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

April 1, 2020

Bradford Billings

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

> RE: 2019 Annual Groundwater Report Rice Operating Company – BD SWD System BD Jct. B-4-2 (1R426-204): UL/B, Sec. 4, T22S, R37E

Mr. Billings:

RICE Operating Company (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 1 mile south of Eunice, New Mexico at UL/B, Sec. 4, T22S, R37E as shown on the Geographical Location Map and Area Map. Monitoring wells installed at the site confirmed groundwater is located at a depth of 92 feet below ground surface (bgs).

In 2008, ROC initiated work on the former B-4-2 junction box. The site was delineated using a backhoe to form a 30x25x12-ft deep excavation and soil samples were screened at regular intervals for both hydrocarbon and chloride. The excavated soil was blended on site and representative samples were collected from the excavation walls (4-wall comp), excavation bottom (bottom comp), and the blended excavated soil (backfill comp). Each sample was sent to a commercial laboratory for analysis of chloride and TPH, resulting in elevated concentrations. The excavation was backfilled with the blended excavated soil up to 5 ft bgs, and a 5 ft shelf was excavated to the east and west. At 5–4 ft bgs, a 40x25x1-ft thick compacted clay barrier was installed. The clay layer will provide a barrier that will inhibit the downward migration of chloride to groundwater. The remaining blended excavated soil was returned to the excavation and the site was contoured to the surrounding area.

An ICP was submitted to NMOCD on May 4th, 2015 and approved on May 7th, 2015. A total of 11 soil bores were drilled at the site on September 28th and 29th, 2015 and June 13th, 14th, 17th, 2016 and October 19th, 2016. As the bores were advanced, soil samples were collected at regular intervals and field tested for chloride and hydrocarbon. Representative samples from each bore were sent to a commercial laboratory for confirmatory analysis. Each sample was plugged with bentonite to ground surface.

A Corrective Action Plan (CAP) was submitted to the NMOCD and approved on June 30th, 2017. According to the NMOCD approved CAP, a 20-mil reinforced liner measuring 113x70-ft was installed and properly seated at a depth of 4.5 ft bgs. 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 NMOCD on November 9th, 2017. NMOCD approved and 'Soil Closure' on December 11th, 2017.

Between November 13th-15th, 2018, three monitoring wells (MW-1, MW-2, and MW-3) were installed at the site. Lithology soil samples were collected at regular intervals. The wells were developed and have been sampled quarterly since installation. Groundwater chloride concentrations have remained low in each well. The most recent sampling event resulted in a chloride concentration of 176 mg/L in MW-1, 80 mg/L in MW-2, and 236 mg/L in MW-3. BTEX concentrations have remained below detectable limit in each well since installation.

Given that BTEX concentrations have been below detectable limits since installation, ROC requests to suspend BTEX sampling in all three wells (MW-1, MW-2 and MW-3). Further, due to the current climate, and in the interest of safety, ROC proposes to reduce groundwater monitoring from quarterly to semi-annually beginning this year. This request is only temporary and regularly scheduled groundwater monitoring will commence as soon as possible.

Attached is the Appendix, which contains:

- 1. A Geographical Location Map.
- 2. A map showing well locations.
- 3. Monitoring well logs and photos of installation.
- 4. A table presenting all laboratory results and depth to groundwater for each well at the site, and a graph showing recent laboratory results.
- 5. The laboratory analytical results for 2019.

Rice Operating Company appreciates the opportunity to work with you on this project. Please contact me at (575) 393-9174 or Edward Hansen at (505) 920-4965 if you have any questions or wish to further discuss this site. Thank you for your time and consideration.

Sincerely,

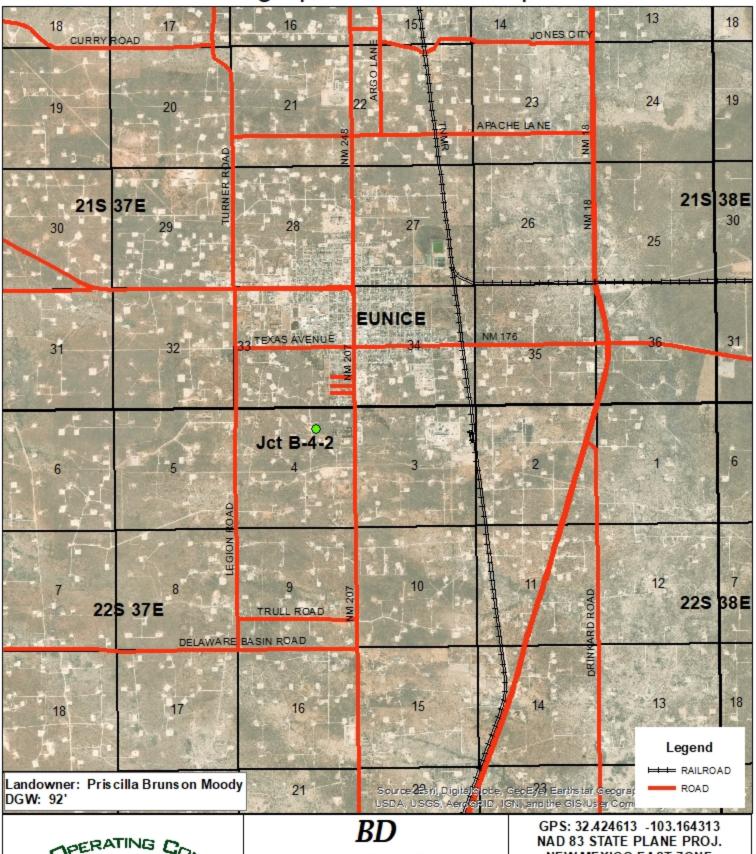
Katie Davis

Environmental Manager RICE Operating Company

Katy Davis

appendix

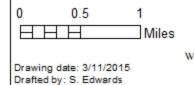
Geographic Location Map



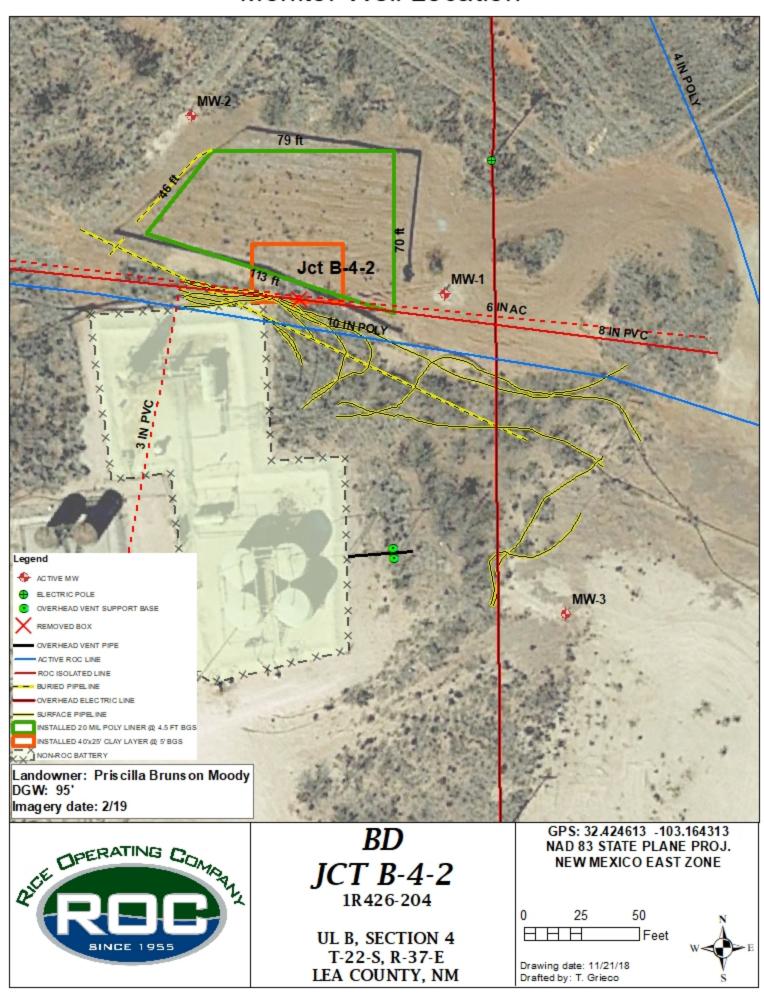


JCT B-4-2 1R426-204

UL B, SECTION 4 T-22-S, R-37-E LEA COUNTY, NM NEW MEXICO EAST ZONE



Monitor Well Location



Logger: Driller:			lick Kopia on & Coo		MW-2				TAS GEOS	S M CIEI	AN NCES
Drilling N Start Dat End Date	e:		Air rotar 11/13/201 11/14/201	18	SNAC SNAC SNAC SNAC SNAC SNAC SNAC SNAC	Project Name: Well ID: BD Jct. B-4-2 MW-1 Project Consultant: Tasman					
site. So	il sampl TD	es we	ere colle DR	ected fr	y 45 ft east of the former junction box om drill cuttings at specified intervals. BY: N.Kopiasz GW = 92 ft	vals.					County: Le
Depth Chloride (feet) field tests LAB PIC				PID	Description		Lithology	Well Construction			
ss					SM-red, silty sand						Concrete
5 ft					CL-red, silty clay					:	
					GW-light tan, sandy dravel, caliche						
10 ft					SW-tan, well graded sand, caliche				4 in. PVC		
15 ft					SW-Same As Above (SAA)						Bentonite Seal
20 ft					SW-SAA						-33.
25 ft					GM-light tan, gravelly silt, caliche						
30 ft					Owi-light tan, gravelly slit, callette						
					SM-tan, silty sand, caliche						

35 ft

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
40 ft				SM-tan, silty sand, caliche and sandstone		
				SM-tan, silty sand, very fine grained sandstone		
45 ft				SM-SAA		
50 ft				SM-SAA		
55 ft				GM-tan, silty gravel, sandstone		Bentonite
60 ft				SM-tan, silty sand, sandstone		
65 ft				SM-tan, silty sand		
70 ft						
75 ft				SM-tan, silty sand, sandstone		
80 ft				SM-SAA		
				SM-reddish tan, silty sand, sandstone		Sand Pack
85 ft						

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
90 ft				SM-reddish tan, silty sand, sandstone, moist		
				SM-SAA		
95 ft				SM-light brown, silty sand, moist		
100 ft				SM-SAA		
105 ft				SM-SAA		Sand
110 ft						Pack
115 ft				Not Sampled (NS)		
120 ft				NS		
				NS		
125 ft				NS		10' Sump
130 ft						10' S
135 ft				NS		

Logger: Nick Kopiasz

Driller: Harrison & Cooper, Inc.

Drilling Method: Air Rotary

Start Date: 11/15/2018

End Date: 11/15/2018



Project Name: Well ID:

BD Jct. B-4-2 MW-2

Project Consultant: Tasman

Comments: Located approximately 82 ft northwest of the former junction box site. Soil samples were collected from drill cuttings at specified intervals.

TD = 100 ft

DRAFTED BY: N.Kopiasz

Location:

Unit B, Section 4, T22S, R37E

Lat: 32.424836 County: Lea Long: -103.164463 (NAD83) State: NM

	10 - 10	J 11		GW = 95 IL	Long 103. 104403 (NAD83) State. 11111				
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology		Well	Construction
SS				SM-red, silty sand					Concrete
F. 64				CL-red, silty clay					
5 ft				CL-Same As Above (SAA)					
10 ft				SW-light tan, well graded sand, caliche				2 in. PVC	
15 ft				GM-reddish tan, silty gravel, caliche and sandstone					Bentonite
20 ft				GW-light tan, well graded gravels,					Seal
25 ft				caliche					
30 ft				GW-SAA					
30 11				GW-SAA					
35 ft				GW-SAA					

GW = 93 ft

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
40 ft				GM-light tan, silty gravel, caliche		
				SM-tan, silty sand, caliche		
45 ft				SM-SAA		
50 ft				SM-tan, silty sand		Bentonite
55 ft				SM-tan, silty sand, sandstone		Seal
60 ft				SM-SAA		
65 ft				CM to a silt a soul		
70 ft				SM-tan, silty sand		
75 ft				SM-reddish tan, silty sand, sandstone		
				SW-reddish tan, well graded sand, sandstone		Sand
80 ft				SM-reddish tan, silty sand, sandstone		Pack
85 ft				20202		

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
				SM-reddish tan, silty sand, caliche, moist		
90 ft						
				SM-reddish tan, silty sand, moist		Sand
95 ft						
				SM-light brown, silty sand, moist		
100 ft						
				SM-SAA		
105 ft						
				SM-SAA		
110 ft						

Logger: Nick Kopiasz MW-1 Driller: Harrison & Cooper, Inc. **Drilling Method:** Air Rotary MW-3 Start Date: 11/15/2018 0 30 60 Feet

TASMAN GEOSCIENCES

Project Name: Well ID:

BD Jct. B-4-2 MW-3

Project Consultant: Tasman

Comments: Located approximately 179 ft southeast of the former junction box site. Soil samples were collected from drill cuttings at specified intervals.

DRAFTED BY: N.Kopiasz

11/15/2018

TD = 101 ft

End Date:

Location:

Unit B, Section 4, T22S, R37E

Lat: 32.424236 County: Lea Long: -103.163944 (NAD83) State: NM

	10 = 10	1 11		GVV = 89 IL	Long: -103.163944 (NAD83) State: NIV				
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology	Γ	Well	Construction
SS				SM-red, silty sand					Concrete
5 ft				CL-red, silty clay					
				SM-reddish tan, silty sand, caliche					
10 ft				GM-reddish tan, silty gravel, caliche				2 in. PVC	
15 ft 20 ft				SM-reddish tan, silty sand, caliche					Bentonite
25 ft				GM-light tan, silty gravel, caliche					
				SM-light tan, silty sand, caliche					
30 ft				SM-Same As Above (SAA)					
35 ft									

GW = 89 ft

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
40 ft				SM-SAA		
				SM-tan, silty sand, sandstone and caliche		
45 ft				SM-SAA		
50 ft				SM-light tan, silty sand, sandstone		
55 ft				SM-SAA		Bentonite
60 ft				SM-tan, silty sand, sandstone and caliche		
65 ft				SM-tan, silty sand		
70 ft						
75 ft				SM-tan, silty sand, sandstone		
80 ft				SM-SAA		Sand
85 ft				SM-tan, silty sand		Pack

Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology	Well Construction
				SM-tan, silty sand, moist			
90 ft							
				SW-tan, well graded sand, caliche, moist			Sand
95 ft							
				SM-light brown, silty sand, moist			
100 ft							
				SM-SAA			
105 ft							

















Rice Operating Company BD Jct. B-4-2 Drilling Photo Log

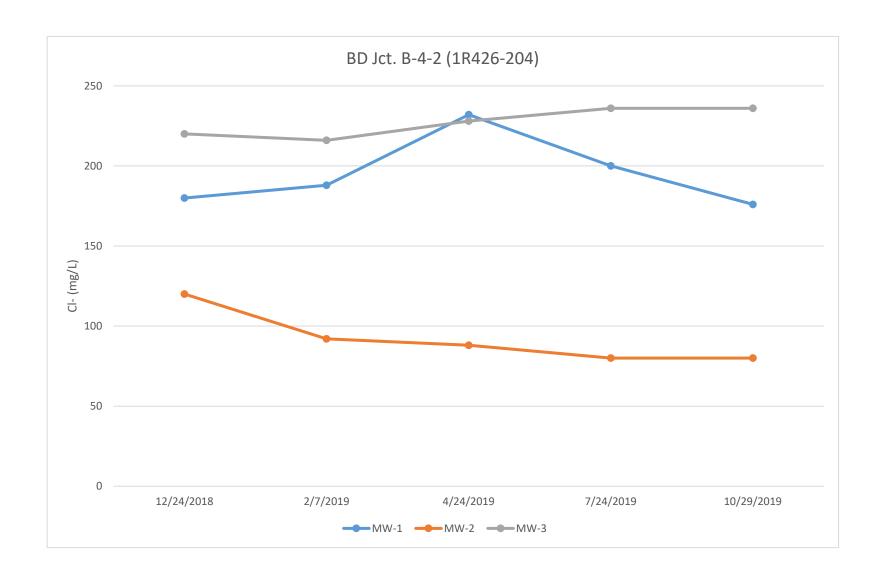


ROC - BD Jct. B-4-2 (1R426-204) Unit Letter B, Section 4, T22S, R37E

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	92.83	137.9	30	100	12/24/2018	180	759	<0.001	<0.001	<0.001	<0.003	272	Clear No odor
1	92.5	137.9	30	100	2/7/2019	188	841	<0.001	<0.001	<0.001	<0.003	349	Clear No odor
1	92.63	137.9	30	100	4/24/2019	232	866	<0.001	<0.001	<0.001	<0.003	151	Clear No odor
1	92.56	137.9	30	100	7/24/2019	200	1,030	<0.001	<0.001	<0.001	<0.003	291	Clear No odor
1	92.41	137.9	30	100	10/29/2019	176	963	<0.001	<0.001	<0.001	<0.003	253	Clear No odor

MW	Depth to	Total	Well	Volume	Sample	CI	TDS	Benzene	Toluene	Ethyl	Total	Sulfato	Comments
IVIVV	Water	Depth	Volume	Purged	Date	Ci	כטו	Delizelle	Toluelle	Benzene	Xylenes	Juliate	Comments
2	93.92	100.9	1.1	5	12/24/2018	120	574	<0.001	<0.001	<0.001	<0.003	179	Clear No odor
2	93.52	100.9	1.2	5	2/7/2019	92	650	<0.001	<0.001	<0.001	<0.003	155	Clear No odor
2	93.65	100.9	1.2	5	4/24/2019	88	646	<0.001	<0.001	<0.001	<0.003	124	Clear No odor
2	93.6	100.9	1.2	5	7/24/2019	80	577	<0.001	<0.001	<0.001	<0.003	180	Clear No odor
2	93.38	100.9	1.2	5	10/29/2019	80	569	<0.001	<0.001	<0.001	<0.003	101	Clear No odor

MW	Depth to	Total	Well	Volume	Sample	CI	TDS	Benzene	Toluene	Ethyl	Total	Sulfate	Comments
10100	Water	Depth	Volume	Purged	Date	Ci	כם	DC112C11C	Toluctio	Benzene	Xylenes	Juliate	Comments
3	89.58	101.4	1.9	6	12/24/2018	220	807	<0.001	<0.001	<0.001	<0.003	187	Clear No odor
3	89.28	101.4	1.9	6	2/7/2019	216	916	<0.001	<0.001	<0.001	<0.003	177	Clear No odor
3	89.38	101.4	1.9	6	4/24/2019	228	906	<0.001	<0.001	<0.001	<0.003	144	Clear No odor
3	89.34	101.4	1.9	6	7/24/2019	236	915	<0.001	<0.001	<0.001	<0.003	158	Clear No odor
3	89.19	101.4	1.9	6	10/29/2019	236	900	<0.001	<0.001	<0.001	<0.003	191	Clear No odor





February 20, 2019

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 02/12/19 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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



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

Fax To: (575) 397-1471

Received: 02/12/2019 Sampling Date: 02/07/2019
Reported: 02/20/2019 Sampling Type: Water

Project Name: BD JUNCTION B-4-2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #1 (H900546-01)

BTEX 8021B	mg/	'L	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.001	0.001	02/19/2019	ND	0.024	120	0.0200	1.25	
Toluene*	< 0.001	0.001	02/19/2019	ND	0.023	114	0.0200	1.65	
Ethylbenzene*	<0.001	0.001	02/19/2019	ND	0.021	104	0.0200	2.53	
Total Xylenes*	<0.003	0.003	02/19/2019	ND	0.062	103	0.0600	2.53	
Total BTEX	<0.006	0.006	02/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	71.8	% 81.3-12	18						
Chloride, SM4500CI-B	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	188	4.00	02/15/2019	ND	104	104	100	3.77	
Sulfate 375.4	mg/	'L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	349	50.0	02/18/2019	ND	23.3	117	20.0	0.556	
TDS 160.1	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	841	5.00	02/15/2019	ND	516	97.9	527	2.62	
TDS*	841	5.00	02/15/2019	ND	516	97.9	527	2.62	

Cardinal Laboratories *=Accredited Analyte

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

Fax To: (575) 397-1471

Received: 02/12/2019 Sampling Date: 02/07/2019 Reported: 02/20/2019 Sampling Type: Water Project Name: BD JUNCTION B-4-2 Sampling Condition: Cool & Intact

Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #2 (H900546-02)

BTEX 8021B	mg/	L	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	02/19/2019	ND	0.024	120	0.0200	1.25	
Toluene*	< 0.001	0.001	02/19/2019	ND	0.023	114	0.0200	1.65	
Ethylbenzene*	< 0.001	0.001	02/19/2019	ND	0.021	104	0.0200	2.53	
Total Xylenes*	< 0.003	0.003	02/19/2019	ND	0.062	103	0.0600	2.53	
Total BTEX	<0.006	0.006	02/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	74.2 9	% 81.3-12	8						
Chloride, SM4500Cl-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	92.0	4.00	02/15/2019	ND	104	104	100	3.77	
Sulfate 375.4	mg/	L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	155	25.0	02/18/2019	ND	23.3	117	20.0	0.556	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	650	5.00	02/15/2019	ND	516	97.9	527	2.62	

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Celey D. Keine



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

Fax To: (575) 397-1471

Received: 02/12/2019 Sampling Date: 02/07/2019 Reported: 02/20/2019 Sampling Type: Water Project Name: BD JUNCTION B-4-2 Sampling Condition: Cool & Intact

Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #3 (H900546-03)

Qualifier
Qualifier
Qualifier
Qualifier
5

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Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

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Project Location: T22S R37E Se	ec2 B ~ Lea County New Mex	tico		/	Sam	olers	gnatu	9.	Roz	anne	Joh	nson	(57	5)631-	9310			5 Ext	i	r Pb						52					(603)				onus
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ONE!		(G)rab or (C)omp	Ŭ #	WATER	SOIL	AIR	SLUDGE	호	HNO ₃	NaHSO ₄	H ₂ SO ₄	빙	NONE	AT	TIME	MTBE 8021B/602	BTEX 8021B/602	표	PAH 8270C	ea C	팅	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	§	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	nioi	Sulfates	Total Dissolved Solids	Chlorides	E
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May 06, 2019

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 04/29/19 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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



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

Received: 04/29/2019 Sampling Date: 04/24/2019
Reported: 05/06/2019 Sampling Type: Water

Project Name: BD JUNCTION B-4-2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #1 (H901515-01)

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	04/29/2019	ND	0.021	104	0.0200	1.10	
Toluene*	< 0.001	0.001	04/29/2019	ND	0.021	107	0.0200	1.27	
Ethylbenzene*	< 0.001	0.001	04/29/2019	ND	0.020	102	0.0200	0.668	
Total Xylenes*	<0.003	0.003	04/29/2019	ND	0.063	105	0.0600	1.81	
Total BTEX	<0.006	0.006	04/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 81.3-12	?8						
Chloride, SM4500Cl-B	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	232	4.00	05/02/2019	ND	100	100	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*	151	25.0	05/03/2019	ND	23.2	116	20.0	1.74	
TDS 160.1	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	866	5.00	05/02/2019	ND	562	107	527	15.7	

Cardinal Laboratories *=Accredited Analyte

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

Fax To: (575) 397-1471

Received: 04/29/2019
Reported: 05/06/2019
Project Name: BD JUNCTION B-4-2
Project Number: NONE GIVEN

Sampling Date:
Sampling Type:
Sampling Condition:
Sample Received By:

Cool & Intact Tamara Oldaker

04/24/2019

Water

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #2 (H901515-02)

BTEX 8021B	mg/	<u>L</u>	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.001	0.001	04/29/2019	ND	0.021	104	0.0200	1.10	
Toluene*	< 0.001	0.001	04/29/2019	ND	0.021	107	0.0200	1.27	
Ethylbenzene*	< 0.001	0.001	04/29/2019	ND	0.020	102	0.0200	0.668	
Total Xylenes*	<0.003	0.003	04/29/2019	ND	0.063	105	0.0600	1.81	
Total BTEX	<0.006	0.006	04/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 81.3-12	18						
Chloride, SM4500CI-B	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	88.0	4.00	05/02/2019	ND	100	100	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*	124	25.0	05/03/2019	ND	23.2	116	20.0	1.74	
TDS 160.1	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	646	5.00	05/02/2019	ND	562	107	527	15.7	

Cardinal Laboratories *=Accredited Analyte

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04/24/2019

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:04/29/2019Sampling Date:Reported:05/06/2019Sampling Type:Project Name:BD JUNCTION B-4-2Sampling Condition:

Project Number: NONE GIVEN Sample Received By: Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #3 (H901515-03)

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	04/29/2019	ND	0.021	104	0.0200	1.10	
Toluene*	<0.001	0.001	04/29/2019	ND	0.021	107	0.0200	1.27	
Ethylbenzene*	<0.001	0.001	04/29/2019	ND	0.020	102	0.0200	0.668	
Total Xylenes*	<0.003	0.003	04/29/2019	ND	0.063	105	0.0600	1.81	
Total BTEX	<0.006	0.006	04/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	% 81.3-12	8						
Chloride, SM4500Cl-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	228	4.00	05/02/2019	ND	100	100	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*	144	25.0	05/03/2019	ND	23.2	116	20.0	1.74	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	906	5.00	05/02/2019	ND	562	107	527	15.7	

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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

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LAB# H901515 (LABUSE ONLY	FIELD CODE	(G)rab or (C)omp	ONTAINERS	# CONTAINERS WATER SOIL AIR SLUDGE SLUDGE HCL (2 40ml VOA) HNO ₃ HNO ₃ NAHSO ₄ H ₂ SO ₄ ICE (1-1Liter HDPE) NONE DATE (2019) TIME									MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Metals Ag As E	Volatiles	Semi Volatiles	TCLP Pesticides		GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	TSS, pH	Moisture Content	Cations (Ca, Mg, Na, K) Anions (Cl. SO4, CO3, HCO3)	tes	Total Dissolved Solids	ides	Turn Around Time ~ 24 Hours		
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August 02, 2019

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 07/29/19 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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



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

Fax To: (575) 397-1471

 Received:
 07/29/2019
 Sampling Date:
 07/24/2019

 Reported:
 08/02/2019
 Sampling Type:
 Water

Project Name: BD JUNCTION B-4-2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #1 (H902584-01)

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	07/31/2019	ND	0.020	101	0.0200	1.45	
Toluene*	< 0.001	0.001	07/31/2019	ND	0.021	103	0.0200	1.22	
Ethylbenzene*	< 0.001	0.001	07/31/2019	ND	0.020	97.7	0.0200	1.68	
Total Xylenes*	<0.003	0.003	07/31/2019	ND	0.060	99.5	0.0600	2.63	
Total BTEX	<0.006	0.006	07/31/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 81.3-12	8						
Chloride, SM4500Cl-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	200	4.00	07/30/2019	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*	291	50.0	07/31/2019	ND	18.7	93.6	20.0	0.107	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
. /	Result	reporting Limit	,			,	•		•

Cardinal Laboratories *=Accredited Analyte

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Tamara Oldaker

Sample Received By:



Analytical Results For:

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

Fax To: (575) 397-1471

Received:07/29/2019Sampling Date:07/24/2019Reported:08/02/2019Sampling Type:WaterProject Name:BD JUNCTION B-4-2Sampling Condition:Cool & Intact

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

NONE GIVEN

Sample ID: MONITOR WELL #2 (H902584-02)

Project Number:

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	07/31/2019	ND	0.020	101	0.0200	1.45	
Toluene*	< 0.001	0.001	07/31/2019	ND	0.021	103	0.0200	1.22	
Ethylbenzene*	< 0.001	0.001	07/31/2019	ND	0.020	97.7	0.0200	1.68	
Total Xylenes*	<0.003	0.003	07/31/2019	ND	0.060	99.5	0.0600	2.63	
Total BTEX	<0.006	0.006	07/31/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 81.3-12	8						
Chloride, SM4500Cl-B	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	80.0	4.00	07/30/2019	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*	180	25.0	07/31/2019	ND	18.7	93.6	20.0	0.107	
TDS 160.1	mg/	'L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	577	5.00	08/02/2019	ND	533	101	527	2.69	

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07/24/2019

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:07/29/2019Sampling Date:Reported:08/02/2019Sampling Type:Project Name:BD JUNCTION B-4-2Sampling Condition:Project Number:NONE GIVENSample Received By:

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #3 (H902584-03)

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	07/31/2019	ND	0.020	101	0.0200	1.45	
Toluene*	< 0.001	0.001	07/31/2019	ND	0.021	103	0.0200	1.22	
Ethylbenzene*	< 0.001	0.001	07/31/2019	ND	0.020	97.7	0.0200	1.68	
Total Xylenes*	<0.003	0.003	07/31/2019	ND	0.060	99.5	0.0600	2.63	
Total BTEX	<0.006	0.006	07/31/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	% 81.3-12	8						
Chloride, SM4500CI-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	236	4.00	07/30/2019	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*	158	25.0	07/31/2019	ND	18.7	93.6	20.0	0.107	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	915	5.00	08/02/2019	ND	533	101	527	2.69	

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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

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101 East Marland Us	Shhe NM 88240	East Mariand - Hobbs, NM 88240 Tel (575) 393-2326 Cardinal Laboratories, Inc.															CH	A	N-C	F-	CU	STO	OD.	YA	NE	A C	IAL	YS	SIS	RE	QU	EST	000		
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Project Manager:)	Addr	ess:				(Stre	eet, C	City, 2	Zip)				1 1	1	i	ï	ı	1 1	ا .	ااا	,	ı	1 1	۱۰.,	1	ī	1	1	î	1	1
Katie Jones			122 W	Taylo	or Stre	eet ~	Hobbs,	Nev	Mex	cico 8	3824	0																			1	1			
Address: (S	Street, City, Zip)			2.2	Phon							Fax#		o= 4					1	<u>:</u>					Ш						1				
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Phone #: (575) 393-9		Fax #: (575)	397-	147	1)									(C35)		90109															
Project #:	Project Name: BD Junction B-4-2				/		/1	1	1)								tended		Se rig	3														
Project Location: T22S R37E	Sec2 B ~ Lea County New Mex	ico		1	Sam	olers	ignatu	ré:/	Roz	anne	Joh	nson	1 (57	5)631-	9310			005 Ex	li	Cd Cr Pb Se Hg						/625					600	(60)			Hours
			E	1	M	rk	X				HOE	TIVE D		SAME	PLING			/XT		Ba Cd	8	S			1624	8270C		80			ďa, K	2,5	spilos		~ 24
H962584 LAB#	FIELD CODE	or (C)omp	(VOA)										TPH 418.1/TX1005 / TX1005 Extended (C35)	270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 60106/200. (TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides		GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Ci, SO4, CO3, HCO3)	Total Dissolved Solids	les	Turn Around Time ~ 24 Hours					
ONLY		(G)rab											TPH 4	PAH 8270C	Total M	TCLP	TCLP S	TCLP F	RCI	GC/MS	GC/MS	PCB's	Pesticio	BOD, T	Moistu	Cation	Anions (Total E	Chlorides	Turn A					
1	Monitor Well #1	G	3	X		П	\neg	2				1		7/24	13:00		X] :	K X	X	
2	Monitor Well #2	G	3	х		П	\neg	2			П	1		7/24	9:40		Х																(x	X	
2	Monitor Well #3	G	3	x				2				1		7/24	11:10		Х																κx	X	
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Sampler -	UPS - Bus - Other:		No	No No															-						-										



November 06, 2019

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 10/31/19 13:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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



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

Fax To: (575) 397-1471

Received: 10/31/2019 Sampling Date: 10/29/2019
Reported: 11/06/2019 Sampling Type: Water

Project Name: BD JUNCTION B-4-2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #1 (H903722-01)

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	11/05/2019	ND	0.020	98.4	0.0200	0.744				
Toluene*	<0.001	0.001	11/05/2019	ND	0.017	84.5	0.0200	3.21				
Ethylbenzene*	<0.001	<0.001 0.001		ND	0.018	90.9	0.0200	3.11				
Total Xylenes*	<0.003 0.003		11/05/2019	ND	0.056	93.3	0.0600	1.61				
Total BTEX	<0.006	<0.006 0.006		ND								
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 74-98										
Chloride, SM4500CI-B	mg/	L	Analyze	d By: AC								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride*	176 4.00		11/01/2019	ND	104	104	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*	253	50.0	11/01/2019	ND	19.9	99.4	20.0	15.8				
TDS 160.1	mg/	L	Analyze	d By: AC								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
TDS*	963	5.00	11/05/2019	ND	495	93.9	527	1.68				

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

Fax To: (575) 397-1471

Received: 10/31/2019 Sampling Date: 10/29/2019 Reported: 11/06/2019 Sampling Type: Water Project Name: BD JUNCTION B-4-2 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: T22S-R37E-SEC2 B-LEA CTY., NM

Sample ID: MONITOR WELL #2 (H903722-02)

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	11/05/2019	ND	0.020	98.4	0.0200	0.744	
Toluene*	< 0.001	0.001	11/05/2019	ND	0.017	84.5	0.0200	3.21	
Ethylbenzene*	< 0.001	0.001	11/05/2019	ND	0.018	90.9	0.0200	3.11	
Total Xylenes*	<0.003	0.003	11/05/2019	ND	0.056	93.3	0.0600	1.61	
Total BTEX	<0.006	0.006	11/05/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	% 74-98							
Chloride, SM4500CI-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	80.0	4.00	11/01/2019	ND	104	104	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*	101	50.0	11/01/2019	ND	19.9	99.4	20.0	15.8	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	569	5.00	11/05/2019	ND	495	93.9	527	1.68	

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

Received: 10/31/2019
Reported: 11/06/2019
Project Name: BD JUNCTION B-4-2
Project Number: NONE GIVEN

NONE GIVEN T22S-R37E-SEC2 B-LEA CTY., NM Sampling Date:
Sampling Type:
Sampling Condition:
Sample Received By:

10/29/2019 Water Cool & Intact

Tamara Oldaker

Sample ID: MONITOR WELL #3 (H903722-03)

Project Location:

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	11/05/2019	ND	0.020	98.4	0.0200	0.744	
Toluene*	<0.001	0.001	11/05/2019	ND	0.017	84.5	0.0200	3.21	
Ethylbenzene*	<0.001	<0.001 0.001		ND	0.018	90.9	0.0200	3.11	
Total Xylenes*	<0.003 0.003		11/05/2019	ND	0.056	93.3	0.0600	1.61	
Total BTEX	<0.006 0.006		11/05/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	rrogate: 4-Bromofluorobenzene (PID 102								
Chloride, SM4500CI-B	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	236 4.00		11/01/2019	ND	104	104	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*	191	50.0	11/01/2019	ND	19.9	99.4	20.0	15.8	
TDS 160.1	mg/	L	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	900	5.00	11/05/2019	ND	495	93.9	527	1.68	

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Notes and Definitions

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC

batch were accepted based on percent recoveries and completeness of QC data.

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

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101 East Marland - Hobbs, NM 88240 Tel (575) 393-2326 Fay (575) 393-2476 Cardinal Laboratories, Inc.											CHAIN-OF-CUSTODY AND ANALYSIS REQUEST																								
Tel (575) 39 Fax (575) 39	3-2326 3-2476 Calul	па		a	D(JI	aı	U.		e:	,			•		LAB Order ID # ANALYSIS REQUEST																			
Company Name:	1967		BILL T									PO#				İ								-014				_							
RICE Operating Company RICE Operating Company												l																							
Project Manager: Address: (Street, City, Zip)										1					(C	ircle	e or	Spe	cify N	/leth	od N	No.)													
Katie Jones			122 W Taylor Street ~ Hobbs, New Mexico 88240													- [I	1	1		1			
Address: (S	Street, City, Zip)				Phor							Fax#:				1				\sim										- 1					
	eet ~ Hobbs, New Mexico 88240		(575	39	3-9	174						(575)	5)39	7-14	471					8													1		
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(575) 393-9 Project #:	Project Name:	(5/5	397-	14/	1				/	7								ဋ		60		1		1											
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Project Location: T22S R37E	Sec2 B ~ Lea County New Mex	tico		1	Sam	oler S	ignatu	TA	Roz	anne	Joh	inson	(575)6	31-9	310			[X] [환영]											onrs						
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HADADA		욛	Se					3				E)	T	T		2	2	902		As B	2	TCLP Semi Volatiles			GC/MS Vol. 8260B/624	8		Pesticides 8081A/608		=	ž		Total Dissolved Solids		ě
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