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 the 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.

Celey & Keene



Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To:

(575) 397-1471

Received: 02/02/2022 Sampling Date: 01/28/2022 02/07/2022 Reported: Sampling Type: Water Project Name: BD L-36 EOL Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM

Sample ID: MONITOR WELL #2 (H220393-02)

BTEX 8021B	mg/	L	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	02/04/2022	ND	0.020	102	0.0200	0.853	
Toluene*	< 0.001	0.001	02/04/2022	ND	0.019	96.8	0.0200	1.65	
Ethylbenzene*	< 0.001	0.001	02/04/2022	ND	0.019	95.1	0.0200	1.09	
Total Xylenes*	<0.003	0.003	02/04/2022	ND	0.060	101	0.0600	1.61	
Total BTEX	<0.006	0.006	02/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 77.1-12	4						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	480	4.00	02/02/2022	ND	100	100	100	0.00	
Sulfate 375.4	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	618	125	02/04/2022	ND	18.5	92.4	20.0	2.72	
TDS 160.1	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1850	5.00	02/03/2022	ND	519	104	500	3.07	

Cardinal Laboratories *=Accredited Analyte

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 the 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.

Celey D. Keine



Analytical Results For:

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

Received: 02/02/2022 Reported: 02/07/2022

Project Name: BD L-36 EOL Project Number: NONE GIVEN

Project Location: T21S R37E SEC 36 L ~ LEA COUNTY NM Sampling Date: 01/28/2022 Sampling Type: Water

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: MONITOR WELL #3 (H220393-03)

BTEX 8021B	mg/	L	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.001	0.001	02/04/2022	ND	0.020	102	0.0200	0.853	
Toluene*	< 0.001	0.001	02/04/2022	ND	0.019	96.8	0.0200	1.65	
Ethylbenzene*	< 0.001	0.001	02/04/2022	ND	0.019	95.1	0.0200	1.09	
Total Xylenes*	<0.003	0.003	02/04/2022	ND	0.060	101	0.0600	1.61	
Total BTEX	<0.006	0.006	02/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 77.1-12	4						
Chloride, SM4500Cl-B	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	448	4.00	02/02/2022	ND	100	100	100	0.00	
Sulfate 375.4	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	640	125	02/04/2022	ND	18.5	92.4	20.0	2.72	
TDS 160.1	mg/	L	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	1910	5.00	02/03/2022	ND	519	104	500	3.07	

Cardinal Laboratories *=Accredited Analyte

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 the 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.

Celey D. Keine



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

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 whistoever 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Cardinal Laboratories, Inc. 101 East Marland - Hobbs, NM 88240 ₹ Tel (575) 393-2326 LAB Order ID# 9 Fax (575) 393-2476 BILL TO Company: **ANALYSIS REQUEST** RICE Operating Company RICE Operating Company (Circle or Specify Method No.) (Street, City, Zip) Katie Jones 122 W Taylor Street ~ Hobbs, New Mexico 88240 (Street, City, Zip) 6010B/200.7 (575)397-1471 (575) 393-9174 122 W Taylor Street ~ Hobbs, New Mexico 88240 TPH 418.1/TX1005 / TX1005 Extended (C35) (575) 397-1471 (575) 393-9174 Ba Cd Cr Pb Se Hg Project Name: Project #: BD L-36 EOL CO3, HCO3) Project Location: 24 Hours 8270C/625 T21S R37E Sec36 L ~ Lea County New Mexico **PRESERVATIVE** SAMPLING GC/MS Vol. 8260B/624 Total Dissolved Solids Pesticides 8081A/608 TCLP Semi Volatiles 4220393 Turn Around Time CONTAINERS GC/MS Semi. Vol. Moisture Content Anions (CI, SO4, Cations (Ca, Mg, CE (1-1Liter HDPE) (G)rab or (C)omp PCB's 8082/608 TCLP Pesticides LAB# BOD, TSS, pH FIELD CODE **DATE** (2022) **PAH 8270C** AIR SLUDGE NaHSO4 HCL (4-LAB USE H₂SO₄ NONE HNO3 SOIL ONLY RC X Х 1/28 14:35 4 1 G 5 Monitor Well #1 X X Х Х 4 1 1/28 10:15 G Monitor Well #2

X

Received By: (Laboratory Staff)

Yes U

5

G

Received by:

Sample Condition

4

CHECKED BY:

(Initials)

1

Time:

X

Phone Results

Fax Results

REMARKS:

Email Results:

Yes

kjones@riceswd.com

rozanne@sdacres.com

Additional Fax Number:

1/28 11:50

Relinquished by:
Rozanne Johnson
Relinquished by:
Delivered By:

Monitor Well #3

(Circle One)

Sampler - UPS - Bus - Other:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 202248

CONDITIONS

Operator:	OGRID:
RICE OPERATING COMPANY	19174
122 W Taylor	Action Number:
Hobbs, NM 88240	202248
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By		Condition Date
michael.buchanan	Review of the 2022 Annual Groundwater Report for ROC, BD L-36 EOL: Content Satisfactory 1. Continue to collect samples quarterly for groundwater. 2. Submit 2023 Annual GW Report to NMOCD no later than April 1, 2024. 3. Await determination from NMOCD on termination request.	6/27/2023