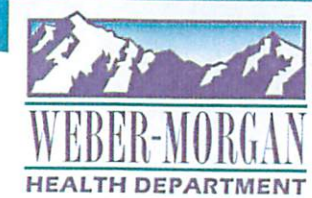


BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



January 2, 2018

Lonnie Martinez
2596 N 2075 W
Farr West, UT 84404

RE: **Private Well Approval at:**
4000 E 4800 N, Liberty, UT
Parcel #22-007-0096

Dear Mr. Martinez:

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: E5616 (35-13157)
2. Well driller license #881
3. The well is 120 feet deep with a "Neat Cement" seal to a depth of 30 feet.
4. The well yields 20 GPM with a 64 foot drawdown in 72 hr.
5. The water samples for the partial inorganic analysis were submitted to Chem Tech Ford Laboratory on December 13, 2017. The water analysis was satisfactory.
6. A bacteriological water sample was collected by staff of this department on December 13, 2017. 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, feed lots 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 399-7160 if you have further questions.

Sincerely,


Summer Day, LEHS III
Division of Environmental Health



CHEMTECH-FORD

Lab Sample No.: 17L0703-01

Name: Weber Morgan Health Department	Sample Date: 12/13/2017 11:20 AM
Sample Site: 4000 East 4800 North Liberty, UT	Receipt Date: 12/13/2017 2:22 PM
Comments: Lonnie Martinez	Sampler: Brett Bunderson
Sample Matrix: Drinking Water	Project:
PO Number:	System No.:
Source Code:	Sample Point:
	Report to State:

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic								
Cyanide, Free	ND	0.2	0.016	mg/L	SM 4500 CN-E	12/22/2017	12/22/2017	
Fluoride	0.2	4	0.1	mg/L	EPA 300.0	12/13/2017	12/13/2017	
Nitrate as N	ND	10	0.1	mg/L	EPA 300.0	12/13/2017 18:06	12/13/2017 18:06	
Nitrite as N	ND	1	0.1	mg/L	EPA 300.0	12/13/2017 18:06	12/13/2017 18:06	
Sulfate	11	250	1	mg/L	EPA 300.0	12/13/2017	12/13/2017	
Total Dissolved Solids (TDS)	228	1000	20	mg/L	SM 2540 C	12/14/2017	12/14/2017	
Metals								
Antimony, Total	ND	0.006	0.0005	mg/L	EPA 200.8	12/14/2017	12/15/2017	
Arsenic, Total	0.0018	0.01	0.0005	mg/L	EPA 200.8	12/14/2017	12/15/2017	
Barium, Total	0.124	2	0.005	mg/L	EPA 200.7	12/15/2017	12/18/2017	
Beryllium, Total	ND	0.004	0.001	mg/L	EPA 200.7	12/15/2017	12/18/2017	
Cadmium, Total	ND	0.005	0.0002	mg/L	EPA 200.8	12/14/2017	12/15/2017	
Chromium, Total	ND	0.1	0.005	mg/L	EPA 200.7	12/15/2017	12/18/2017	
Mercury, Total	ND	0.002	0.0002	mg/L	EPA 200.8	12/14/2017	12/15/2017	
Selenium, Total	ND	0.05	0.0005	mg/L	EPA 200.8	12/14/2017	12/15/2017	
Thallium, Total	ND	0.002	0.0002	mg/L	EPA 200.8	12/14/2017	12/15/2017	
Microbiology								
Chlorine Residual, Total	Absent			mg/L	Ortho-Tolidine	12/13/2017 15:30	12/13/2017 15:30	
Coliform, Total	Absent		1	Org/100 mL	EPA 9223B	12/13/2017 15:30	12/14/2017 15:30	
E. Coli	Absent		1	Org/100 mL	EPA 9223B	12/13/2017 15:30	12/14/2017 15:30	