REVIEWED
By Nelson Velez at 1:40 pm, Apr 10, 2023

L Peter Galusky, Jr PE

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March 31, 2023

Review of 2022 Annual Report: **Content satisfactory**

1. Continue sampling on a semi-annual schedule at a minimum
2. Submit summarized activities completed and their results in a 2023 Annual Report. Submittal to OCD expected no later than April 1, 2024.

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

RE: **2022 Annual Report**
Rice Operating Company
BD P-26-1 and BD P-26-2 (AP-97), T21S, R37E, Sec. 26, UL P

Sent by E-mail

Mr. Velez:

This letter summarizes progress made over the past calendar year for the BD P-26-1 and BD P-26-2 sites which are operated by Rice Operating Company (ROC). Location and site schematic maps are given in the Appendix (Figures 1 and 2, respectively). In brief:

BD P-26-1

Groundwater analyte concentrations for BD P-26-1 are given in Figure 3 (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 from 211 mg/l in 2021 to 315 mg/l in 2022. Groundwater chloride concentrations in the up-gradient monitor well (MW-2) were essentially unchanged, measuring 225 mg/l in 2021 vs 224 mg/l in 2022. Groundwater chloride concentrations in the down-gradient monitor well (MW-3) remained relatively stable at 221 mg/l in 2021 and 234 mg/l in 2022. ROC ceased measuring groundwater BTEX concentrations in 2021, 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 depth to groundwater at this location averaged approximately 47 ft bgs in the near-source monitor well (MW-1) during 2022.

BD P-26-2

Groundwater analyte concentrations for BD P-26-2 are given in Figure 4 (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) rose slightly from 783 mg/l in 2021 to 825 mg/l in 2022. Average annual groundwater chloride concentrations

in the down-gradient well (MW-2) also rose slightly from 805 mg/l in 2021 to 855 mg/l in 2022. Average annual groundwater chloride concentrations in the far down-gradient monitor well, MW-3, remained relatively stable at 720 mg/l in 2021 and 768 mg/l in 2022. Sampling and analysis for groundwater BTEX ceased in 2021, as noted above. The depth to groundwater at this location averaged approximately 45 ft bgs in the near-source monitor well (MW-1) during 2022.

Summary and Path Forward

The slight rise in groundwater chloride concentrations in the near-source monitor well (MW-1) at BD P-26-1 to 315 mg/l interrupting its previous multi-year decline. The down-gradient monitor well (MW-3) remained below the 250 mg/l OCD standard.

Groundwater chloride concentrations BD P-26-2 are presently several times lower than the peak annual average of 5,325 mg/l observed in the at-source well in 2008. Groundwater chloride concentrations in the down-gradient monitor well (MW-2) remain substantially lower than the highest concentration of 1,735 mg/l in 2018.

ROC will continue to monitor groundwater at BD P-26-1 and BD P-26-2 quarterly during 2023.

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.

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.

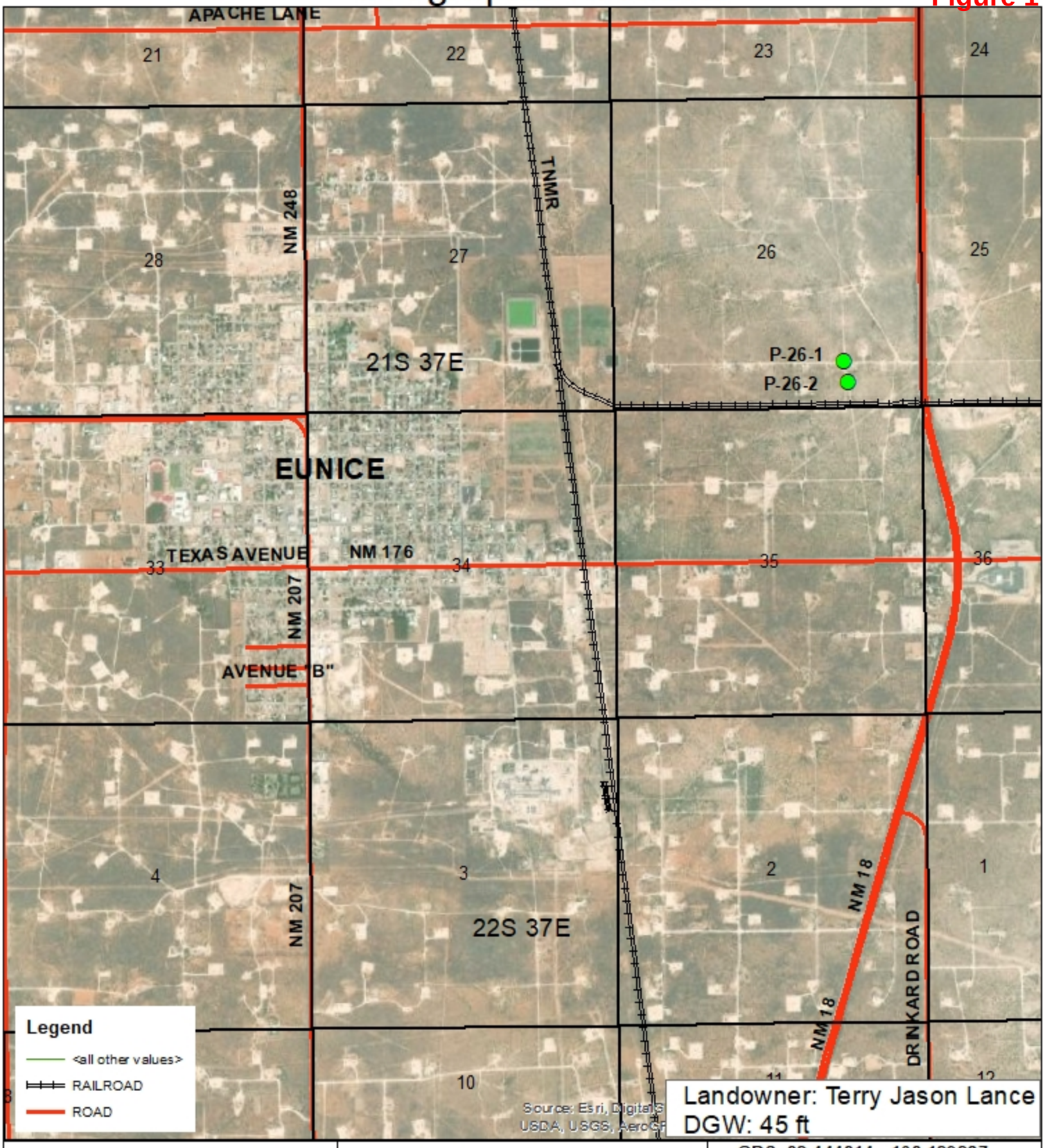
Sincerely,

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

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

Geographic Location

Figure 1



RICE OPERATING COMPANY
ROC
SINCE 1955

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

N
W E
S

0 2,000 4,000
Feet

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

Site Map

Figure 2

RICE OPERATING COMPANY
ROC
SINCE 1955

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

N
W E
S

0 50 100
Feet

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

Figure 3

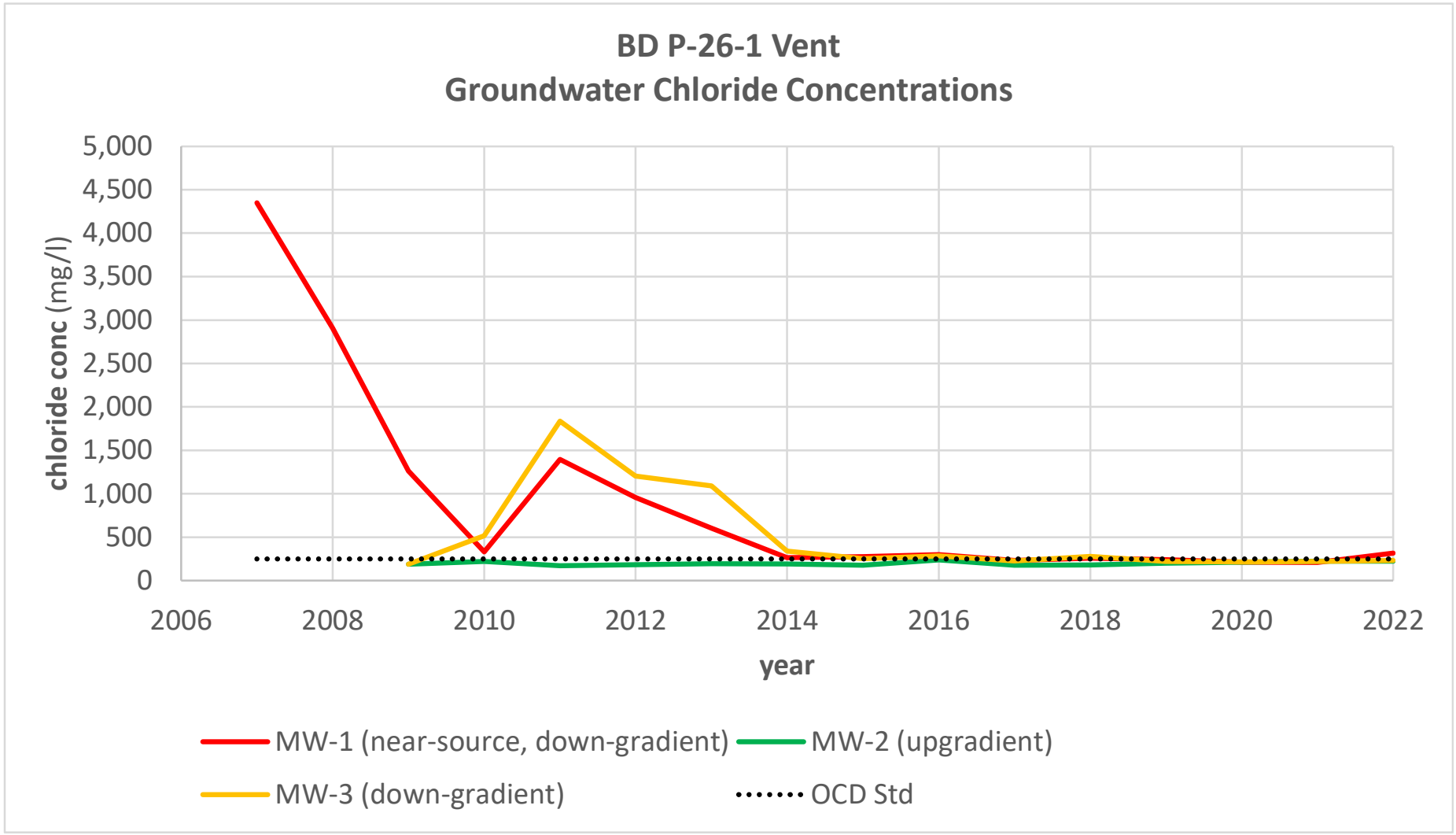

BD P-26-1 Vent
Groundwater Chloride Concentrations
chloride conc (mg/l)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
2006
2008
2010
2012
2014
2016
2018
2020
2022
year
MW-1 (near-source, down-gradient)
MW-2 (upgradient)
MW-3 (down-gradient)
OCD Std

Table 1

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	190	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

Figure 4

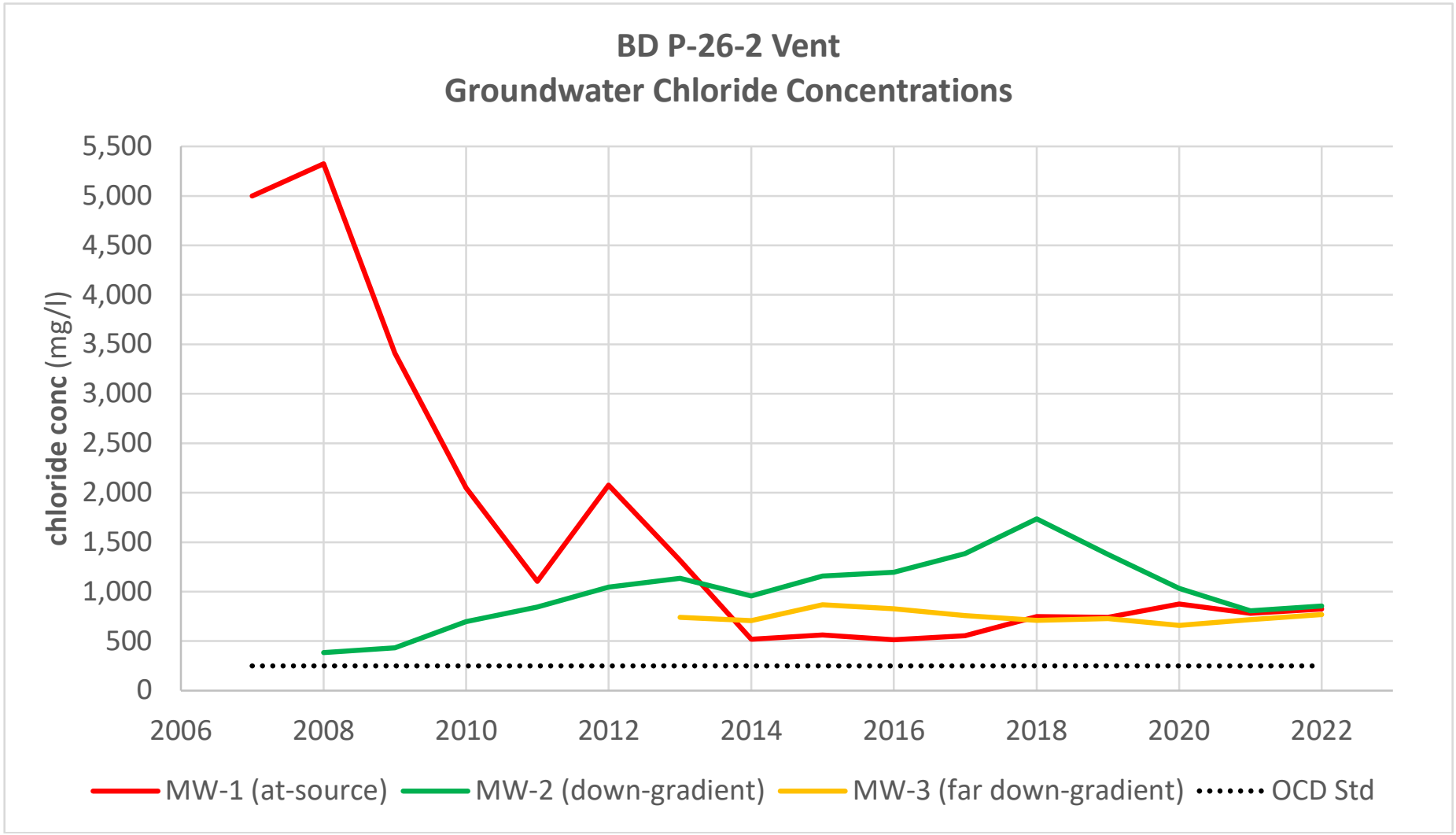

BD P-26-2 Vent
Groundwater Chloride Concentrations
chloride conc (mg/l)
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
2006
2008
2010
2012
2014
2016
2018
2020
2022
MW-1 (at-source)
MW-2 (down-gradient)
MW-3 (far down-gradient)
OCD Std

Table 2

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

Table 3

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	ann. avg Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	50.37	58.6	1.3	6	11/12/2007	4,350	4,350	8,396	<0.002	<0.002	<0.002	<0.006	347	Clear No odor
1	49.8	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	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	2,905	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	1,263	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	332	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	1,398	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	960	1,720	<0.001	<0.001	<0.001	<0.003	245	Sand to clear No odor
1	54.1	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	605	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	268	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

Table 3

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	277	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	298	1,230	<0.001	<0.001	<0.001	<0.003	224	Sand to clear No odor
1	51.8	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	49.8	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	233	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	48.4	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	258	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	242	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	212	967	XXX	XXX	XXX	XXX	199	Sand to clear No odor
1	47.5	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	211	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	315	1,100	XXX	XXX	XXX	XXX	164	Sand to clear No odor

Table 3

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	ann. avg Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
2	50.14	64.39	2.3	10	10/6/2008	184	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	188	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	221	888	<0.001	<0.001	<0.001	<0.003	167	Sand to clear No odor
2	47.68	65.1	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	65.1	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	65.1	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	65.1	2.7	10	10/17/2011	172	171	813	<0.001	<0.001	<0.001	<0.003	136	Sand to clear No odor
2	48.08	65.1	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	65.1	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	65.1	2	10	7/17/2012	204		968	<0.001	<0.001	<0.001	<0.003	194	Sand to clear No odor
2	51.02	65.1	2.3	10	10/15/2012	192	185	937	<0.001	<0.001	<0.001	<0.003	220	Sand to clear No odor
2	53.14	65.1	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	65.1	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	65.1	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	65.1	1.9	10	10/18/2013	188	197	878	<0.001	<0.001	<0.001	<0.003	160	Sand to clear No odor
2	54.61	65.1	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	65.1	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	65.1	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	65.1	2.1	10	10/24/2014	172	190	882	<0.001	<0.001	<0.001	<0.003	165	Sand to clear No odor
2	52.13	65.1	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	65.1	2	10	4/22/2015	188		938	<0.001	<0.001	<0.001	<0.003	129	Sand to clear No odor
2	53.33	65.1	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	65.1	2.1	10	10/23/2015	172	177	884	<0.001	<0.001	<0.001	<0.003	152	Sand to clear No odor
2	51.27	65.1	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	65.1	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	65.1	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	65.1	2.2	8	10/31/2016	184	238	878	<0.001	<0.001	<0.001	<0.003	211	Sand to clear No odor

Table 3

2	51.3	65.1	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	65.1	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	65.1	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	65.1	2.5	8	10/26/2017	176	177	882	<0.001	<0.001	<0.001	<0.003	173	Sand to clear No odor
2	48.38	65.1	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	65.1	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	65.1	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	65.1	2.8	8	11/1/2018	188	182	1,000	<0.001	<0.001	<0.001	<0.003	179	Sand to clear No odor
2	47.58	65.1	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	65.1	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	65.1	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	65.1	2.8	8	10/28/2019	212	202	949	<0.001	<0.001	<0.001	<0.003	166	Sand to clear No odor
2	47.22	65.1	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	65.1	2.9	8	8/13/2020	220	212	1,000	XXX	XXX	XXX	XXX	165	Sand to clear No odor
2	46.99	65.1	2.9	8	2/24/2021	200		689	XXX	XXX	XXX	XXX	196	Sand to clear No odor
2	46.92	65.1	2.9	9	5/13/2021	228		991	XXX	XXX	XXX	XXX	219	Sand to clear No odor

Table 3

2	46.96	65.1	2.9	9	8/25/2021	244		995	XXX	XXX	XXX	XXX	244	Sand to clear No odor
2	47.05	65.1	2.9	9	10/25/2021	228	225	1,020	XXX	XXX	XXX	XXX	176	Sand to clear No odor
2	47.03	65.1	2.9	8	2/10/2022	220		941	XXX	XXX	XXX	XXX	174	Sand to clear No odor
2	47.02	65.1	2.9	8	5/2/2022	228		1,010	XXX	XXX	XXX	XXX	174	Sand to clear No odor
2	47.23	65.1	2.9	8	8/19/2022	228		1,030	XXX	XXX	XXX	XXX	160	Sand to clear No odor
2	47.38	65.1	2.8	8	10/31/2022	220	224	973	XXX	XXX	XXX	XXX	178	Sand to clear No odor

Table 3

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	ann. avg Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	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	195	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	517	1,840	<0.001	<0.001	<0.001	<0.003	142	Sand to clear No odor
3	46.9	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	1,838	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	1,205	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	1,090	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	341	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	253	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	283	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

Table 3

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	229	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	47.2	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	281	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	219	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	46.2	64.63	2.9	8	8/13/2020	220	218	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	221	991	XXX	XXX	XXX	XXX	177	Sand to clear No odor
3	46.2	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	46.4	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	234	969	XXX	XXX	XXX	XXX	158	Sand to clear No odor

Table 4

ROC - BD P-26-2 (AP-97)
Unit Letter P, Section 26, T21S, R37E

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	ann. avg Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	47.84	59.43	1.9	6	11/12/2007	5,000	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	5,325	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	3,413	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	2,048	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	1,105	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	2,078	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	1,315	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	521	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

Table 4

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	562	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	515	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	554	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	748	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	740	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	875	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	783	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	825	2,040	XXX	XXX	XXX	XXX	364	Sand to clear No odor

Table 4

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	ann. avg Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
2	47.38	59.92	2	10	10/6/2008	384	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	431	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	698	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	845	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	1,045	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	1,133	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	955	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	1,160	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	1,195	2,400	<0.001	<0.001	<0.001	<0.003	304	Sand to clear No odor

Table 4

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	1,383	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	1,735	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	1,378	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	1,035	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

Table 4

2	44.73	60.24	2.5	8	10/25/2021	860	805	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	855	2,420	XXX	XXX	XXX	XXX	486	Sand to clear No odor

Table 4

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	ann. avg Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
3	52.19	62.13	1.6	8	10/18/2013	740	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	705	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	868	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	828	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	760	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	710	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	728	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	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	720	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

Table 4

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	768	1,740	XXX	XXX	XXX	XXX	239	Sand to clear No odor

CARDINAL Laboratories

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

February 18, 2022

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 02/15/22 15:00.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

CARDINAL Laboratories

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:	02/15/2022	Sampling Date:	02/10/2022
Reported:	02/18/2022	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 (H220580-01)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**308**	4.00	02/16/2022	ND	100	100	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*	**212**	50.0	02/17/2022	ND	19.5	97.5	20.0	0.463	

TDS 160.1 mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1130**	5.00	02/18/2022	ND	524	105	500	1.73	

Sample ID: MONITOR WELL #2 (H220580-02)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**220**	4.00	02/16/2022	ND	100	100	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*	**174**	50.0	02/17/2022	ND	19.5	97.5	20.0	0.463	

TDS 160.1 mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**941**	5.00	02/18/2022	ND	524	105	500	1.73	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/15/2022	Sampling Date:	02/10/2022
Reported:	02/18/2022	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 (H220580-03)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**232**	4.00	02/16/2022	ND	100	100	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*	**169**	50.0	02/17/2022	ND	19.5	97.5	20.0	0.463	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**982**	5.00	02/18/2022	ND	524	105	500	1.73	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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 P-26-1 Vent
Project Location: T21S R37E Sec26 P ~ Lea County New Mexico	Sampler Signature: Rozanne Johnson (575)631-9310

H220580

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE		PRESERVATIVE METHOD: HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2022)	TIME
1	Monitor Well #1	G	1	X									1		2/10	14:35
2	Monitor Well #2	G	1	X									1		2/10	13:10
3	Monitor Well #3	G	1	X									1		2/10	15:45

ANALYSIS REQUEST

(Circle or Specify Method No.)

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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
																		X	X	X	
																		X	X	X	
																		X	X	X	

Relinquished by: Rozanne Johnson	Date: 2/15/2022	Time: 15:00	Received by: Tamara Oldaker
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff)

Date: 2-15-22 Time: 1500

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

REMARKS:

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

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

Sample Condition: Cool: Yes ✓ / No; Intact: Yes ✓ / No

CHECKED BY: (Initials) YO

CARDINAL Laboratories

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

May 11, 2022

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 05/05/22 15:06.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

CARDINAL Laboratories

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:	05/05/2022	Sampling Date:	05/02/2022
Reported:	05/11/2022	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #1 (H221893-01)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**356**	4.00	05/08/2022	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*	**219**	50.0	05/11/2022	ND	18.2	91.0	20.0	10.2	QM-07

TDS 160.1 mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1220**	5.00	05/10/2022	ND	486	97.2	500	0.164	

Sample ID: MONITOR WELL #2 (H221893-02)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**228**	4.00	05/08/2022	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*	**174**	50.0	05/11/2022	ND	18.2	91.0	20.0	10.2	

TDS 160.1 mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1010**	5.00	05/10/2022	ND	486	97.2	500	0.164	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	05/05/2022	Sampling Date:	05/02/2022
Reported:	05/11/2022	Sampling Type:	Water
Project Name:	BD P-26-1 VENT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	T21S R37E SEC 26 P~ LEA CO NM		

Sample ID: MONITOR WELL #3 (H221893-03)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**236**	4.00	05/08/2022	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*	**169**	50.0	05/11/2022	ND	18.2	91.0	20.0	10.2	

TDS 160.1 mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1020**	5.00	05/10/2022	ND	486	97.2	500	0.164	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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 # H221893-1-3

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 P-26-1 Vent
Project Location: T21S R37E Sec26 P ~ Lea County New Mexico	Sampler Signature: Rozanne Johnson (575)631-9310

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2022)	TIME
1	Monitor Well #1	G	1	X								1		5/2	14:20
2	Monitor Well #2	G	1	X								1		5/2	13:00
3	Monitor Well #3	G	1	X								1		5/2	15:30

ANALYSIS REQUEST
(Circle or Specify Method No.)

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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
																		X	X	X	
																		X	X	X	
																		X	X	X	

Relinquished by: Date: Time:
Rozanne Johnson

Received by: SRodriguez 5-5-22 1506

Relinquished by: Date: Time:

Received By: (Laboratory Staff) Date: Time:

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

Sample Condition: Cool: Yes ☒ No ☐ Intact: Yes ☒ No ☐

CHECKED BY: (Initials) SR

Phone Results ☐ Yes ☐ No

Fax Results ☐ Yes ☐ No Additional Fax Number:

REMARKS:

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

CARDINAL Laboratories

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

August 26, 2022

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 08/24/22 9:50.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

CARDINAL Laboratories

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:	08/24/2022	Sampling Date:	08/19/2022
Reported:	08/26/2022	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 (H223866-01)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**304**	4.00	08/25/2022	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*	**185**	50.0	08/24/2022	ND	20.9	104	20.0	2.33	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1190**	5.00	08/25/2022	ND	814	81.4	1000	1.93	

Sample ID: MONITOR WELL #2 (H223866-02)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**228**	4.00	08/25/2022	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*	**160**	50.0	08/24/2022	ND	20.9	104	20.0	2.33	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1030**	5.00	08/25/2022	ND	814	81.4	1000	1.93	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	08/24/2022	Sampling Date:	08/19/2022
Reported:	08/26/2022	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 (H223866-03)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**236**	4.00	08/25/2022	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*	**165**	50.0	08/24/2022	ND	20.9	104	20.0	2.33	

TDS 160.1 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1010**	5.00	08/25/2022	ND	814	81.4	1000	1.93	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

Project Manager: Katie Jones

Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240

Phone #: (575) 393-9174

Fax #: (575) 397-1471

Project #:

Project Name: BD P-26-1 Vent

Project Location: T21S R37E Sec26 P ~ Lea County New Mexico

BILL TO Company: RICE Operating Company PO#:

Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240

Phone#: (575) 393-9174 Fax#: (575)397-1471

Sampler Signature: Rozanne Johnson (575)631-9310

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # H223866 (LAB USE ONLY)

LAB #	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR	SLUDGE	HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	DATE (2022)	TIME	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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
1	Monitor Well #1	G	1	X								1		8/19	14:30																			X	X	X	
2	Monitor Well #2	G	1	X								1		8/19	13:15																			X	X	X	
3	Monitor Well #3	G	1	X								1		8/19	15:40																			X	X	X	

Relinquished by: Rozanne Johnson Date: 8/24/22 Time:

Received by: [signature] Date: 8/24/22 Time: 8:21

Relinquished by: [signature] Date: 8/24/22 Time:

Received By: (Laboratory Staff) Tamara Oldaker Date: 8-24-22 Time: 0950

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

Sample Condition: Cool Yes ✓ / No; Intact Yes ✓ / No

CHECKED BY: (Initials) TO

Phone Results: Yes / No

Fax Results: Yes / No Additional Fax Number:

REMARKS:

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

CARDINAL Laboratories

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

November 09, 2022

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 11/04/22 9:28.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

CARDINAL Laboratories

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:	11/04/2022	Sampling Date:	10/31/2022
Reported:	11/09/2022	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 (H225216-01)

Chloride, SM4500Cl-B mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**292**	4.00	11/08/2022	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*	**164**	50.0	11/07/2022	ND	19.6	98.0	20.0	4.22	

TDS 160.1 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1100**	5.00	11/08/2022	ND	537	107	500	4.93	

Sample ID: MONITOR WELL #2 (H225216-02)

Chloride, SM4500Cl-B mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**220**	4.00	11/08/2022	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*	**178**	50.0	11/07/2022	ND	19.6	98.0	20.0	4.22	

TDS 160.1 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**973**	5.00	11/08/2022	ND	537	107	500	4.93	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/04/2022	Sampling Date:	10/31/2022
Reported:	11/09/2022	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 (H225216-03)

Chloride, SM4500Cl-B mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**232**	4.00	11/08/2022	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*	**158**	50.0	11/07/2022	ND	19.6	98.0	20.0	4.22	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**969**	5.00	11/08/2022	ND	537	107	500	4.93	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Cardinal Laboratories *=Accredited Analyte

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 P-26-1 Vent
Project Location: T21S R37E Sec26 P ~ Lea County New Mexico	Sampler Signature: Rozanne Johnson (575)631-9310

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2022)	TIME	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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
H225216																																					
1	Monitor Well #1	G	1	X								1		10/31	14:50																		X	X	X	
2	Monitor Well #2	G	1	X								1		10/31	13:30																		X	X	X	
3	Monitor Well #3	G	1	X								1		10/31	16:10																		X	X	X	

Relinquished by: Rozanne Johnson	Date: 11/4/2022	Time: 7:10	Received by:
Relinquished by:	Date: 11/4/2022	Time:	Received By: (Laboratory Staff)

Date: 11/4/2022 Time: 7:10

Date: 11-4-22 Time: 0928

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

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

Sample Condition: Cool: Yes / No; Intact: Yes / No

CHECKED BY: (Initials)

REMARKS:

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

CARDINAL Laboratories

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

February 18, 2022

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 02/15/22 15:00.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

CARDINAL Laboratories

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:	02/15/2022	Sampling Date:	02/10/2022
Reported:	02/18/2022	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 SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #1 (H220579-01)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**820**	4.00	02/16/2022	ND	100	100	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*	**468**	125	02/17/2022	ND	19.5	97.5	20.0	0.463	

TDS 160.1 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2380**	5.00	02/18/2022	ND	524	105	500	1.73	

Sample ID: MONITOR WELL #2 (H220579-02)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**830**	4.00	02/16/2022	ND	100	100	100	3.92	QM-07

Sulfate 375.4 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	**453**	125	02/17/2022	ND	19.5	97.5	20.0	0.463	

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	02/18/2022	ND	524	105	500	1.73	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/15/2022	Sampling Date:	02/10/2022
Reported:	02/18/2022	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 SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H220579-03)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**820**	4.00	02/16/2022	ND	100	100	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*	**272**	50.0	02/17/2022	ND	19.5	97.5	20.0	0.463	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1890**	5.00	02/18/2022	ND	524	105	500	1.73	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

H220579 LAB # (LAB USE ONLY)

	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE		PRESERVATIVE METHOD: HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2022)	TIME
1	Monitor Well #1	G	1	X									1		2/10	12:05
2	Monitor Well #2	G	1	X									1		2/10	10:45
3	Monitor Well #3	G	1	X									1		2/10	9:10

ANALYSIS REQUEST

(Circle or Specify Method No.)

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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
																		X	X	X	
																		X	X	X	
																		X	X	X	

Relinquished by: Rozanne Johnson	Date: 2/15/2022	Time: 15:00	Received by: [signature]
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff)

Date: 2-15-22 Time: 1500

Date: Time:

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

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition	Cool	Intact
Yes	✓	✓
No		

CHECKED BY: (Initials) TO.

REMARKS:

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

CARDINAL Laboratories

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

May 11, 2022

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 05/05/22 15:06.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	05/05/2022	Sampling Date:	05/02/2022
Reported:	05/11/2022	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	T21S R37E SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #1 (H221894-01)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**820**	4.00	05/08/2022	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*	**438**	125	05/11/2022	ND	18.2	91.0	20.0	10.2	

TDS 160.1 mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2260**	5.00	05/10/2022	ND	486	97.2	500	0.164	

Sample ID: MONITOR WELL #2 (H221894-02)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**860**	4.00	05/08/2022	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*	**438**	125	05/11/2022	ND	18.2	91.0	20.0	10.2	

TDS 160.1 mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2370**	5.00	05/10/2022	ND	486	97.2	500	0.164	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	05/05/2022	Sampling Date:	05/02/2022
Reported:	05/11/2022	Sampling Type:	Water
Project Name:	BD JUNCTION P-26-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	T21S R37E SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H221894-03)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**880**	4.00	05/08/2022	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*	**245**	125	05/11/2022	ND	18.2	91.0	20.0	10.2	

TDS 160.1 mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2000**	5.00	05/10/2022	ND	486	97.2	500	0.164	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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 # H221894

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.)

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2022)	TIME
1	Monitor Well #1	G	1	X								1		5/2	11:50
2	Monitor Well #2	G	1	X								1		5/2	10:30
3	Monitor Well #3	G	1	X								1		5/2	9:00

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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
																		X	X	X	
																		X	X	X	
																		X	X	X	

Relinquished by: Rozanne Johnson Date: Time:

Received by: S Rodriguez 5-5-22 1506 Date: Time:

Relinquished by: Date: Time:

Received By: (Laboratory Staff) Date: Time:

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

Sample Condition: Cool: Yes [X] No [ ] Intact: Yes [X] No [ ]

CHECKED BY: (Initials) SR

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

REMARKS:

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

CARDINAL Laboratories

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

August 26, 2022

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 08/24/22 9:50.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	08/24/2022	Sampling Date:	08/19/2022
Reported:	08/26/2022	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 SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #1 (H223865-01)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**860**	4.00	08/25/2022	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*	**399**	125	08/24/2022	ND	20.9	104	20.0	2.33	

TDS 160.1 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2250**	5.00	08/25/2022	ND	814	81.4	1000	1.93	

Sample ID: MONITOR WELL #2 (H223865-02)

Chloride, SM4500Cl-B mg/L Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**880**	4.00	08/25/2022	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*	**413**	125	08/24/2022	ND	20.9	104	20.0	2.33	

TDS 160.1 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2340**	5.00	08/25/2022	ND	814	81.4	1000	1.93	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	08/24/2022	Sampling Date:	08/19/2022
Reported:	08/26/2022	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 SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H223865-03)

Chloride, SM4500Cl-B mg/L **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**740**	4.00	08/25/2022	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*	**292**	50.0	08/24/2022	ND	20.9	104	20.0	2.33	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2060**	5.00	08/25/2022	ND	814	81.4	1000	1.93	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

H223865

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2022)	TIME
1	Monitor Well #1	G	1	X								1		8/19	12:10
2	Monitor Well #2	G	1	X								1		8/19	10:55
3	Monitor Well #3	G	1	X								1		8/19	9:30

ANALYSIS REQUEST

(Circle or Specify Method No.)

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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
																		X	X	X	
																		X	X	X	
																		X	X	X	

Relinquished by: Rozanne Johnson	Date: 8/24/22	Time: 8:20	Received by:	Date: 8/24/22	Time: 8:21
Relinquished by:	Date: 8/24/22	Time:	Received By: (Laboratory Staff)	Date: 8-24-22	Time: 0950

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

Sample Condition: Cool: Yes ☑ No ☐ Intact: Yes ☑ No ☐

CHECKED BY: (Initials) TB

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

REMARKS:

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

CARDINAL Laboratories

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

November 09, 2022

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 11/04/22 9:28.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/04/2022	Sampling Date:	10/31/2022
Reported:	11/09/2022	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 SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #1 (H225214-01)

Chloride, SM4500Cl-B mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**800**	4.00	11/07/2022	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*	**364**	125	11/07/2022	ND	19.6	98.0	20.0	4.22	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2040**	5.00	11/08/2022	ND	537	107	500	4.93	

Sample ID: MONITOR WELL #2 (H225214-02)

Chloride, SM4500Cl-B mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**850**	4.00	11/07/2022	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*	**486**	125	11/07/2022	ND	19.6	98.0	20.0	4.22	

TDS 160.1 mg/L **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**2420**	5.00	11/08/2022	ND	537	107	500	4.93	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/04/2022	Sampling Date:	10/31/2022
Reported:	11/09/2022	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 SEC 26 P ~ LEA CTY, NM		

Sample ID: MONITOR WELL #3 (H225214-03)

Chloride, SM4500Cl-B mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**630**	4.00	11/07/2022	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*	**239**	50.0	11/07/2022	ND	19.6	98.0	20.0	4.22	

TDS 160.1 mg/L Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1740**	5.00	11/08/2022	ND	537	107	500	4.93	

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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

Celey D. Keene, Lab Director/Quality Manager

Cardinal Laboratories, Inc.

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

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

H225214

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (2 40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2022)	TIME
1	Monitor Well #1	G	1	X								1		10/31	12:40
2	Monitor Well #2	G	1	X								1		10/31	11:15
3	Monitor Well #3	G	1	X								1		10/31	9:50

ANALYSIS REQUEST

(Circle or Specify Method No.)

	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, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
1																			X	X	X	
2																			X	X	X	
3																			X	X	X	

Relinquished by: Rozanne Johnson	Date: 11/4/2022	Time: 7:10	Received by:	Date: 11/4/2022	Time: 7:10
Relinquished by:	Date: 11/4/2022	Time:	Received By: (Laboratory Staff)	Date: 11-4-22	Time: 0908

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition: Cool: Yes / No; Intact: Yes / No

CHECKED BY: (Initials)

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

REMARKS:

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 202249

CONDITIONS

Operator:	OGRID:
RICE OPERATING COMPANY 122 W Taylor Hobbs, NM 88240	19174
	Action Number: 202249
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2022 Annual Report: Content satisfactory 1. Continue sampling on a semi-annual schedule at a minimum 2. Submit summarized activities completed and their results in a 2023 Annual Report. Submittal to OCD expected no later than April 1, 2024.	4/10/2023