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April 1st, 2025

Michael Buchanan

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

RE: **2024 Annual Report**

Rice Operating Company

BD P-26-1 and BD P-26-2 (AP-97): UL P, Sec. 26, T21S, R37E

NMOCD Application ID: pEJH0829057285, Incident ID: nAPP2109639893

Sent by E-mail

Mr. Buchanan:

This letter summarizes progress made over the past calendar year pursuant to the NMOCD's approval email letter of August 1st, 2024, for this site (Appendix – Exhibit 1, Figures 1 & 2), which is operated by Rice Operating Company (ROC). The estimated depth to groundwater across these locations is approximately 45 +/- ft below ground surface and flows toward the southeast (Appendix, Figure 3 and Figure 4).

BD P-26-1

Groundwater chloride concentrations for BD P-26-1 are given in Figure 5 (average annual values), Table 1 (annual averages) and Table 3 (the complete dataset) in the Appendix.

Average annual groundwater chloride concentrations in the near-source monitor well (MW-1) rose slightly from 314 mg/l in 2023 to 362 mg/l in 2024. Groundwater chloride concentrations in the up-gradient monitor well (MW-2) were also essentially unchanged, measuring 223 mg/l in 2023 versus 218 mg/l in 2024. Groundwater chloride concentrations in the down-gradient monitor well (MW-3) were also little changed, measuring 236 mg/l in 2023 versus 243 mg/l in 2024. ROC ceased measuring groundwater BTEX concentrations in 2020, with NMOCD approval, since these have been below laboratory detection limits in all samples from all monitor wells from the beginning of sampling in 2007 through 2020. The

Rice Operating Company BD P-26-1&2 Annual Report

depth to groundwater at this location averaged approximately 47 ft bgs in the near-source monitor well (MW-1) during 2024.

BD P-26-2

Groundwater chloride concentrations for BD P-26-2 are given in Figure 6 (average annual values), Table 2 (annual averages) and Table 4 (the complete dataset) in the Appendix.

The average annual groundwater chloride concentration in the near-source monitor well (MW-1) dropped from 815 mg/l in 2023 to 673 mg/l in 2024. Average annual groundwater chloride concentrations in the down-gradient well (MW-2) dropped from 823 mg/l in 2023 to 778 mg/l in 2024. Average annual groundwater chloride concentrations in the far down-gradient monitor well, MW-3, dropped from 645 mg/l in 2023 to 600 mg/l in 2024. Sampling and analysis for groundwater BTEX ceased in 2020, as noted above. The depth to groundwater at this location averaged approximately 45 ft bgs in the near-source monitor well (MW-1) during 2024.

Summary and Path Forward

In the 2023 Annual Report approval from NMOCD, received on August 1st, 2024, NMOCD requested an update on the status of the pump-and-use groundwater restoration program. To date, groundwater recovery has not been conducted at this site. There has been significant improvement (decline) in groundwater chloride concentrations at both locations since this work began in 2007. Concentrations in the wells at the P-26-1 have decreased and trended towards 250 mg/l since installation, with concentration in the MW-2 and MW-3 remaining below 250 mg/l since 2018. Chloride concentrations observed at the P-26-2 have shown an overall decline since their installation as well.

ROC will also continue to monitor groundwater at BD P-26-1 and BD P-26-2 quarterly during 2025 and will evaluate the benefit of implementing a pump-and-use groundwater restoration program.

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

Rice Operating Company BD P-26-1&2 Annual Report

Please contact either Katie Davis at Rice Operating Company or me if you have any questions or need additional information. Thank you for your consideration.

Sincerely,



L. Peter Galusky, Jr. P.E.
NM Prof. Engineer No. 22561

Copy: Rice Operating Company
Attachments: ... as noted, above.

From: OCDOnline@state.nm.us
To: [Katie Jones](#)
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 327822
Date: Thursday, August 1, 2024 4:01:34 PM

To whom it may concern (c/o Katie Davis for RICE OPERATING COMPANY),

The OCD has approved the submitted *Ground Water Abatement* (GROUND WATER ABATEMENT), for incident ID (n#) nAPP2109639893, with the following conditions:

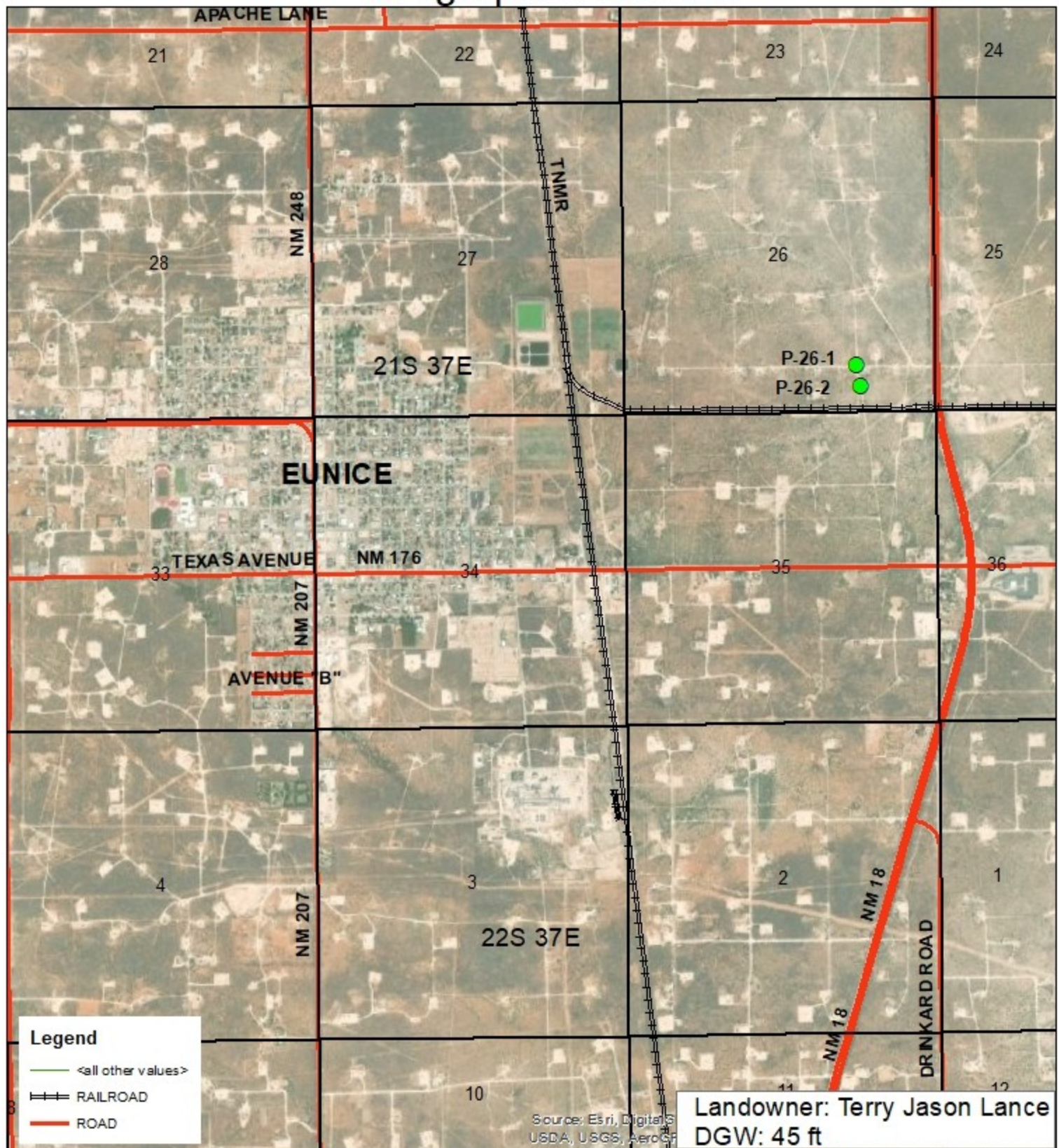
- **Review of the 2023 Annual Report for ROC, BD P-26-1, BD P-26-2 9AP-97): content satisfactory 1. As prescribed, please continue to conduct groundwater monitoring on a semi-annual basis, at a minimum 2. Please provide a section in the next annual report on the status of the pump-and-use groundwater restoration program and if it is practicable to utilize again going forward. 3. Provide the 2024 annual groundwater monitoring report to the OCD, electronically, by April 1, 2025.**

The signed GROUND WATER ABATEMENT can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Michael Buchanan
Environmental Specialist
505-490-0798
Michael.Buchanan@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505



BD P-26-1 & 2
AP-97

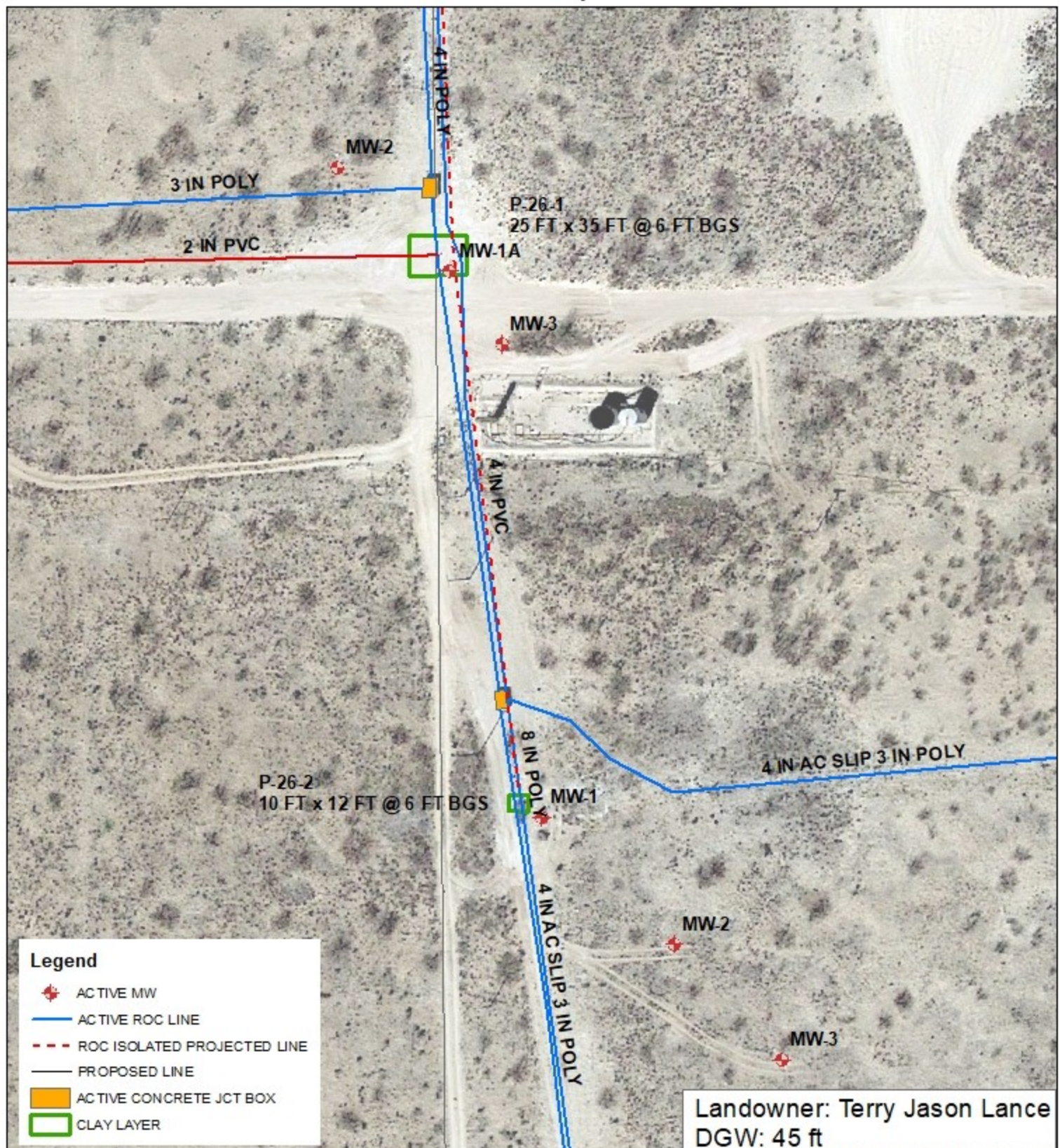
UL/P SECTION 26
T-21-S R-37-E
LEA COUNTY, NM

GPS: 32.444314 -103.129287
NAD83 STATE PLANE PROJ
NM EAST ZONE



0 2,000 4,000 Feet

Drawing date: 2/3/20
Drafted by: T. Grieco



BD P-26-1 & 2
AP-97

UL/P SECTION 26
T-21-S R-37-E
LEA COUNTY, NM

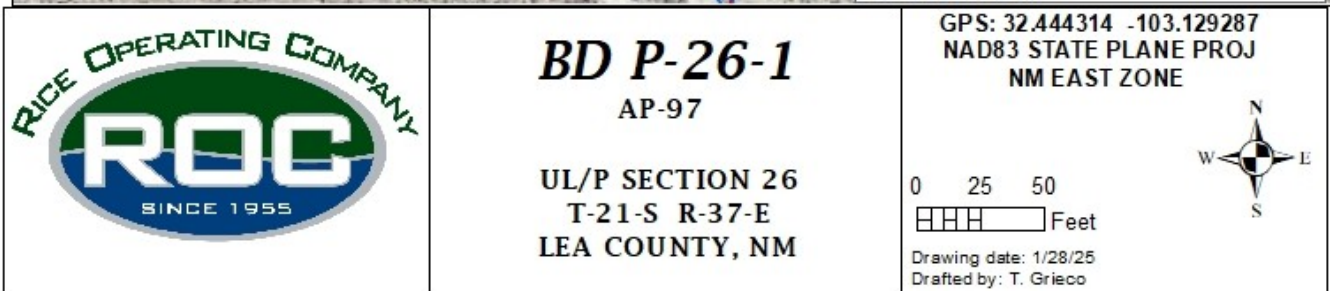
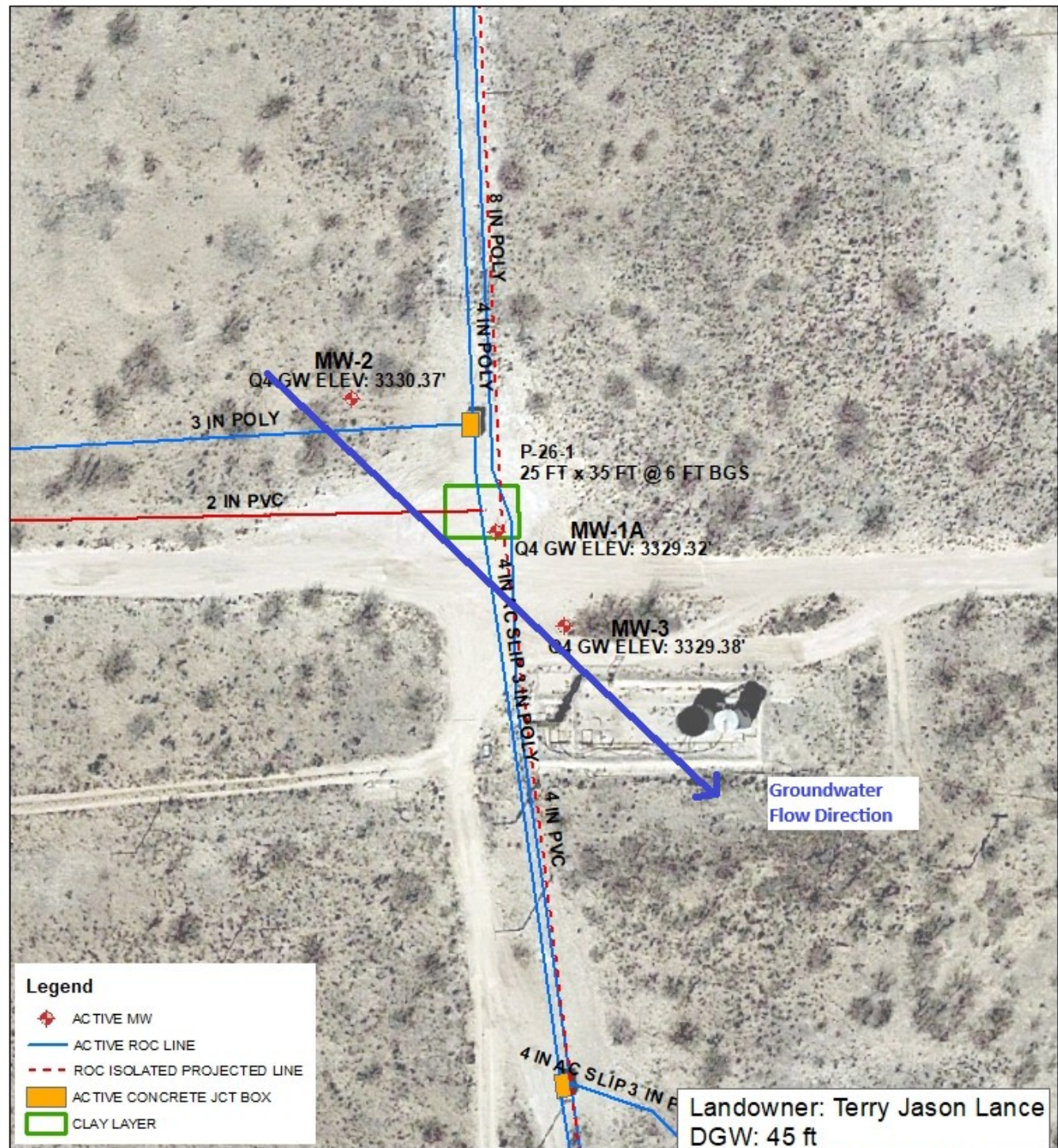
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NAD83 STATE PLANE PROJ
NM EAST ZONE

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Feet

Drawing date: 2/3/20
Drafted by: T. Grieco



Groundwater Elevation



Groundwater Elevation



BD P-26-2
AP-97

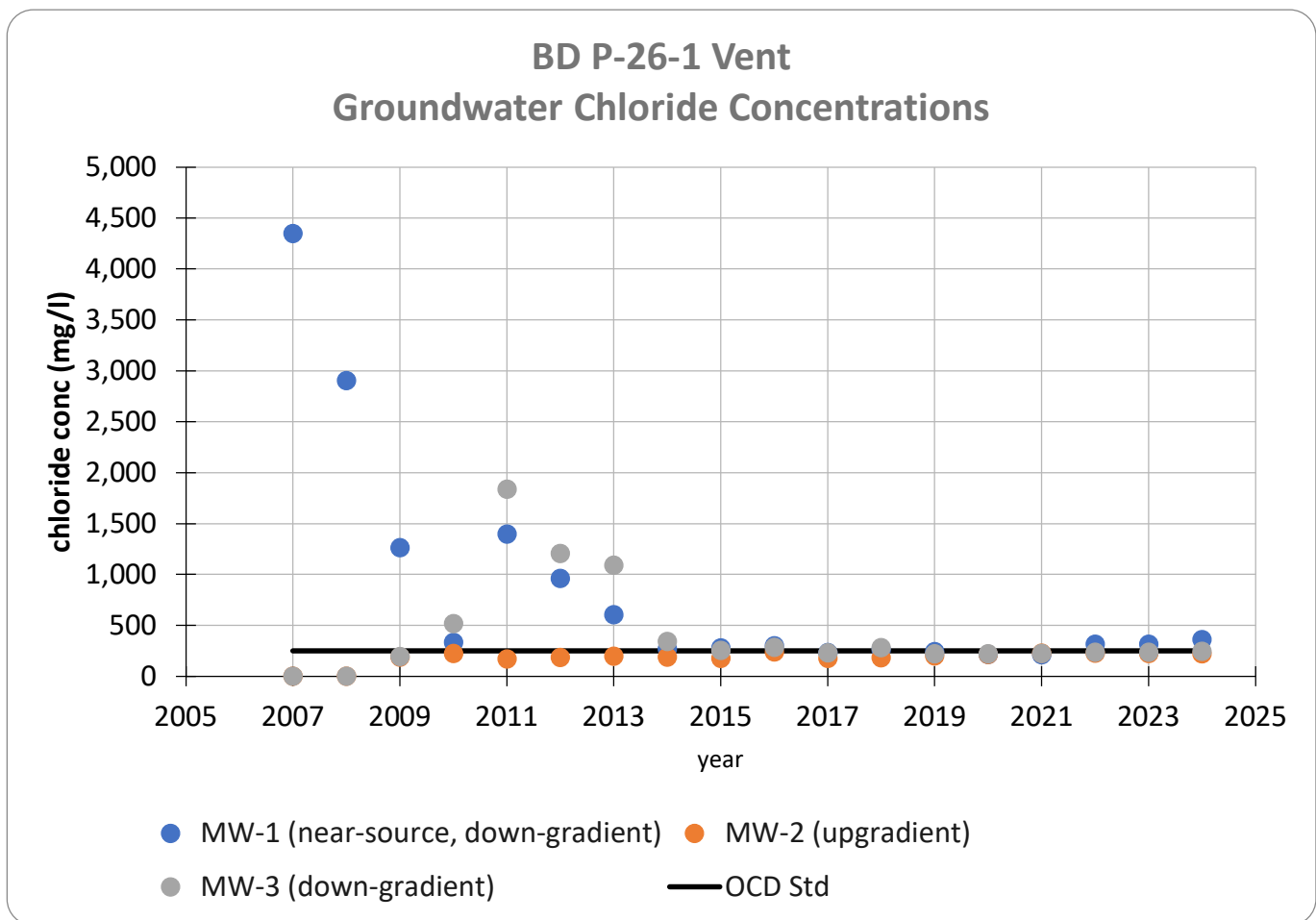
UL/P SECTION 26
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LEA COUNTY, NM

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NAD83 STATE PLANE PROJ
NM EAST ZONE

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Feet

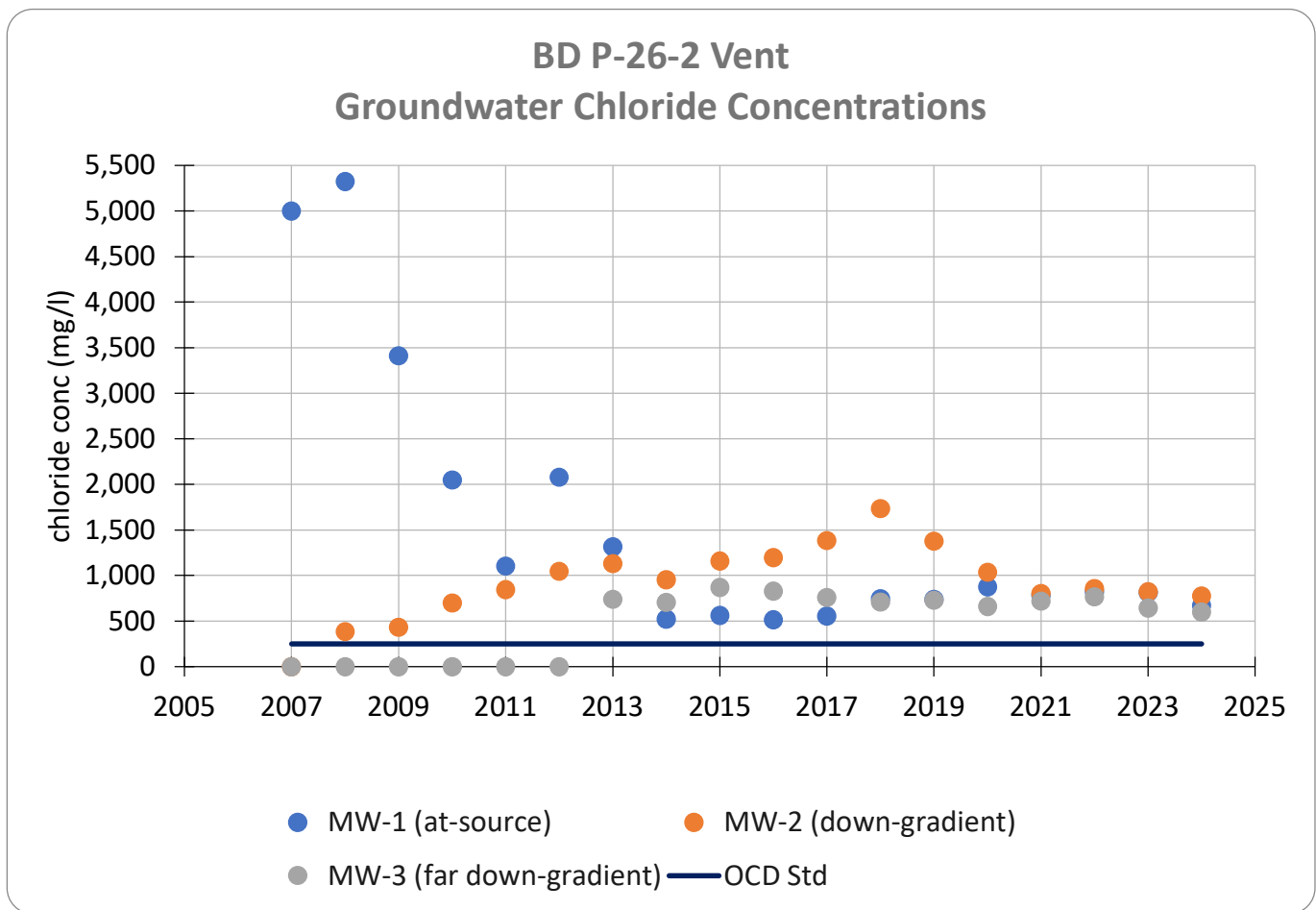
Drawing date: 1/28/25
Drafted by: T. Grieco





ROC - BD P-26-1 (AP-97)
Groundwater Chloride Concentrations
Annual Averages (mg/l)

year	MW-1 (near-source, down-gradient)	MW-2 (upgradient)	MW-3 (down-gradient)	OCD Std
2007	4,350			250
2008	2,905			250
2009	1,263	188	195	250
2010	332	221	517	250
2011	1,398	171	1,838	250
2012	960	185	1,205	250
2013	605	197	1,090	250
2014	268	190	341	250
2015	277	177	253	250
2016	298	238	283	250
2017	233	177	229	250
2018	258	182	281	250
2019	242	202	219	250
2020	212	212	218	250
2021	211	225	221	250
2022	315	224	234	250
2023	314	223	236	250
2024	362	218	243	250



ROC - BD P-26-2 (AP-97)
Groundwater Chloride Concentrations
Annual Averages (mg/l)

year	MW-1 (at-source)	MW-2 (down-gradient)	MW-3 (far down-gradient)	OCD Std
2007	5,000			250
2008	5,325	384		250
2009	3,413	431		250
2010	2,048	698		250
2011	1,105	845		250
2012	2,078	1,045		250
2013	1,315	1,133	740	250
2014	521	955	705	250
2015	562	1,160	868	250
2016	515	1,195	828	250
2017	554	1,383	760	250
2018	748	1,735	710	250
2019	740	1,378	728	250
2020	875	1,035	660	250
2021	783	805	720	250
2022	825	855	768	250
2023	815	823	645	250
2024	673	778	600	250

ROC - BD P-26-1 (AP-97)
Unit Letter P, Section 26, 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	50.37	58.60	1.3	6	11/12/2007	4,350	8,396	<0.002	<0.002	<0.002	<0.006	347	Clear No odor
1	49.80	58.65	1.4	6	1/14/2008	3,900	7,655	<0.001	<0.001	<0.001	<0.003	355	Clear No odor
1	50.00	58.65	1.4	6	4/4/2008	3,000	6,340	<0.001	<0.001	<0.001	<0.003	304	Sand to clear No odor
1	50.28	58.65	1.3	6	7/16/2008	2,160	4,930	<0.001	<0.001	<0.001	<0.003	299	Sand to clear No odor
1	50.89	58.65	1.2	6	10/6/2008	2,560	5,940	<0.001	<0.001	<0.001	<0.003	309	Sand to clear No odor
1	50.56	58.61	1.3	6	1/16/2009	2,160	4,300	<0.001	<0.001	<0.001	<0.003	310	Sand to clear No odor
1	50.48	58.61	1.3	6	4/15/2009	1,700	3,420	<0.001	<0.001	<0.001	<0.003	289	Sand to clear No odor
1	49.43	58.61	1.5	6	7/15/2009	650	1,740	<0.001	<0.001	<0.001	<0.003	233	Sand to clear No odor
1	49.13	58.61	1.5	6	10/9/2009	540	1,520	<0.001	<0.001	<0.001	<0.003	230	Sand to clear No odor
1	49.63	58.67	1.4	6	1/15/2010	560	1,400	<0.001	<0.001	<0.001	<0.003	216	Sand to clear No odor
1	50.15	58.67	1.4	6	4/13/2010	220	941	<0.001	<0.001	<0.001	<0.003	223	Sand to clear No odor
1	49.93	58.67	1.4	6	7/13/2010	316	1,120	<0.001	<0.001	<0.001	<0.003	205	Sand to clear No odor
1	48.57	58.67	1.6	6	10/8/2010	232	920	<0.001	<0.001	<0.001	<0.003	182	Sand to clear No odor
1	48.23	58.68	1.7	6	1/18/2011	1,640	3,880	<0.001	<0.001	<0.001	<0.003	348	Sand to clear No odor
1	48.12	58.68	1.7	6	4/14/2011	1,670	3,270	<0.001	<0.001	<0.001	<0.003	347	Sand to clear No odor
1	48.33	58.68	1.7	6	7/21/2011	1,300	2,740	<0.001	<0.001	<0.001	<0.003	279	Sand to clear No odor
1	48.58	58.68	1.6	6	10/17/2011	980	2,290	<0.001	<0.001	<0.001	<0.003	215	Sand to clear No odor
1	48.59	58.68	1.6	6	1/20/2012	1,040	2,280	<0.001	<0.001	<0.001	<0.003	243	Sand to clear No odor
1	48.63	58.68	1.6	6	4/19/2012	1,180	2,580	<0.001	<0.001	<0.001	<0.003	226	Sand to clear No odor
1	53.31	58.68	0.9	6	7/17/2012	920	1,900	<0.001	<0.001	<0.001	<0.003	152	Sand to clear No odor
1	51.89	58.68	1.1	6	10/15/2012	700	1,720	<0.001	<0.001	<0.001	<0.003	245	Sand to clear No odor
1	54.10	58.68	0.7	6	1/9/2013	920	1,960	<0.001	<0.001	<0.001	<0.003	165	Sand to clear No odor
1	53.98	58.68	0.8	6	4/22/2013	630	1,580	<0.001	<0.001	<0.001	<0.003	228	Sand to clear No odor
1	52.84	58.68	0.9	6	7/18/2013	590	1,610	<0.001	<0.001	<0.001	<0.003	183	Sand to clear No odor
1	54.23	58.68	0.7	6	10/18/2013	280	1,060	<0.001	<0.001	<0.001	<0.003	177	Sand to clear No odor
1	55.72	58.68	0.5	6	1/24/2014	392	1,260	<0.001	<0.001	<0.001	<0.003	184	Sand to clear No odor
1	56.54	58.68	0.3	6	4/8/2014	232	940	<0.001	<0.001	<0.001	<0.003	199	Sand to clear No odor

1	57.14	58.68	0.2	6	7/22/2014	244	980	<0.001	<0.001	<0.001	<0.003	196	Sand to clear No odor
1	52.63	58.68	1	3	10/24/2014	204	904	<0.001	<0.001	<0.001	<0.003	173	Sand to clear No odor
1	52.95	58.68	0.9	3	2/4/2015	235	1,010	<0.001	<0.001	<0.001	<0.003	103	Sand to clear No odor
1	54.25	58.68	0.7	3	4/22/2015	224	1,000	<0.001	<0.001	<0.001	<0.003	163	Sand to clear No odor
1	54.85	58.68	0.61	3	7/30/2015	224	1,010	<0.001	<0.001	<0.001	<0.003	139	Sand to clear No odor
1	53.45	58.68	0.84	3	10/23/2015	424	1,330	<0.001	<0.001	<0.001	<0.003	179	Sand to clear No odor
1	51.88	56.68	1.1	3	2/1/2016	292	1,120	<0.001	<0.001	<0.001	<0.003	201	Sand to clear No odor
1	52.63	56.68	1	3	4/25/2016	284	1,120	<0.001	<0.001	<0.001	<0.003	240	Sand to clear No odor
1	51.47	56.68	1.2	4	7/25/2016	284	1,140	<0.001	<0.001	<0.001	<0.003	218	Sand to clear No odor
1	51.77	56.68	1.1	4	10/31/2016	332	1,230	<0.001	<0.001	<0.001	<0.003	224	Sand to clear No odor
1	51.80	56.68	1.1	4	2/8/2017	176	898	<0.001	<0.001	<0.001	<0.003	194	Sand to clear No odor
1	51.16	56.68	1.2	4	4/13/2017	312	1,150	<0.001	<0.001	<0.001	<0.003	180	Sand to clear No odor
1	49.80	56.58	1.4	4	8/17/2017	228	1,070	<0.001	<0.001	<0.001	<0.003	188	Sand to clear No odor
1	49.74	56.58	1.4	4	10/26/2017	216	1,080	<0.001	<0.001	<0.001	<0.003	174	Sand to clear No odor
1	48.96	58.68	1.6	4	1/18/2018	228	736	<0.001	<0.001	<0.001	<0.003	189	Sand to clear No odor
1	48.61	58.68	1.6	4	4/30/2018	264	1,030	<0.001	<0.001	<0.001	<0.003	244	Sand to clear No odor
1	48.40	58.68	1.6	4	8/14/2018	280	1,080	<0.001	<0.001	<0.001	<0.003	210	Sand to clear No odor
1	48.32	58.68	1.7	4	11/1/2018	260	806	<0.001	<0.001	<0.001	<0.003	258	Sand to clear No odor
1	48.08	56.58	1.7	4	2/12/2019	220	1,060	<0.001	<0.001	<0.001	<0.003	244	Sand to clear No odor
1	47.96	56.58	1.7	4	4/26/2019	208	953	<0.001	<0.001	<0.001	<0.003	158	Sand to clear No odor
1	47.85	56.58	1.7	4	7/29/2019	296	1,080	<0.001	<0.001	<0.001	<0.003	175	Sand to clear No odor
1	47.88	56.58	1.7	4	10/28/2019	244	879	<0.001	<0.001	<0.001	<0.003	151	Sand to clear No odor
1	47.74	58.68	1.8	4	2/10/2020	200	1,000	<0.001	<0.001	<0.001	<0.003	185	Sand to clear No odor
1	47.57	58.68	1.8	4	8/13/2020	224	967	XXX	XXX	XXX	XXX	199	Sand to clear No odor
1	47.50	56.58	1.8	4	2/24/2021	184	889	XXX	XXX	XXX	XXX	214	Sand to clear No odor
1	47.42	56.58	1.8	6	5/13/2021	220	967	XXX	XXX	XXX	XXX	234	Sand to clear No odor
1	47.47	56.58	1.8	6	8/25/2021	216	1,010	XXX	XXX	XXX	XXX	238	Sand to clear No odor
1	47.56	56.58	1.8	6	10/25/2021	224	1,000	XXX	XXX	XXX	XXX	160	Sand to clear No odor
1	47.54	58.68	1.8	4	2/10/2022	308	1,130	XXX	XXX	XXX	XXX	212	Sand to clear No odor
1	47.52	58.68	1.8	4	5/2/2022	356	1,220	XXX	XXX	XXX	XXX	219	Sand to clear No odor
1	47.74	58.68	1.8	4	8/19/2022	304	1,190	XXX	XXX	XXX	XXX	185	Sand to clear No odor
1	47.89	58.68	1.7	4	10/31/2022	292	1,100	XXX	XXX	XXX	XXX	164	Sand to clear No odor
1	47.84	58.68	1.7	4	3/4/2023	228	905	XXX	XXX	XXX	XXX	170	Sand to clear No odor

1	47.69	58.68	1.8	4	5/8/2023	324	1,140	XXX	XXX	XXX	XXX	166	Sand to clear No odor
1	47.81	58.68	1.7	4	8/1/2023	360	1,270	XXX	XXX	XXX	XXX	253	Sand to clear No odor
1	47.85	58.68	1.7	4	10/9/2023	344	1,130	XXX	XXX	XXX	XXX	243	Sand to clear No odor
1	47.84	58.68	1.7	4	2/2/2024	392	1,280	XXX	XXX	XXX	XXX	204	Sand to clear No odor
1	47.90	58.68	1.7	4	5/14/2024	360	1,260	XXX	XXX	XXX	XXX	274	Sand to clear No odor
1	48.03	58.68	1.7	4	7/29/2024	348	1,270	XXX	XXX	XXX	XXX	270	Sand to clear No odor
1	48.22	58.68	1.7	4	10/15/2024	348	1,230	XXX	XXX	XXX	XXX	204	Sand to clear No odor

MW	Depth to Water	Total Depth	Well Volume	Volume Pumped	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Voluene	Sulfate	Comments
2	50.14	64.39	2.3	10	10/6/2008	184	933	<0.001	<0.001	<0.001	<0.003	216	Sand to clear No odor
2	49.72	64.87	2.4	10	1/16/2009	192	913	<0.001	<0.001	<0.001	<0.003	207	Sand to clear No odor
2	49.71	64.87	2.4	10	4/15/2009	188	932	<0.001	<0.001	<0.001	<0.003	186	Sand to clear No odor
2	48.62	65.03	2.6	10	7/15/2009	192	887	<0.001	<0.001	<0.001	<0.003	180	Sand to clear No odor
2	48.46	65.03	2.7	10	10/9/2009	180	895	<0.001	<0.001	<0.001	<0.003	182	Sand to clear No odor
2	48.62	65.08	2.6	10	1/15/2010	328	1,040	<0.001	<0.001	<0.001	<0.003	185	Sand to clear No odor
2	49.13	65.08	2.6	10	4/13/2010	192	896	<0.001	<0.001	<0.001	<0.003	210	Sand to clear No odor
2	48.97	65.08	2.6	10	7/13/2010	196	848	<0.001	<0.001	<0.001	<0.003	203	Sand to clear No odor
2	48.01	65.08	2.7	10	10/8/2010	168	888	<0.001	<0.001	<0.001	<0.003	167	Sand to clear No odor
2	47.68	65.10	2.8	10	1/18/2011	164	881	<0.001	<0.001	<0.001	<0.003	191	Sand to clear No odor
2	47.61	65.10	2.8	10	4/14/2011	168	867	<0.001	<0.001	<0.001	<0.003	189	Sand to clear No odor
2	47.76	65.10	2.8	10	7/21/2011	180	825	<0.001	<0.001	<0.001	<0.003	170	Sand to clear No odor
2	48.06	65.10	2.7	10	10/17/2011	172	813	<0.001	<0.001	<0.001	<0.003	136	Sand to clear No odor
2	48.08	65.10	2.7	10	1/20/2012	176	924	<0.001	<0.001	<0.001	<0.003	189	Sand to clear No odor
2	48.12	65.10	2.7	10	4/19/2012	168	868	<0.001	<0.001	<0.001	<0.003	187	Sand to clear No odor
2	52.33	65.10	2	10	7/17/2012	204	968	<0.001	<0.001	<0.001	<0.003	194	Sand to clear No odor
2	51.02	65.10	2.3	10	10/15/2012	192	937	<0.001	<0.001	<0.001	<0.003	220	Sand to clear No odor
2	53.14	65.10	1.9	10	1/9/2013	196	862	<0.001	<0.001	<0.001	<0.003	193	Sand to clear No odor
2	53.02	65.10	1.9	10	4/22/2013	196	894	<0.001	<0.001	<0.001	<0.003	186	Sand to clear No odor
2	52.09	65.10	2.1	10	7/18/2013	208	946	<0.001	<0.001	<0.001	<0.003	185	Sand to clear No odor
2	53.29	65.10	1.9	10	10/18/2013	188	878	<0.001	<0.001	<0.001	<0.003	160	Sand to clear No odor
2	54.61	65.10	1.7	10	1/24/2014	192	868	<0.001	<0.001	<0.001	<0.003	193	Sand to clear No odor
2	55.48	65.10	1.5	10	4/8/2014	204	878	<0.001	<0.001	<0.001	<0.003	180	Sand to clear No odor
2	56.04	65.10	1.4	10	7/22/2014	192	934	<0.001	<0.001	<0.001	<0.003	190	Sand to clear No odor
2	51.93	65.10	2.1	10	10/24/2014	172	882	<0.001	<0.001	<0.001	<0.003	165	Sand to clear No odor
2	52.13	65.10	2.1	10	2/4/2015	176	870	<0.001	<0.001	<0.001	<0.003	149	Sand to clear No odor
2	52.82	65.10	2	10	4/22/2015	188	938	<0.001	<0.001	<0.001	<0.003	129	Sand to clear No odor
2	53.33	65.10	1.88	10	7/30/2015	172	912	<0.001	<0.001	<0.001	<0.003	140	Sand to clear No odor
2	51.95	65.10	2.1	10	10/23/2015	172	884	<0.001	<0.001	<0.001	<0.003	152	Sand to clear No odor
2	51.27	65.10	2.2	10	2/1/2016	280	842	<0.001	<0.001	<0.001	<0.003	104	Sand to clear No odor
2	52.01	65.10	2.1	8	4/25/2016	208	904	<0.001	<0.001	<0.001	<0.003	166	Sand to clear No odor

2	51.11	65.10	2.2	8	7/25/2016	280	1,110	<0.001	<0.001	<0.001	<0.003	212	Sand to clear No odor
2	51.18	65.10	2.2	8	10/31/2016	184	878	<0.001	<0.001	<0.001	<0.003	211	Sand to clear No odor
2	51.30	65.10	2.2	8	2/8/2017	184	794	<0.001	<0.001	<0.001	<0.003	175	Sand to clear No odor
2	50.64	65.10	2.3	8	4/13/2017	180	850	<0.001	<0.001	<0.001	<0.003	195	Sand to clear No odor
2	49.27	65.10	2.5	8	8/17/2017	168	954	<0.001	<0.001	<0.001	<0.003	174	Sand to clear No odor
2	49.23	65.10	2.5	8	10/26/2017	176	882	<0.001	<0.001	<0.001	<0.003	173	Sand to clear No odor
2	48.38	65.10	2.7	8	1/18/2018	172	932	<0.001	<0.001	<0.001	<0.003	178	Sand to clear No odor
2	48.03	65.10	2.7	8	4/30/2018	180	840	<0.001	<0.001	<0.001	<0.003	224	Sand to clear No odor
2	47.84	65.10	2.8	8	8/14/2018	188	936	<0.001	<0.001	<0.001	<0.003	149	Sand to clear No odor
2	47.77	65.10	2.8	8	11/1/2018	188	1,000	<0.001	<0.001	<0.001	<0.003	179	Sand to clear No odor
2	47.58	65.10	2.8	8	2/12/2019	196	839	<0.001	<0.001	<0.001	<0.003	196	Sand to clear No odor
2	47.45	65.10	2.8	8	4/26/2019	192	944	<0.001	<0.001	<0.001	<0.003	178	Sand to clear No odor
2	47.35	65.10	2.8	8	7/29/2019	208	931	<0.001	<0.001	<0.001	<0.003	185	Sand to clear No odor
2	47.36	65.10	2.8	8	10/28/2019	212	949	<0.001	<0.001	<0.001	<0.003	166	Sand to clear No odor
2	47.22	65.10	2.9	8	2/10/2020	204	933	<0.001	<0.001	<0.001	<0.003	171	Sand to clear No odor
2	47.05	65.10	2.9	8	8/13/2020	220	1,000	XXX	XXX	XXX	XXX	165	Sand to clear No odor
2	46.99	65.10	2.9	8	2/24/2021	200	689	XXX	XXX	XXX	XXX	196	Sand to clear No odor
2	46.92	65.10	2.9	9	5/13/2021	228	991	XXX	XXX	XXX	XXX	219	Sand to clear No odor
2	46.96	65.10	2.9	9	8/25/2021	244	995	XXX	XXX	XXX	XXX	244	Sand to clear No odor
2	47.05	65.10	2.9	9	10/25/2021	228	1,020	XXX	XXX	XXX	XXX	176	Sand to clear No odor
2	47.03	65.10	2.9	8	2/10/2022	220	941	XXX	XXX	XXX	XXX	174	Sand to clear No odor
2	47.02	65.10	2.9	8	5/2/2022	228	1,010	XXX	XXX	XXX	XXX	174	Sand to clear No odor
2	47.23	65.10	2.9	8	8/19/2022	228	1,030	XXX	XXX	XXX	XXX	160	Sand to clear No odor
2	47.38	65.10	2.8	8	10/31/2022	220	973	XXX	XXX	XXX	XXX	178	Sand to clear No odor
2	47.33	65.10	2.8	8	3/4/2023	228	922	XXX	XXX	XXX	XXX	186	Sand to clear No odor
2	47.29	65.10	2.8	8	5/8/2023	204	911	XXX	XXX	XXX	XXX	179	Sand to clear No odor
2	47.29	65.10	2.8	8	8/1/2023	220	934	XXX	XXX	XXX	XXX	169	Sand to clear No odor
2	47.32	65.10	2.8	8	10/9/2023	240	884	XXX	XXX	XXX	XXX	142	Sand to clear No odor
2	47.38	65.10	2.8	8	2/2/2024	184	808	XXX	XXX	XXX	XXX	126	Sand to clear No odor
2	47.41	65.10	2.8	8	5/14/2024	240	1,010	XXX	XXX	XXX	XXX	206	Sand to clear No odor
2	47.53	65.10	2.8	8	7/29/2024	220	952	XXX	XXX	XXX	XXX	200	Sand to clear No odor
2	47.73	65.10	2.8	8	10/15/2024	228	985	XXX	XXX	XXX	XXX	147	Sand to clear No odor

MW	Depth to Water	Total Depth	Well Volume	Volume Pumped	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Volume	Sulfate	Comments
3	49.31	64.59	2.4	10	4/15/2009	204	924	<0.001	<0.001	<0.001	<0.003	190	Sand to clear No odor
3	48.06	64.49	2.6	10	7/15/2009	176	895	<0.001	<0.001	<0.001	<0.003	169	Sand to clear No odor
3	48.02	64.49	2.6	10	10/9/2009	204	930	<0.001	<0.001	<0.001	<0.003	169	Sand to clear No odor
3	48.36	64.46	2.6	10	1/15/2010	328	1,150	<0.001	<0.001	<0.001	<0.003	176	Sand to clear No odor
3	49.12	64.46	2.5	10	4/13/2010	460	1,290	<0.001	<0.001	<0.001	<0.003	197	Sand to clear No odor
3	48.91	64.46	2.5	10	7/13/2010	450	1,170	<0.001	<0.001	<0.001	<0.003	189	Sand to clear No odor
3	47.22	64.46	2.8	10	10/8/2010	830	1,840	<0.001	<0.001	<0.001	<0.003	142	Sand to clear No odor
3	46.90	64.63	2.8	10	1/18/2011	1,800	3,670	<0.001	<0.001	<0.001	<0.003	259	Sand to clear No odor
3	46.77	64.63	2.9	10	4/14/2011	2,450	4,430	<0.001	<0.001	<0.001	<0.003	329	Sand to clear No odor
3	46.96	64.63	2.8	10	7/21/2011	1,860	3,700	<0.001	<0.001	<0.001	<0.003	323	Sand to clear No odor
3	47.26	64.63	2.8	10	10/17/2011	1,240	2,870	<0.001	<0.001	<0.001	<0.003	252	Sand to clear No odor
3	47.21	64.63	2.8	10	1/20/2012	1,040	2,600	<0.001	<0.001	<0.001	<0.003	322	Sand to clear No odor
3	47.31	64.63	2.8	10	4/19/2012	920	2,340	<0.001	<0.001	<0.001	<0.003	268	Sand to clear No odor
3	52.36	64.63	2	10	7/17/2012	1,950	3,760	<0.001	<0.001	<0.001	<0.003	297	Sand to clear No odor
3	50.53	64.63	2.3	10	10/15/2012	910	2,100	<0.001	<0.001	<0.001	<0.003	234	Sand to clear No odor
3	52.98	64.63	1.9	10	1/9/2013	2,020	3,800	<0.001	<0.001	<0.001	<0.003	323	Sand to clear No odor
3	53.04	64.63	1.9	10	4/22/2013	1,240	2,620	<0.001	<0.001	<0.001	<0.003	286	Sand to clear No odor
3	51.82	64.63	2	10	7/18/2013	500	1,440	<0.001	<0.001	<0.001	<0.003	199	Sand to clear No odor
3	53.16	64.63	1.8	10	10/18/2013	600	1,640	<0.001	<0.001	<0.001	<0.003	234	Sand to clear No odor
3	54.68	64.63	1.6	10	1/24/2014	390	854	<0.001	<0.001	<0.001	<0.003	196	Sand to clear No odor
3	55.62	64.63	1.4	10	4/8/2014	390	1,220	<0.001	<0.001	<0.001	<0.003	238	Sand to clear No odor
3	56.18	64.63	1.4	10	7/22/2014	380	1,270	<0.001	<0.001	<0.001	<0.003	225	Sand to clear No odor
3	51.36	64.63	2.1	10	10/24/2014	204	968	<0.001	<0.001	<0.001	<0.003	189	Sand to clear No odor
3	51.41	64.63	2.1	10	2/4/2015	304	1,120	<0.001	<0.001	<0.001	<0.003	195	Sand to clear No odor
3	52.77	64.63	1.9	10	4/22/2015	236	1,030	<0.001	<0.001	<0.001	<0.003	151	Sand to clear No odor
3	53.28	64.63	1.82	10	7/30/2015	212	950	<0.001	<0.001	<0.001	<0.003	128	Sand to clear No odor
3	51.89	64.63	2.04	10	10/23/2015	260	1,280	<0.001	<0.001	<0.001	<0.003	227	Sand to clear No odor
3	50.53	64.63	2.3	10	2/1/2016	264	1,130	<0.001	<0.001	<0.001	<0.003	163	Sand to clear No odor
3	51.28	64.63	2.1	8	4/25/2016	280	944	<0.001	<0.001	<0.001	<0.003	193	Sand to clear No odor
3	50.13	64.63	2.3	8	7/25/2016	268	1,130	<0.001	<0.001	<0.001	<0.003	209	Sand to clear No odor
3	50.43	64.63	2.3	8	10/31/2016	320	1,140	<0.001	<0.001	<0.001	<0.003	271	Sand to clear No odor

3	50.31	64.63	2.3	8	2/8/2017	284	914	<0.001	<0.001	<0.001	<0.003	214	Sand to clear No odor
3	48.52	64.63	2.4	8	4/13/2017	188	906	<0.001	<0.001	<0.001	<0.003	190	Sand to clear No odor
3	48.52	64.63	2.4	8	8/17/2017	220	1,090	<0.001	<0.001	<0.001	<0.003	199	Sand to clear No odor
3	48.47	64.63	2.4	8	10/26/2017	224	1,060	<0.001	<0.001	<0.001	<0.003	220	Sand to clear No odor
3	47.58	64.63	2.7	8	1/18/2018	212	1,140	<0.001	<0.001	<0.001	<0.003	202	Sand to clear No odor
3	47.20	64.63	2.8	8	4/30/2018	280	1,080	<0.001	<0.001	<0.001	<0.003	276	Sand to clear No odor
3	46.99	64.63	2.8	8	8/14/2018	344	1,420	<0.001	<0.001	<0.001	<0.003	240	Sand to clear No odor
3	46.93	64.63	2.8	8	11/1/2018	288	1,250	<0.001	<0.001	<0.001	<0.003	237	Sand to clear No odor
3	46.74	64.63	2.9	8	2/12/2019	228	977	<0.001	<0.001	<0.001	<0.003	247	Sand to clear No odor
3	46.62	64.43	2.9	8	4/26/2019	220	977	<0.001	<0.001	<0.001	<0.003	247	Sand to clear No odor
3	46.51	64.43	2.9	8	7/29/2019	212	931	<0.001	<0.001	<0.001	<0.003	142	Sand to clear No odor
3	46.55	64.43	2.9	8	10/28/2019	216	1,080	<0.001	<0.001	<0.001	<0.003	198	Sand to clear No odor
3	46.38	64.63	2.9	8	2/10/2020	216	964	<0.001	<0.001	<0.001	<0.003	205	Sand to clear No odor
3	46.20	64.63	2.9	8	8/13/2020	220	1,020	XXX	XXX	XXX	XXX	167	Sand to clear No odor
3	46.14	64.43	3	8	2/24/2021	212	782	XXX	XXX	XXX	XXX	236	Sand to clear No odor
3	46.06	64.43	3	9	5/13/2021	220	998	XXX	XXX	XXX	XXX	196	Sand to clear No odor
3	46.12	64.43	3	9	8/25/2021	228	978	XXX	XXX	XXX	XXX	227	Sand to clear No odor
3	46.22	64.43	2.9	9	10/25/2021	224	991	XXX	XXX	XXX	XXX	177	Sand to clear No odor
3	46.20	64.63	2.9	8	2/10/2022	232	982	XXX	XXX	XXX	XXX	169	Sand to clear No odor
3	46.18	64.63	3	8	5/2/2022	236	1,020	XXX	XXX	XXX	XXX	169	Sand to clear No odor
3	46.40	64.63	2.9	8	8/19/2022	236	1,010	XXX	XXX	XXX	XXX	165	Sand to clear No odor
3	46.54	64.63	2.9	8	10/31/2022	232	969	XXX	XXX	XXX	XXX	158	Sand to clear No odor
3	46.45	64.63	2.9	8	3/4/2023	224	933	XXX	XXX	XXX	XXX	185	Sand to clear No odor
3	46.31	64.63	2.9	8	5/8/2023	224	985	XXX	XXX	XXX	XXX	170	Sand to clear No odor
3	46.48	64.63	2.9	8	8/1/2023	220	918	XXX	XXX	XXX	XXX	150	Sand to clear No odor
3	46.46	64.63	2.9	8	10/9/2023	276	912	XXX	XXX	XXX	XXX	181	Sand to clear No odor
3	46.40	64.63	2.9	8	2/2/2024	232	980	XXX	XXX	XXX	XXX	168	Sand to clear No odor
3	46.45	64.63	2.9	8	5/14/2024	212	963	XXX	XXX	XXX	XXX	185	Sand to clear No odor
3	46.65	64.63	2.9	8	7/29/2024	256	1,020	XXX	XXX	XXX	XXX	210	Sand to clear No odor
3	46.88	64.63	2.8	8	10/15/2024	272	1,080	XXX	XXX	XXX	XXX	135	Sand to clear No odor

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Unit Letter P, Section 26, T21S, R37E

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	CI	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	47.84	59.43	1.9	6	11/12/2007	5,000	9,415	<0.002	<0.002	<0.002	<0.006	430	Clear No odor
1	47.39	59.45	1.9	8	1/14/2008	5,100	9,453	<0.001	<0.001	<0.001	<0.003	469	Clear No odor
1	47.45	59.45	1.9	8	4/4/2008	5,300	10,100	<0.001	<0.001	<0.001	<0.003	437	Sand to clear No odor
1	48.07	59.45	1.8	8	7/16/2008	5,300	9,870	<0.001	<0.001	<0.001	<0.003	448	Sand to clear No odor
1	48.35	59.45	1.8	8	10/6/2008	5,600	10,700	<0.001	<0.001	<0.001	<0.003	473	Sand to clear No odor
1	48.76	59.43	1.7	8	1/16/2009	4,000	7,680	<0.001	<0.001	<0.001	<0.003	497	Sand to clear No odor
1	47.94	59.43	1.8	6	4/15/2009	4,500	8,190	<0.001	<0.001	<0.001	<0.003	462	Sand to clear No odor
1	47.23	59.43	2	6	7/15/2009	3,050	6,000	<0.001	<0.001	<0.001	<0.003	403	Sand to clear No odor
1	46.92	59.43	2	6	10/9/2009	2,100	4,360	<0.001	<0.001	<0.001	<0.003	516	Sand to clear No odor
1	47.18	59.45	2	6	1/15/2010	2,120	4,600	<0.001	<0.001	<0.001	<0.003	410	Sand to clear No odor
1	47.42	59.45	1.9	6	4/13/2010	2,850	5,530	<0.001	<0.001	<0.001	<0.003	489	Sand to clear No odor
1	47.25	59.45	2	6	7/13/2010	2,300	4,750	<0.001	<0.001	<0.001	<0.003	453	Sand to clear No odor
1	46.5	59.45	2.1	6	10/8/2010	920	2,540	<0.001	<0.001	<0.001	<0.003	437	Sand to clear No odor
1	46.15	59.45	2.1	6	1/18/2011	820	2,140	<0.001	<0.001	<0.001	<0.003	319	Sand to clear No odor
1	46.03	59.45	2.1	6	4/14/2011	800	2,100	<0.001	<0.001	<0.001	<0.003	356	Sand to clear No odor
1	46.19	59.45	2.1	6	7/19/2011	1,320	2,760	<0.001	<0.001	<0.001	<0.003	327	Sand to clear No odor
1	46.51	59.45	2.1	6	10/17/2011	1,480	3,260	<0.001	<0.001	<0.001	<0.003	281	Sand to clear No odor
1	46.49	59.45	2.1	6	1/20/2012	2,370	4,630	<0.001	<0.001	<0.001	<0.003	392	Sand to clear No odor
1	46.53	59.45	2.1	6	4/19/2012	2,100	4,190	<0.001	<0.001	<0.001	<0.003	384	Sand to clear No odor
1	51.57	59.45	1.3	6	7/17/2012	2,220	3,810	<0.001	<0.001	<0.001	<0.003	376	Sand to clear No odor
1	49.56	59.45	1.6	6	10/15/2012	1,620	3,480	<0.001	<0.001	<0.001	<0.003	427	Sand to clear No odor
1	51.04	59.45	1.3	6	1/9/2013	1,780	4,100	<0.001	<0.001	<0.001	<0.003	370	Sand to clear No odor
1	52.03	59.45	1.2	6	4/22/2013	1,900	3,800	<0.001	<0.001	<0.001	<0.003	368	Sand to clear No odor
1	51.04	59.45	1.3	6	7/18/2013	840	2,190	<0.001	<0.001	<0.001	<0.003	284	Sand to clear No odor
1	52.31	59.45	1.1	6	10/18/2013	740	2,110	<0.001	<0.001	<0.001	<0.003	312	Sand to clear No odor
1	53.98	59.45	0.9	6	1/24/2014	600	1,760	<0.001	<0.001	<0.001	<0.003	284	Sand to clear No odor
1	54.91	59.45	0.7	6	4/8/2014	620	1,710	<0.001	<0.001	<0.001	<0.003	276	Sand to clear No odor

1	55.52	59.45	0.6	6	7/22/2014	490	1,570	<0.001	<0.001	<0.001	<0.003	307	Sand to clear No odor
1	50.6	59.45	1.4	6	10/24/2014	372	1,260	<0.001	<0.001	<0.001	<0.003	188	Sand to clear No odor
1	50.94	59.45	1.4	6	2/4/2015	460	1,560	<0.001	<0.001	<0.001	<0.003	270	Sand to clear No odor
1	51.13	59.45	1.3	6	4/22/2015	540	1,640	<0.001	<0.001	<0.001	<0.003	245	Sand to clear No odor
1	52.18	59.45	1.16	6	7/30/2015	749	2,140	<0.001	<0.001	<0.001	<0.003	252	Sand to clear No odor
1	50.98	59.45	1.36	6	10/23/2015	500	1,600	<0.001	<0.001	<0.001	<0.003	192	Sand to clear No odor
1	50.11	59.45	1.5	6	2/1/2016	384	1,390	<0.001	<0.001	<0.001	<0.003	199	Sand to clear No odor
1	51.15	59.45	1.3	6	4/25/2016	560	1,500	<0.001	<0.001	<0.001	<0.003	250	Sand to clear No odor
1	49.68	59.45	1.6	6	7/25/2016	396	1,410	<0.001	<0.001	<0.001	<0.003	226	Sand to clear No odor
1	50.14	59.45	1.5	6	10/31/2016	720	2,120	<0.001	<0.001	<0.001	<0.003	360	Sand to clear No odor
1	49.29	59.45	1.6	6	2/8/2017	700	1,880	<0.001	<0.001	<0.001	<0.003	240	Sand to clear No odor
1	48.86	59.45	1.7	6	4/13/2017	790	1,900	<0.001	<0.001	<0.001	<0.003	256	Sand to clear No odor
1	47.88	59.45	1.9	6	8/17/2017	356	1,300	<0.001	<0.001	<0.001	<0.003	229	Sand to clear No odor
1	47.82	59.45	1.9	6	10/26/2017	368	1,400	<0.001	<0.001	<0.001	<0.003	204	Sand to clear No odor
1	46.79	59.45	2	6	1/18/2018	740	1,370	<0.001	<0.001	<0.001	<0.003	245	Sand to clear No odor
1	46.39	59.45	2.1	8	4/30/2018	710	1,590	<0.001	<0.001	<0.001	<0.003	250	Sand to clear No odor
1	46.28	59.45	2.1	8	8/14/2018	730	1,760	<0.001	<0.001	<0.001	<0.003	211	Sand to clear No odor
1	46.15	59.45	2.1	8	11/1/2018	810	1,770	<0.001	<0.001	<0.001	<0.003	264	Sand to clear No odor
1	45.91	59.45	2.2	8	2/12/2019	760	1,650	<0.001	<0.001	<0.001	<0.003	273	Sand to clear No odor
1	45.74	59.45	2.2	8	4/26/2019	710	1,700	<0.001	<0.001	<0.001	<0.003	230	Sand to clear No odor
1	46.67	59.45	2.2	8	7/29/2019	730	1,870	<0.001	<0.001	<0.001	<0.003	230	Sand to clear No odor
1	45.78	59.45	2.2	8	10/28/2019	760	1,860	<0.001	<0.001	<0.001	<0.003	224	Sand to clear No odor
1	45.56	59.45	2.2	6	2/10/2020	890	2,110	<0.001	<0.001	<0.001	<0.003	307	Sand to clear No odor
1	45.43	59.45	2.2	6	8/13/2020	860	2,250	XXX	XXX	XXX	XXX	322	Sand to clear No odor
1	45.29	59.45	2.3	8	2/24/2021	720	1,840	XXX	XXX	XXX	XXX	440	Sand to clear No odor
1	45.25	59.45	2.3	8	5/13/2021	770	2,230	XXX	XXX	XXX	XXX	442	Sand to clear No odor
1	45.33	59.45	2.3	8	8/25/2021	800	2,340	XXX	XXX	XXX	XXX	569	Sand to clear No odor
1	45.05	59.45	2.3	8	10/25/2021	840	2,360	XXX	XXX	XXX	XXX	405	Sand to clear No odor
1	45.01	59.45	2.3	6	2/10/2022	820	2,380	XXX	XXX	XXX	XXX	468	Sand to clear No odor
1	45	59.45	2.3	6	5/2/2022	820	2,260	XXX	XXX	XXX	XXX	438	Sand to clear No odor
1	45.22	59.45	2.3	6	8/19/2022	860	2,250	XXX	XXX	XXX	XXX	399	Sand to clear No odor
1	45.3	59.45	2.3	6	10/31/2022	800	2,040	XXX	XXX	XXX	XXX	364	Sand to clear No odor
1	45.04	59.45	2.3	8	3/4/2023	760	1,760	XXX	XXX	XXX	XXX	268	Sand to clear No odor

1	44.9	59.45	2.3	6	5/8/2023	1,000	2,230	XXX	XXX	XXX	XXX	237	Sand to clear No odor
1	45.02	59.45	2.3	8	8/1/2023	750	1,880	XXX	XXX	XXX	XXX	242	Sand to clear No odor
1	45.06	59.45	2.3	8	10/9/2023	750	1,550	XXX	XXX	XXX	XXX	163	Sand to clear No odor
1	45.07	59.45	2.3	8	2/2/2024	740	2,280	XXX	XXX	XXX	XXX	509	Sand to clear No odor
1	45.2	59.45	2.3	6	5/14/2024	670	1,840	XXX	XXX	XXX	XXX	328	Sand to clear No odor
1	45.28	59.45	2.3	8	7/29/2024	660	1,700	XXX	XXX	XXX	XXX	334	Sand to clear No odor
1	45.14	59.45	2.3	8	10/15/2024	620	1,730	XXX	XXX	XXX	XXX	214	Sand to clear No odor

MW	Depth to Water	Total Depth	Well Volume	Volume Pumped	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Volume	Sulfate	Comments
2	47.38	59.92	2	10	10/6/2008	384	1,350	<0.001	<0.001	<0.001	<0.003	289	Sand to clear No odor
2	47.83	60.39	2	10	1/16/2009	400	1,360	<0.001	<0.001	<0.001	<0.003	262	Sand to clear No odor
2	46.99	60.39	2.1	10	4/15/2009	412	1,370	<0.001	<0.001	<0.001	<0.003	259	Sand to clear No odor
2	46.47	60.39	2.2	10	7/15/2009	432	1,420	<0.001	<0.001	<0.001	<0.003	268	Sand to clear No odor
2	46.11	60.39	2.3	10	10/9/2009	480	1,470	<0.001	<0.001	<0.001	<0.003	237	Sand to clear No odor
2	46.35	60.52	2.3	10	1/15/2010	590	1,660	<0.001	<0.001	<0.001	<0.003	215	Sand to clear No odor
2	46.52	60.52	2.2	10	4/13/2010	690	1,720	<0.001	<0.001	<0.001	<0.003	261	Sand to clear No odor
2	46.37	60.52	2.3	10	7/13/2010	820	1,940	<0.001	<0.001	<0.001	<0.003	255	Sand to clear No odor
2	45.76	60.52	2.4	10	10/8/2010	690	1,760	<0.001	<0.001	<0.001	<0.003	246	Sand to clear No odor
2	45.42	60.54	2.4	10	1/18/2011	900	2,400	<0.001	<0.001	<0.001	<0.003	361	Sand to clear No odor
2	45.29	60.54	2.4	10	4/14/2011	890	2,010	<0.001	<0.001	<0.001	<0.003	319	Sand to clear No odor
2	45.46	60.54	2.4	10	7/19/2011	810	1,900	<0.001	<0.001	<0.001	<0.003	283	Sand to clear No odor
2	45.78	60.54	2.4	10	10/17/2011	780	1,950	<0.001	<0.001	<0.001	<0.003	237	Sand to clear No odor
2	45.74	60.54	2.4	10	1/20/2012	830	1,950	<0.001	<0.001	<0.001	<0.003	323	Sand to clear No odor
2	45.78	60.54	2.4	10	4/19/2012	870	2,100	<0.001	<0.001	<0.001	<0.003	363	Sand to clear No odor
2	50.67	60.54	1.6	10	7/17/2012	1,340	2,870	<0.001	<0.001	<0.001	<0.003	278	Sand to clear No odor
2	48.64	60.54	1.9	10	10/15/2012	1,140	2,470	<0.001	<0.001	<0.001	<0.003	373	Sand to clear No odor
2	49.78	60.54	1.7	10	1/9/2013	1,090	2,410	<0.001	<0.001	<0.001	<0.003	298	Sand to clear No odor
2	51.11	60.54	1.5	10	4/22/2013	1,340	2,700	<0.001	<0.001	<0.001	<0.003	284	Sand to clear No odor
2	50.24	60.54	1.6	10	7/18/2013	980	2,400	<0.001	<0.001	<0.001	<0.003	222	Sand to clear No odor
2	51.45	60.54	1.5	10	10/18/2013	1,120	2,560	<0.001	<0.001	<0.001	<0.003	304	Sand to clear No odor
2	52.98	60.54	1.2	10	1/24/2014	1,000	2,580	<0.001	<0.001	<0.001	<0.003	251	Sand to clear No odor
2	53.92	60.54	1.1	10	4/8/2014	1,160	2,510	<0.001	<0.001	<0.001	<0.003	229	Sand to clear No odor
2	54.57	60.54	1	10	7/22/2014	970	2,390	<0.001	<0.001	<0.001	<0.003	245	Sand to clear No odor
2	49.96	60.54	1.7	10	10/24/2014	690	1,890	<0.001	<0.001	<0.001	<0.003	196	Sand to clear No odor
2	50.17	60.54	1.7	10	2/4/2015	1,140	2,510	<0.001	<0.001	<0.001	<0.003	285	Sand to clear No odor
2	51.08	60.54	1.5	10	4/22/2015	1,300	2,810	<0.001	<0.001	<0.001	<0.003	296	Sand to clear No odor
2	51.41	60.54	1.46	10	7/30/2015	980	2,770	<0.001	<0.001	<0.001	<0.003	162	Sand to clear No odor
2	50.28	60.54	1.64	10	10/23/2015	1,220	2,680	<0.001	<0.001	<0.001	<0.003	205	Sand to clear No odor
2	49.43	60.54	1.8	10	2/1/2016	1,260	2,900	<0.001	<0.001	<0.001	<0.003	258	Sand to clear No odor
2	50.46	60.54	1.6	10	4/25/2016	1,100	2,350	<0.001	<0.001	<0.001	<0.003	288	Sand to clear No odor

2	48.95	60.54	1.9	10	7/25/2016	1,160	2,520	<0.001	<0.001	<0.001	<0.003	276	Sand to clear No odor
2	49.41	60.54	1.8	10	10/31/2016	1,260	2,400	<0.001	<0.001	<0.001	<0.003	304	Sand to clear No odor
2	48.33	60.54	2	10	2/8/2017	1,020	2,510	<0.001	<0.001	<0.001	<0.003	291	Sand to clear No odor
2	47.89	60.54	2	10	4/13/2017	1,340	2,710	<0.001	<0.001	<0.001	<0.003	294	Sand to clear No odor
2	47.17	60.54	2	10	8/17/2017	1,570	3,160	<0.001	<0.001	<0.001	<0.003	260	Sand to clear No odor
2	47.14	60.54	2	10	10/26/2017	1,600	3,430	<0.001	<0.001	<0.001	<0.003	272	Sand to clear No odor
2	46.03	60.54	2.3	8	1/18/2018	1,700	3,310	<0.001	<0.001	<0.001	<0.003	351	Sand to clear No odor
2	45.58	60.54	2.4	8	4/30/2018	1,580	3,360	<0.001	<0.001	<0.001	<0.003	395	Sand to clear No odor
2	45.48	60.54	2.4	8	8/14/2018	1,580	3,040	<0.001	<0.001	<0.001	<0.003	276	Sand to clear No odor
2	45.38	60.54	2.4	8	11/1/2018	2,080	3,170	<0.001	<0.001	<0.001	<0.003	302	Sand to clear No odor
2	45.18	60.54	2.5	8	2/12/2019	1,540	3,030	<0.001	<0.001	<0.001	<0.003	365	Sand to clear No odor
2	45.05	60.54	2.5	8	4/26/2019	1,580	3,080	<0.001	<0.001	<0.001	<0.003	351	Sand to clear No odor
2	44.98	60.54	2.5	8	7/29/2019	1,220	2,840	<0.001	<0.001	<0.001	<0.003	317	Sand to clear No odor
2	45.03	60.54	2.8	8	10/28/2019	1,170	2,660	<0.001	<0.001	<0.001	<0.003	324	Sand to clear No odor
2	44.86	60.54	2.5	8	2/10/2020	1,110	2,550	<0.001	<0.001	<0.001	<0.003	399	Sand to clear No odor
2	44.72	60.54	2.5	8	8/13/2020	960	2,500	XXX	XXX	XXX	XXX	371	Sand to clear No odor
2	44.58	60.54	2.6	8	2/24/2021	750	2,170	XXX	XXX	XXX	XXX	529	Sand to clear No odor
2	44.56	60.24	2.6	8	5/13/2021	810	2,330	XXX	XXX	XXX	XXX	430	Sand to clear No odor
2	44.65	60.24	2.5	8	8/25/2021	800	2,290	XXX	XXX	XXX	XXX	532	Sand to clear No odor
2	44.73	60.24	2.5	8	10/25/2021	860	2,290	XXX	XXX	XXX	XXX	427	Sand to clear No odor
2	44.68	60.54	2.5	8	2/10/2022	830	2,280	XXX	XXX	XXX	XXX	453	Sand to clear No odor
2	44.64	60.54	2.5	8	5/2/2022	860	2,370	XXX	XXX	XXX	XXX	438	Sand to clear No odor
2	44.93	60.54	2.5	8	8/19/2022	880	2,340	XXX	XXX	XXX	XXX	413	Sand to clear No odor
2	45.01	60.54	2.5	8	10/31/2022	850	2,420	XXX	XXX	XXX	XXX	486	Sand to clear No odor
2	44.95	60.54	2.5	8	3/4/2023	870	2,400	XXX	XXX	XXX	XXX	350	Sand to clear No odor
2	44.82	60.54	2.5	8	5/8/2023	790	1,880	XXX	XXX	XXX	XXX	246	Sand to clear No odor
2	44.98	60.54	2.5	8	8/1/2023	800	2,300	XXX	XXX	XXX	XXX	470	Sand to clear No odor
2	45	60.54	2.5	8	10/9/2023	830	2,360	XXX	XXX	XXX	XXX	626	Sand to clear No odor
2	45.02	60.54	2.5	8	2/2/2024	720	1,980	XXX	XXX	XXX	XXX	425	Sand to clear No odor
2	45.04	60.54	2.5	8	5/14/2024	780	2,300	XXX	XXX	XXX	XXX	496	Sand to clear No odor
2	45.19	60.54	2.5	8	7/29/2024	820	2,300	XXX	XXX	XXX	XXX	535	Sand to clear No odor
2	45.38	60.54	2.4	8	10/15/2024	790	2,290	XXX	XXX	XXX	XXX	421	Sand to clear No odor

MW	Depth to Water	Total Depth	Well Volume	Volume Pumped	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
3	52.19	62.13	1.6	8	10/18/2013	740	1,710	<0.001	<0.001	<0.001	<0.003	216	Sand to clear No odor
3	53.64	62.13	1.4	8	1/24/2014	680	1,780	<0.001	<0.001	<0.001	<0.003	213	Sand to clear No odor
3	54.53	62.13	1.2	8	4/8/2014	820	1,760	<0.001	<0.001	<0.001	<0.003	223	Sand to clear No odor
3	55.17	62.13	1.1	8	7/22/2014	500	1,980	<0.001	<0.001	<0.001	<0.003	201	Sand to clear No odor
3	50.87	62.13	1.8	8	10/24/2014	820	2,190	<0.001	<0.001	<0.001	<0.003	224	Sand to clear No odor
3	50.97	62.13	1.8	8	2/4/2015	820	1,970	<0.001	<0.001	<0.001	<0.003	214	Sand to clear No odor
3	51.82	62.13	1.6	8	4/22/2015	870	2,100	<0.001	<0.001	<0.001	<0.003	213	Sand to clear No odor
3	52.28	62.13	1.58	8	7/30/2015	910	2,360	<0.001	<0.001	<0.001	<0.003	163	Sand to clear No odor
3	51.13	62.13	1.76	8	10/23/2015	870	2,170	<0.001	<0.001	<0.001	<0.003	221	Sand to clear No odor
3	50.25	62.13	1.9	8	2/1/2016	860	2,040	<0.001	<0.001	<0.001	<0.003	209	Sand to clear No odor
3	51.22	62.13	1.7	8	4/25/2016	830	2,030	<0.001	<0.001	<0.001	<0.003	262	Sand to clear No odor
3	49.83	62.13	2	8	7/25/2016	820	1,920	<0.001	<0.001	<0.001	<0.003	249	Sand to clear No odor
3	50.28	62.13	1.9	8	10/31/2016	800	1,990	<0.001	<0.001	<0.001	<0.003	242	Sand to clear No odor
3	49.13	62.13	2.1	8	2/8/2017	760	1,720	<0.001	<0.001	<0.001	<0.003	223	Sand to clear No odor
3	48.72	62.13	2.1	8	4/13/2017	810	1,970	<0.001	<0.001	<0.001	<0.003	225	Sand to clear No odor
3	48.09	62.13	2.2	8	8/17/2017	780	1,920	<0.001	<0.001	<0.001	<0.003	222	Sand to clear No odor
3	48.03	62.13	2.3	8	10/26/2017	690	1,850	<0.001	<0.001	<0.001	<0.003	233	Sand to clear No odor
3	46.92	62.13	2.4	8	1/18/2018	610	1,530	<0.001	<0.001	<0.001	<0.003	236	Sand to clear No odor
3	46.51	62.13	2.5	8	4/30/2018	720	1,630	<0.001	<0.001	<0.001	<0.003	287	Sand to clear No odor
3	46.39	62.13	2.5	8	8/14/2018	730	1,760	<0.001	<0.001	<0.001	<0.003	186	Sand to clear No odor
3	46.27	62.13	2.5	8	11/1/2018	780	1,700	<0.001	<0.001	<0.001	<0.003	237	Sand to clear No odor
3	46.06	62.13	2.6	8	2/12/2019	710	1,740	<0.001	<0.001	<0.001	<0.003	253	Sand to clear No odor
3	45.98	62.13	2.6	8	4/26/2019	730	1,720	<0.001	<0.001	<0.001	<0.003	242	Sand to clear No odor
3	45.89	62.13	2.6	8	7/29/2019	750	1,740	<0.001	<0.001	<0.001	<0.003	235	Sand to clear No odor
3	45.92	62.13	2.6	8	10/28/2019	720	1,780	<0.001	<0.001	<0.001	<0.003	206	Sand to clear No odor
3	45.78	62.13	2.6	8	2/10/2020	660	1,550	<0.001	<0.001	<0.001	<0.003	232	Sand to clear No odor
3	45.64	62.13	2.6	8	8/13/2020	660	1,670	XXX	XXX	XXX	XXX	209	Sand to clear No odor
3	45.49	62.13	2.7	8	2/24/2021	630	1,410	XXX	XXX	XXX	XXX	259	Sand to clear No odor
3	45.53	62.13	2.7	8	5/13/2021	690	1,890	XXX	XXX	XXX	XXX	280	Sand to clear No odor
3	45.54	62.13	2.6	8	8/25/2021	780	1,770	XXX	XXX	XXX	XXX	358	Sand to clear No odor
3	45.62	62.13	2.6	8	10/25/2021	780	1,900	XXX	XXX	XXX	XXX	241	Sand to clear No odor
3	45.57	62.13	2.6	8	2/10/2022	820	1,890	XXX	XXX	XXX	XXX	272	Sand to clear No odor

3	45.55	62.13	2.7	8	5/2/2022	880	2,000	XXX	XXX	XXX	XXX	245	Sand to clear No odor
3	45.82	62.13	2.6	8	8/19/2022	740	2,060	XXX	XXX	XXX	XXX	292	Sand to clear No odor
3	45.89	62.13	2.6	8	10/31/2022	630	1,740	XXX	XXX	XXX	XXX	239	Sand to clear No odor
3	45.86	62.13	2.6	8	3/4/2023	670	1,680	XXX	XXX	XXX	XXX	244	Sand to clear No odor
3	45.72	62.13	2.6	8	5/8/2023	640	1,690	XXX	XXX	XXX	XXX	277	Sand to clear No odor
3	45.87	62.13	2.6	8	8/1/2023	600	1,710	XXX	XXX	XXX	XXX	221	Sand to clear No odor
3	45.92	62.13	2.6	8	10/9/2023	670	1,720	XXX	XXX	XXX	XXX	318	Sand to clear No odor
3	45.93	62.13	2.6	8	2/2/2024	620	1,560	XXX	XXX	XXX	XXX	146	Sand to clear No odor
3	45.92	62.13	2.6	8	5/14/2024	650	1,850	XXX	XXX	XXX	XXX	277	Sand to clear No odor
3	46.09	62.13	2.6	8	7/29/2024	580	1,750	XXX	XXX	XXX	XXX	369	Sand to clear No odor
3	46.3	62.13	2.5	8	10/15/2024	550	1,660	XXX	XXX	XXX	XXX	262	Sand to clear No odor



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 16, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD P-26-1 VENT

Enclosed are the results of analyses for samples received by the laboratory on 02/07/24 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	02/07/2024	Sampling Date:	02/02/2024
Reported:	02/16/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #1 (H240570-01)

Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	392	4.00	02/07/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	204	50.0	02/08/2024	ND	21.4	107	20.0	2.79		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1280	5.00	02/12/2024	ND	833	83.3	1000	1.18		

Sample ID: MONITOR WELL #2 (H240570-02)

Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	184	4.00	02/07/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	126	50.0	02/08/2024	ND	21.4	107	20.0	2.79		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	808	5.00	02/12/2024	ND	833	83.3	1000	1.18		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/07/2024	Sampling Date:	02/02/2024
Reported:	02/16/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #3 (H240570-03)

Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	232	4.00	02/07/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	168	50.0	02/08/2024	ND	21.4	107	20.0	2.79		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	980	5.00	02/12/2024	ND	833	83.3	1000	1.18		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

ANALYSIS REQUEST

(Circle or Specify Method No.)

Fax (575) 393-2476		BILL TO Company:		PO#
Company Name:		RICE Operating Company		
Project Manager:		Address: (Street, City, Zip)		
Katie Jones		122 W Taylor Street ~ Hobbs, New Mexico 88240		
Address: (Street, City, Zip)		Phone#:		Fax#:
122 W Taylor Street ~ Hobbs, New Mexico 88240		(575) 393-9174		(575)397-1471
Phone #:		Fax #:		
(575) 393-9174		(575) 397-1471		
Project #:		Project Name:		
		BD P-26-1 Vent		
Project Location:		Sampler Signature: Rozanne Johnson (575)631-9310		
T21S R37E Sec26 P ~ Lea County New Mexico		PRESERVATIVE		

[illegible][illegible]

Relinquished by: <u>Bozanne Johnson</u>	Date: <u>2/7/2024</u>	Time: <u>7:15</u>	Received by: <u>James Jones</u>	Date: <u>2/7/2024</u>	Time: <u>7:16</u>						
Relinquished by: <u>James Jones</u>	Date: <u>2/7/2024</u>	Time: <u>7:15</u>	Received By: (Laboratory Staff) <u>DAZ</u>	Date: <u>2/7/24</u>	Time: <u>8:20</u>						
Delivered By: (Circle One) <u>UPS</u>	-37°C		Sample Condition	CHECKED BY:							
Sampler - UPS - Bus - Other: <u>#146</u>		<table border="1"> <tr> <td>Cool</td> <td>Intact</td> </tr> <tr> <td>Yes <input checked="" type="checkbox"/></td> <td>Yes <input checked="" type="checkbox"/></td> </tr> <tr> <td>No <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> </table>		Cool	Intact	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	(Initials) <u>DA</u>	
Cool	Intact										
Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>										
No <input type="checkbox"/>	No <input type="checkbox"/>										

Phone Results	Yes	No
Fax Results	Yes	No Additional Fax Number:

REMARKS:

Email Results: kjones@riceswd.com
rozanne@sdacres.com

Released to Imaging: 10/7/2025 10:03:23 AM



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 24, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD P-26-1 VENT

Enclosed are the results of analyses for samples received by the laboratory on 05/20/24 11:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	05/20/2024	Sampling Date:	05/14/2024
Reported:	05/24/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #1 (H242760-01)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	360	4.00	05/21/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	274	50.0	05/21/2024	ND	19.2	96.1	20.0	0.364		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1260	20.0	05/22/2024	14.0	844	84.4	1000	5.32		

Sample ID: MONITOR WELL #2 (H242760-02)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	240	4.00	05/21/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	206	50.0	05/21/2024	ND	19.2	96.1	20.0	0.364		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1010	20.0	05/22/2024	14.0	844	84.4	1000	5.32		

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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


Received:	05/20/2024	Sampling Date:	05/14/2024
Reported:	05/24/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #3 (H242760-03)

Chloride, SM4500Cl-B			mg/L		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	212	4.00	05/21/2024	ND	104	104	100	0.00		
Sulfate 375.4			mg/L		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	185	50.0	05/21/2024	ND	19.2	96.1	20.0	0.364		
TDS 160.1			mg/L		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	963	20.0	05/23/2024	14.0	844	84.4	1000	5.32		

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Celey D. Keene, Lab Director/Quality Manager



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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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 09, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD P-26-1 VENT

Enclosed are the results of analyses for samples received by the laboratory on 07/31/24 10:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	07/31/2024	Sampling Date:	07/29/2024
Reported:	08/09/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #1 (H244558-01)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	348	4.00	08/07/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	270	50.0	08/07/2024	ND	20.4	102	20.0	4.04		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1270	5.00	08/07/2024	ND	845	84.5	1000	0.646		

Sample ID: MONITOR WELL #2 (H244558-02)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	220	4.00	08/07/2024	ND	100	100	100	7.69		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	200	50.0	08/07/2024	ND	20.4	102	20.0	4.04		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	952	5.00	08/07/2024	ND	845	84.5	1000	0.646		

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/31/2024	Sampling Date:	07/29/2024
Reported:	08/09/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #3 (H244558-03)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: CT						
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*		256	4.00	08/07/2024	ND	100	100	100	7.69	
	Sulfate	375.4								
		mg/L		Analyzed By: CT						
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*		210	50.0	08/07/2024	ND	20.4	102	20.0	4.04	
	TDS	160.1								
		mg/L		Analyzed By: AC						
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*		1020	5.00	08/07/2024	ND	845	84.5	1000	0.646	

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 10/7/2025 10:03:23 AM



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 24, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD P-26-1 VENT

Enclosed are the results of analyses for samples received by the laboratory on 10/16/24 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	10/16/2024	Sampling Date:	10/15/2024
Reported:	10/24/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #1 (H246316-01)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	348	4.00	10/22/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	204	50.0	10/17/2024	ND	21.1	106	20.0	13.4		
TDS 160.1		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1230	5.00	10/23/2024	ND	840	84.0	1000	1.38		

Sample ID: MONITOR WELL #2 (H246316-02)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	228	4.00	10/22/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	147	50.0	10/17/2024	ND	21.1	106	20.0	13.4		
TDS 160.1		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	985	5.00	10/23/2024	ND	840	84.0	1000	1.38		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/16/2024	Sampling Date:	10/15/2024
Reported:	10/24/2024	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #3 (H246316-03)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	272	4.00	10/22/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	135	50.0	10/17/2024	ND	21.1	106	20.0	13.4		
TDS 160.1		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1080	5.00	10/23/2024	ND	840	84.0	1000	1.38		

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, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Cardinal Laboratories, Inc.

Fax (575) 393-2476		BILL TO Company: PO#	
Company Name: RICE Operating Company		RICE Operating Company	
Project Manager: Katie Jones		Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240	
Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240		Phone#: (575) 393-9174 Fax#: (575) 397-1471	
Phone #: (575) 393-9174		Fax #: (575) 397-1471	
Project #: BD P-26-1 Vent		Project Name:	
Project Location: T21S R37E Sec26 P ~ Lea County New Mexico		Sampler Signature: Rozanne Johnson (575) 631-9310	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

ANALYSIS REQUEST
(Circle or Specify Method No.)[illegible]

Turn Around Time ~ 24 Hours

Relinquished by: _____ Date: _____ Time: _____
 Rozanne Johnson _____ 10/14/24 15:35
 Relinquished by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____
Adams 10-11-24 1535
 Received By: (Laboratory Staff) Date: _____ Time: _____

Delivered By: (Circle One)

Sample Condition		Cool	Intact
Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>
No	<input type="checkbox"/>	No	<input type="checkbox"/>

CHECKED BY:

(Initials)

Sampler - UPS - Bus - Other:

Phone Results	Yes	No
Fax Results	Yes	No Additional Fax Number:

REMARKS:

Email Results: kjones@riceswd.com
rozanne@sdacres.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 16, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION P-26-2

Enclosed are the results of analyses for samples received by the laboratory on 02/07/24 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	02/07/2024	Sampling Date:	02/02/2024
Reported:	02/16/2024	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	T21S R37E SEC26P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #1 (H240571-01)

Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	740	4.00	02/08/2024	ND	104	104	100	3.92		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	509	125	02/08/2024	ND	21.4	107	20.0	2.79		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2280	5.00	02/12/2024	ND	833	83.3	1000	1.18		

Sample ID: MONITOR WELL #2 (H240571-02)

Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	720	4.00	02/08/2024	ND	104	104	100	3.92		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	425	125	02/08/2024	ND	21.4	107	20.0	2.79		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1980	5.00	02/12/2024	ND	833	83.3	1000	1.18		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

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

Received:	02/07/2024	Sampling Date:	02/02/2024
Reported:	02/16/2024	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	T21S R37E SEC26P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H240571-03)

Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	620	4.00	02/08/2024	ND	104	104	100	3.92		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	146	25.0	02/08/2024	ND	21.4	107	20.0	2.79		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1560	5.00	02/12/2024	ND	833	83.3	1000	1.18		

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Cardinal Laboratories, Inc.

LAB Order ID # _____

ANALYSIS REQUEST
(Circle or Specify Method No.)[illegible]

Phone Results	Yes	No
Fax Results	Yes	No Additional Fax Number:

REMARKS:	
Email Results:	kjones@riceswd.com rozanne@sdacres.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 24, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION P-26-2

Enclosed are the results of analyses for samples received by the laboratory on 05/20/24 11:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	05/20/2024	Sampling Date:	05/14/2024
Reported:	05/24/2024	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC26P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #1 (H242759-01)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	670	4.00	05/21/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	328	125	05/21/2024	ND	19.2	96.1	20.0	0.364		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1840	5.00	05/22/2024	14.0	844	84.4	1000	5.32		

Sample ID: MONITOR WELL #2 (H242759-02)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	780	4.00	05/21/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	496	125	05/21/2024	ND	19.2	96.1	20.0	0.364		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2300	5.00	05/22/2024	14.0	844	84.4	1000	5.32		

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	05/20/2024	Sampling Date:	05/14/2024
Reported:	05/24/2024	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC26P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H242759-03)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	650	4.00	05/21/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	277	125	05/21/2024	ND	19.2	96.1	20.0	0.364		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1850	5.00	05/22/2024	14.0	844	84.4	1000	5.32		

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 5

(Circle or Specify Method No.)

									G	
									MTBE 8021B/602	
									BTEX 8021B/602	
									TPH 418.1/TX1005 / TX1005 Extended (C35)	
									PAH 8270C	
									Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	
									TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
									TCLP Volatiles	
									TCLP Semi Volatiles	
									TCLP Pesticides	
									RCI	
									GC/MS Vol. 8260B/624	
									GC/MS Semi. Vol. 8270C/625	
									PCB's 8082/608	
									Pesticides 8081A/608	
									BOD, TSS, pH	
									Moisture Content	
									Anions (Cl, SO ₄ , CO ₃ , HCO ₃)	
									Cations (Ca, Mg, Na, K)	
						X	X	X	Sulfates (SO ₄)	
						X	X	X	Total Dissolved Solids	
						X	X	X	Chlorides	
									Turn Around Time ~ 24 Hours	

Phone Results		Yes		No
Fax Results		Yes		No Additional Fax Number:
REMARKS:				
Email Results: kjones@riceswd.com rozanne@sdacres.com				



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 09, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION P-26-2

Enclosed are the results of analyses for samples received by the laboratory on 07/31/24 10:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 07/31/2024
Reported: 08/09/2024
Project Name: BD JUNCTION P-26-2
Project Number: NONE GIVEN
Project Location: T21S R37E SEC26P ~ LEA CTY, NM

Sampling Date: 07/29/2024
Sampling Type: Water
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MONITOR WELL #1 (H244559-01)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	660	4.00	08/07/2024	ND	100	100	100	7.69		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	334	50.0	08/07/2024	ND	20.4	102	20.0	4.04		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1700	5.00	08/07/2024	ND	845	84.5	1000	0.646		

Sample ID: MONITOR WELL #2 (H244559-02)

Chloride, SM4500Cl-B (Water)		mg/L	Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	820	4.00	08/07/2024	ND	100	100	100	7.69		
Sulfate 375.4		mg/L	Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	535	83.3	08/07/2024	ND	20.4	102	20.0	4.04		
TDS 160.1		mg/L	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2300	5.00	08/07/2024	ND	845	84.5	1000	0.646		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	07/31/2024	Sampling Date:	07/29/2024
Reported:	08/09/2024	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	T21S R37E SEC26P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H244559-03)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	580	4.00	08/07/2024	ND	100	100	100	7.69		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	369	50.0	08/07/2024	ND	20.4	102	20.0	4.04		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1750	5.00	08/07/2024	ND	845	84.5	1000	0.646		

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".


Celey D. Keene, Lab Director/Quality Manager

101 East Marland - Hobbs, NM 88240
Tel (575) 393-2326
Fax (575) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: RICE Operating Company		BILL TO Company: RICE Operating Company		PO#
Project Manager: Katie Jones		Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240		
Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240		Phone#: (575) 393-9174		Fax#: (575)397-1471
Phone #: (575) 393-9174		Fax #: (575) 397-1471		
Project #:		Project Name: BD Junction P-26-2		
Project Location: T21S R37E Sec26 P ~ Lea County New Mexico		Sampler Signature:  Rozanne Johnson (575)631-9310		

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

Relinquished by:	Date:	Time:	Received by:	Date:	Time:									
Rozanne Johnson	7/31/24	7:40	[Signature]	7/31/24	7:41									
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff)	Date:	Time:									
[Signature]	7/31/2024		[Signature]	10/47	7-31-24									
Delivered By: (Circle One)			Sample Condition	CHECKED BY:										
			<table border="1"> <tr> <td></td> <td>Cool</td> <td>Intact</td> </tr> <tr> <td>Yes</td> <td><input checked="" type="checkbox"/></td> <td>Yes <input checked="" type="checkbox"/></td> </tr> <tr> <td>No</td> <td>No <input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		Cool	Intact	Yes	<input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No	No <input type="checkbox"/>	<input type="checkbox"/>	(Initials)	
	Cool	Intact												
Yes	<input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>												
No	No <input type="checkbox"/>	<input type="checkbox"/>												
Sampler - UPS - Bus - Other:			[Signature]											

Phone Results	Yes	No
Fax Results	Yes	No Additional Fax Number:
REMARKS:		
Email Results: kjones@riceswd.com rozanne@sdacres.com		



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 24, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JUNCTION P-26-2

Enclosed are the results of analyses for samples received by the laboratory on 10/16/24 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/16/2024	Sampling Date:	10/15/2024
Reported:	10/24/2024	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC26P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #1 (H246315-01)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	620	4.00	10/22/2024	ND	104	104	100	0.00	QM-05	
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	214	50.0	10/17/2024	ND	21.1	106	20.0	13.4		
TDS 160.1		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1730	5.00	10/23/2024	ND	840	84.0	1000	1.38		

Sample ID: MONITOR WELL #2 (H246315-02)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	790	4.00	10/22/2024	ND	104	104	100	0.00		
Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	421	83.3	10/17/2024	ND	21.1	106	20.0	13.4		
TDS 160.1		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2290	5.00	10/23/2024	ND	840	84.0	1000	1.38		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/16/2024	Sampling Date:	10/15/2024
Reported:	10/24/2024	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	T21S R37E SEC26P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H246315-03)


Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	550	4.00	10/22/2024	ND	104	104	100	0.00		

Sulfate 375.4		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate*	262	50.0	10/17/2024	ND	21.1	106	20.0	13.4		

TDS 160.1		mg/L		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1660	5.00	10/23/2024	ND	840	84.0	1000	1.38		

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

(Circle or Specify Method No.)

[illegible]

Phone Results	Yes	No
Fax Results	Yes	No

Additional Fax Number:

REMARKS:

Email Results: kjones@riceswd.com
rozanne@sdacres.com

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 447062

CONDITIONS

Operator: RICE OPERATING COMPANY PO Box 5630 Hobbs, NM 88241	OGRID: 19174
	Action Number: 447062
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	10/7/2025
amaxwell	Submit a stand alone report for the evaluation of a pump and use groundwater restoration program by April 1, 2026.	10/7/2025
amaxwell	Continue to monitor groundwater at BD P-26-1 and BD P-26-2 quarterly during 2025. Submit annual groundwater monitoring report by April 1, 2026.	10/7/2025