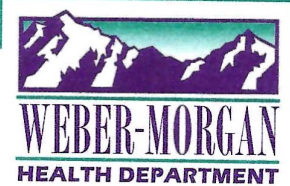


BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director



December 5, 2022

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

RE: Preliminary Subdivision **Determination**
Shawn's Subdivision, 1 Lot
Approx 111 N 3600 W Ogden, UT
Parcel #15-028-0054
Soil log #15453

Gentlemen:

The soil and percolation information for the above-referenced lot have been reviewed. 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.**

DESIGN REQUIREMENTS

Anticipated ground water tables not to exceed 60 inches and soils with a percolation rate of 120 minutes per inch, fall within the range of acceptability for the utilization of a Packed Bed Media Treatment System as a means of wastewater disposal. Maximum trench depth is limited to 18 inches. The absorption field is to be designed using a maximum loading rate of 0.35 gal/ft²/day as required for the clay loam, blocky structure soil horizon with a documented percolation rate of 120 minutes per inch.

ENGINEERING REQUIREMENTS

A prior test pit on the northern portion of this property (Soil Log 14326) and Exploration Pit #1 of this soil log (Soil Log 15453) failed percolation testing and a drainfield may not be placed in these areas. **The drainfield must be placed on the southern portion of the property where the site and soil evaluation for Exploration Pit #2 was conducted [UTM Zone 12 Nad 83 410312 E 4568682 N]. The location of Exploration Pit #2 must be clearly shown on the onsite wastewater system plans.**

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.

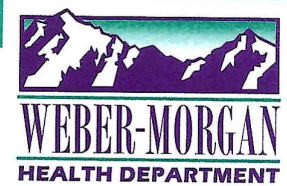
Sincerely,

Ryan Klinge
Environmental Health Division
801-399-7160

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BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director

November 2, 2022



Shawn Monson
3949 Saunton Circle
Syracuse, Utah 84075

RE: Wastewater Site and Soils Evaluation #15453
Approx 111 N 3600 W Ogden, UT
Parcel # 15-028-0054

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on November 1, 2022. 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 12 Nad 83 410313 E 4568717 N)
0-22" Sandy Loam, Granular/Blocky Structure
22-50" Clay Loam, Blocky Structure
50-112" Silt Loam, Massive Structure

Conduct the required percolation test so that the bottom of the percolation test hole is at 34 & 62 inches deep from the original grade.

Exploration Pit #2 (UTM Zone 12 Nad 83 410312 E 4568682 N)
0-19" Gravelly Sandy Loam, Granular Structure, 30%
19-64" Clay Loam, Blocky Structure
64-112" Silt Loam, Massive Structure

Conduct the required percolation test so that the bottom of the percolation test hole is at 31 & 76 inches deep from the original grade.

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

Due to the soil types existing on this property, the final readings of the **percolation tests will need to be witnessed by a representative from the Health Department**. Please make the percolation tester aware of the requirement so that arrangements can be made. Test results will not be accepted if this requirement is not met.

Percolation tests may be completed by any individual on the enclosed list. The stabilized percolation test results are to be submitted to this office for review prior to the recommendation for further development to the appropriate planning agency or prior to the issuance of a wastewater disposal permit.

Monitoring of the maximum ground water table is required in the location of the above listed exploration pits. Please complete the enclosed application for maximum ground water table monitoring and return it along with the appropriate fees. The wells should be constructed in accordance with the enclosed diagram in order to provide the most accurate water table readings possible.

If you have any further questions, contact this office at your convenience.

Sincerely,

Ryan Klinge
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