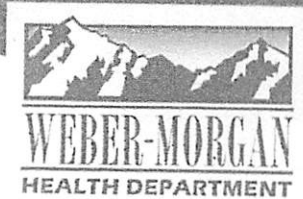


BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



December 19, 2018

John Mcfarland
3800 N 3900 E
Liberty, UT 84310

RE: **Private Well Approval at:**
4160 N 3800 E, Liberty UT
Parcel #22-010-0023

Dear Mr. Mcfarland:

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: E3360 (35-9941).
2. Well driller license #654, Sutton Drilling Inc.
3. The well is 110 feet deep with a "Bentonite Chip" seal to a depth of 18 feet and was constructed in 1995.
4. At the time of construction, the well yielded 20 GPM with a 55-foot drawdown in 1 hr.
5. The water samples for the partial inorganic analysis were submitted to Chemtech-Ford Laboratories on November 26, 2018. The water analysis was satisfactory.
6. A bacteriological water sample was collected by staff of this department on November 26, 2018. The resulting bacteriological test was found to be present for total coliform. The well was re-chlorinated and then resampled on December 13, 2018. 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,

Brett Bunderson, LEHS
Division of Environmental Health

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



August 10, 2018

Weber County Planning Commission
2380 Washington Blvd.
Ogden, UT 84401

RE: Justin McFarland
4160 N 3800 E Liberty, UT 84310
Parcel # 22-010-0023
Soil log # 14671

Gentlemen:

Culinary water will be provided by a private well. The placement of the well is critical so as to provide the required 100 foot protection zone around the well. The well will need to be dug, tested and the water supply approved prior to issuance of a wastewater disposal permit.

DESIGN REQUIREMENTS

Anticipated ground water tables are not expected to exceed 48 inches. Due to the gravelly loamy sand, single grain structure soil horizon beginning at 22 inches below grade with a percolation rate of 1.2 minutes per inch the property falls within the range of acceptability for the utilization of a Packed Bed Media System as a means of wastewater disposal. As defined in the Utah Administrative Code R317-4 Table 6 the absorption area is to be designed using a maximum loading rate of 0.65 gal/sq. ft./day as required for the sandy loam, granular structure soil horizon. Maximum absorption area depth is limited to 18 inches.

Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

The following items are required for a formal subdivision review; application, receipt of the appropriate fee, and a full sized copy of the subdivision plats showing the location of exploration pits and percolation tests as well as the documented soil horizons and percolation rates. A subdivision review will not occur until all items are submitted. Mylars submitted for signature without this information will be returned.

Each on-site individual wastewater disposal system must be installed in accordance with R317-4, Utah Administrative Code, Individual Wastewater Disposal Systems and Weber-Morgan District Health Department Rules. Final approval will be given only after an on-site inspection of the completed project and prior to the accomplishment of any backfilling.

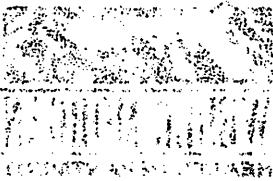
Please be advised that the conditions of this letter are valid for a period of 18 months. At that time the site will be re-evaluated in relation to rules in effect at that time.

Sincerely,

Brett Bunderson, LEHS
Environmental Health Division
801-399-7160

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phone: 801-399-7100 | fax: 801-399-7110 | 477 23rd Street, Ogden, UT 84401 | www.webermorganhealth.org



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U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF WATER POLLUTION CONTROL

Water Quality Management Administration
325 West Street
Washington, D.C. 20460

Mr. [Name] [Address] [City] [State] [Zip]

Dear Sir:

Reference is made to your letter of [Date] regarding [Subject]. The information provided by you is being reviewed and will be returned to you as soon as possible.

ATTENTION:

The information provided by you is being reviewed and will be returned to you as soon as possible. The information provided by you is being reviewed and will be returned to you as soon as possible.

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Sincerely,

[Name]
[Title]
[Address]