

1/19/21

BRIAN COWAN, MPH, LEHS  
Health Officer/Executive Director



January 19, 2021

Randy Smith  
1317 N 7000 E  
Huntsville, UT 84317

RE: **Private Well Approval at:**  
7394 E 500 N  
Huntsville, UT 84317  
Parcel #21-008-0038

The application for approval of the above referenced well has been submitted for review to determine conformance to the Weber-Morgan District Health Department Regulations for Installation and Approval of Nonpublic Water System Serving 1-14 Connections.

The following have been submitted:

1. The Water Right Number: E5993 (35-13656)
2. Well driller license #920
3. The well is 165 feet deep with a "Bentonite Chip 3/8" seal to a depth of 30 feet.
4. The well yields 18 GPM with a 63-foot drawdown in 2 hrs.
5. The water samples for the partial inorganic analysis were submitted to Chemtech-Ford Laboratories on January 5, 2022. The water analysis was satisfactory.
6. A bacteriological water sample was collected by staff of this department on January 5, 2022. The water analysis was satisfactory.
7. This is not a shared well.

The required 100-foot protection zone around the well must be kept free from any septic tank absorption systems, garbage dumps, hazardous and toxic material storage or disposal sites, feedlots and other concentrated sources of pollution. We would recommend that a bacteriological sample be collected and submitted for analysis on an annual basis.

Based on compliance with the above requirements, the Health Department considers this an approved well for culinary purposes.

Please contact our office at (801) 399-7160 if you have further questions.

Sincerely,

Summer Day, LEHS III, Program Manager  
Division of Environmental Health

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Lab Sample No.: 22A0197-01

<b>Name:</b> Weber Morgan Health Department	<b>Sample Date:</b> 1/5/2022 10:30 AM
<b>Sample Site:</b> 7394 E. 500 N. Huntsville	<b>Receipt Date:</b> 1/5/2022 2:53 PM
<b>Comments:</b> Randy Smith	<b>Sampler:</b> Craig Jorgensen
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b> Randy Smith
<b>PO Number:</b>	<b>System No.:</b>
<b>Source Code:</b>	<b>Sample Point:</b>
	<b>Report to State:</b>

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
<b>Inorganic</b>								
Cyanide, Free	ND	0.2	0.016	mg/L	SM 4500 CN-E	01/10/2022	01/10/2022	
Fluoride	0.1	4	0.1	mg/L	EPA 300.0	01/05/2022	01/05/2022	
Nitrate as N	0.2	10	0.1	mg/L	EPA 300.0	01/05/2022 15:42	01/05/2022 19:49	
Nitrite as N	ND	1	0.1	mg/L	EPA 300.0	01/05/2022 15:42	01/05/2022 19:49	
Sulfate	6.7	250	1.0	mg/L	EPA 300.0	01/05/2022	01/05/2022	
Total Dissolved Solids (TDS)	128	1000	20	mg/L	SM 2540 C	01/06/2022	01/06/2022	
<b>Metals</b>								
Antimony, Total	ND	0.006	0.0005	mg/L	EPA 200.8	01/05/2022	01/07/2022	
Arsenic, Total	ND	0.01	0.0005	mg/L	EPA 200.8	01/05/2022	01/07/2022	
Barium, Total	0.047	2	0.005	mg/L	EPA 200.7	01/06/2022	01/10/2022	
Beryllium, Total	ND	0.004	0.001	mg/L	EPA 200.7	01/06/2022	01/10/2022	
Cadmium, Total	ND	0.005	0.0002	mg/L	EPA 200.8	01/05/2022	01/07/2022	
Chromium, Total	ND	0.1	0.005	mg/L	EPA 200.7	01/06/2022	01/10/2022	
Mercury, Total	ND	0.002	0.0002	mg/L	EPA 245.1	01/07/2022	01/10/2022	
Selenium, Total	ND	0.05	0.0005	mg/L	EPA 200.8	01/05/2022	01/07/2022	
Thallium, Total	ND	0.002	0.0002	mg/L	EPA 200.8	01/05/2022	01/07/2022	
<b>Microbiology</b>								
Coliform, Total	Absent		1	Org/100 mL	EPA 9223B	01/05/2022 15:30	01/06/2022 10:30	
E. Coli	Absent		1	Org/100 mL	EPA 9223B	01/05/2022 15:30	01/06/2022 10:30	