



July 31, 2018

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

RE: Kevin Schildhauer  
4186 N 3175 W  
Parcel #19-010-0086  
Soil log #13728

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on July 31, 2018. The exploration pit (s) is located at the referenced GPS coordinate and datum. The soil texture and structure, as classified using the USDA system, are as follows:

Exploration Pit #1 (UTM Zone 12T, Nad 83, 411735E 4576386N)  
0-24" Loam, granular structure  
24-58" sandy loam, weakly massive structure

Ground water depth encountered at 58 inches

Exploration pits should be backfilled immediately upon completion to prevent a hazardous environment that may cause death or injury to people or animals.

#### DESIGN REQUIREMENTS

Culinary water will be provided by Bona Vista Water Improvement District, an extension of an existing approved non-community water system. **A letter from the water supplier is required prior to issuance of a permit.**

Documented ground water tables not to exceed 12 inches, fall within the range of acceptability for the utilization of Mound or Packed Bed Media Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 0 inches. The absorption system is to be designed using a maximum loading rate of 0.5 gal/sq. ft. /day as required for the loam, granular structure soil horizon.


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, Administrative Code; Individual Wastewater Disposal Systems and Weber-Morgan District Department Rules. Final approval will be given only after an on-site inspection of the completed 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

BB/ee

1 Ac Lot

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

August 15, 2018



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

RE: Kevin Schildhauer (Lot #2)  
4186 N 3175 W  
Parcel #19-010-0086  
Soil log #13728

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on August 10, 2018. The exploration pit (s) is located at the referenced GPS coordinate and datum. The soil texture and structure, as classified using the USDA system, are as follows:

Exploration Pit #3 (UTM Zone 12T, Nad 83, 411641E 4576382N)  
0-30" Silt loam, granular structure  
30-34" Fine sandy loam, granular massive structure

Ground water depth encountered at 58 inches

Exploration pits should be backfilled immediately upon completion to prevent a hazardous environment that may cause death or injury to people or animals.

#### DESIGN REQUIREMENTS

Culinary water will be provided by Bona Vista Water Improvement District, an extension of an existing approved non-community water system. A letter from the water supplier is required prior to issuance of a permit.

Documented ground water tables not to exceeding 12 inches, fall within the range of acceptability for the utilization of a Wisconsin Mound Treatment System or a Packed Bed Media System followed by an At-Grade absorption area, as a means of wastewater disposal. Maximum absorption area depth is limited to 0 inches. As defined in the Utah Administrative Code R317-4 Table 6 the absorption area is to be designed using a maximum loading rate of 0.22 gal/sq. ft./day for a Wisconsin Mound absorption area, or 0.45 gal/sq. ft./day for the At-Grade absorption area as required for the silt loam, granular structure soil horizon. The absorption field must be located within 50 feet of test pit #3 (UTM Zone 12T, Nad 83, 411641E 4576382N).

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

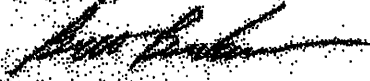
Each on-site individual wastewater disposal system must be installed in accordance with R317-4, Utah Administrative Code, Individual Wastewater Disposal Systems and Weber-Morgan District Health Department Rules. Final approval will be given only after an on-site inspection of the completed project and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

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phone: 801-399-7100 | fax: 801-399-7110 | 477 23rd Street, Ogden, UT 84401 | [www.webermorganhealth.org](http://www.webermorganhealth.org)

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 Anderson, LEHS  
Environmental Health Division  
801-399-7160