

keyoakum@gmail.com

Report Email:  
 Copy Email:  
 Lab Report Fax No:  
 Lab Report Contact 1: (816) 918-9264  
 Lab Report Contact 2:  
 Customer ID No: 9322  
 Customer PO No:  
 Collected By: Client  
 Invoice No: 62216

Kathleen Yoakum  
 Preferred Well Drilling  
 29825 S Masterson Rd

Cleveland, MO 64734

**Report of Analysis**

Laboratory Report ID No:

**20532**

**Project Name:** Excelsior Springs

Item No.	Cat NO	ANALYSIS	COLLECTED	ANALYZED	REPORTING	LIMIT	RESULTS
	Line NO	SAMPLE TYPE	SAMPLE SITE NOTES		TEST METHOD		
1	6712	<b>Bacteria, MPN E.Coli</b>	10/22/24	10/23/24	1	CFU/100mL	<b>&lt;1</b>
	137688	Grab	#1		SM9223 B		CFU/100mL
2	6712	<b>Bacteria, MPN E.Coli</b>	10/22/24	10/23/24	1	CFU/100mL	<b>&lt;1</b>
	137689	Grab	#2		SM9223 B		CFU/100mL
3	6711	<b>Bacteria, MPN T Coliform</b>	10/22/24	10/23/24	1	CFU/100mL	<b>102</b>
	137687	Grab	#1		SM9223 B		CFU/100mL
4	6711	<b>Bacteria, MPN T Coliform</b>	10/22/24	10/23/24	1	CFU/100mL	<b>19</b>
	137690	Grab	#2		SM9223 B		CFU/100mL
5	15514	<b>Chloride as Cl</b>	10/22/24	10/23/24	10	mg/L	<b>69.5</b>
	137656	Grab	#1		SM4500 Cl- B-1997		mg/L
6	15514	<b>Chloride as Cl</b>	10/22/24	10/23/24	10	mg/L	<b>2765</b>
	137668	Grab	#2		SM4500 Cl- B-1997		mg/L
7	6333	<b>ICP Digestion</b>	10/22/24	10/23/24	0	N/A	<b>Complete</b>
	137663	Grab	Well Water		EPA 3005A		N/A
8	105809	<b>ICP Calcium</b>	10/22/24	10/31/24	1	mg/L	<b>88.87</b>
	137655	Grab	#1		EPA 6010C		mg/L
9	105809	<b>ICP Calcium</b>	10/22/24	10/31/24	1	mg/L	<b>36.29</b>
	137667	Grab	#2		EPA 6010C		mg/L
10	114712	<b>ICP Iron</b>	10/22/24	10/31/24	.1	mg/L	<b>0.156</b>
	137658	Grab	#1		EPA 6010C		mg/L

**Comments, if present, concern this Lab Work Order:**

The reported analytical results relate only to the sample submitted.

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**Blue Valley Laboratories, Inc.**  
**Report For: Preferred Well Drilling**

**Report of Analysis**

Report ID No: **20532**

Item No.	Cat NO	ANALYSIS	COLLECTED	ANALYZED	REPORTING LIMIT	RESULTS
	Line NO	SAMPLE TYPE	SAMPLE SITE NOTES		TEST METHOD	
11	114712	<b>ICP Iron</b>	10/22/24	10/31/24	.1 mg/L	<b>97.57</b>
	137670	Grab	#2		EPA 6010C	mg/L
12	105810	<b>ICP Magnesium</b>	10/22/24	10/31/24	1 mg/L	<b>6.435</b>
	137653	Grab	#1		EPA 6010C	mg/L
13	105810	<b>ICP Magnesium</b>	10/22/24	10/31/24	1 mg/L	<b>16.54</b>
	137665	Grab	#2		EPA 6010C	mg/L
14	114714	<b>ICP Manganese</b>	10/22/24	10/31/24	.02 mg/L	<b>&lt;0.02</b>
	137875	Grab	#1		EPA 6010C	mg/L
15	114714	<b>ICP Manganese</b>	10/22/24	10/31/24	.02 mg/L	<b>0.259</b>
	137876	Grab	#2		EPA 6010C	mg/L
16	6215	<b>ICP Potassium</b>	10/22/24	10/31/24	1.5 mg/L	<b>2.443</b>
	137661	Grab	#1		EPA 200.7	mg/L
17	6215	<b>ICP Potassium</b>	10/22/24	10/31/24	1.5 mg/L	<b>14.62</b>
	137673	Grab	#2		EPA 200.7	mg/L
18	105808	<b>ICP Sodium</b>	10/22/24	10/31/24	1 mg/L	<b>34</b>
	137877	Grab	#1		EPA 200.7	mg/L
19	105808	<b>ICP Sodium</b>	10/22/24	10/31/24	1 mg/L	<b>1379</b>
	137878	Grab	#2		EPA 200.7	mg/L
20	6599	<b>Nitrate as N</b>	10/22/24	10/23/24	.23 mg/L	<b>3.19</b>
	137664	Grab	#1		HACH 10206	mg/L
21	6599	<b>Nitrate as N</b>	10/22/24	10/23/24	.23 mg/L	<b>1.32</b>
	137675	Grab	#2		HACH 10206	mg/L
22	6058	<b>pH</b>	10/22/24	10/22/24	.1 S.U.	<b>7.23</b>
	137657	Grab	#1		SM4500 H B-2000	S.U.
23	6058	<b>pH</b>	10/22/24	10/22/24	.1 S.U.	<b>8.42</b>
	137669	Grab	#2		SM4500 H B-2000	S.U.
24	6238	<b>Solids, Total Dissolved</b>	10/22/24	10/25/24	10 mg/L	<b>473</b>
	137662	Grab	#1		SM2540 C-1997	mg/L
25	6238	<b>Solids, Total Dissolved</b>	10/22/24	10/25/24	10 mg/L	<b>4894</b>
	137674	Grab	#2		SM2540 C-1997	mg/L