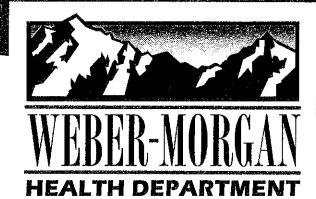


BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director

June 8, 2021



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

RE: Trevor Gailey
1351 S 2900 W
Parcel #15-060-0145
Soil log #15121

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on June 1, 2021. 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 #2 (UTM Zone 12 Nad 83 412123 E 4566211 N)
0-13" Loam, Granular Structure
13-32" Fine Sandy Loam, Blocky Structure
32-48" Fine Sandy Loam, Massive Structure

Exploration Pit #3 (UTM Zone 12 Nad 83 412080 E 4566142 N)
0-21" Loam, Granular Structure
21-35" Fine Sandy Loam, Blocky Structure
35-52" Fine Sandy Loam, Massive Structure

Exploration Pit #4 (UTM Zone 12 Nad 83 412026 E 4566145 N)
0-20" Loam, Granular Structure
20-32" Sandy Loam, Blocky Structure
32-45" Fine Sandy Loam, Massive Structure

Exploration Pit #5 (UTM Zone 12 Nad 83 411977 E 4566148 N)
0-24" Loam, Granular Structure
24-45" Loam, Massive Structure, Common Red Mottles

Exploration Pit #6 (UTM Zone 12 Nad 83 411938 E 4566148 N)
0-26" Loam, Granular/Blocky Structure
26-46" Loam, Massive Structure, Common Red Mottles

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

Lots 1-6: Culinary water will be provided by Taylor-West Weber Water Improvement District, an approved public 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 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. The absorption area is to be designed using a maximum loading rate of 0.22 gal/ft²/day for a Wisconsin Mound absorption area, or 0.45 gal/ft²/day for the At-Grade absorption area as required for the fine sandy loam, massive structure soil horizon.

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ENGINEERING CONSIDERATIONS

Many ditches are located adjacent to the current property lines of this parcel. Wisconsin Mound absorption areas are required to maintain a 100-foot setback to any open ditches or other surface water features. This setback is reduced to 50 feet for Packed Bed Media systems.

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,



Ryan Klinge
Environmental Health Division
801-399-7160