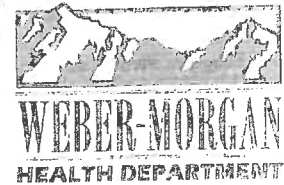


BRIAN W. BENNION, M.P.A., I.E.H.S.
Health Officer/Executive Director

November 21, 2019



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

RE: Preliminary Subdivision **Determination**
Family Dreams, 2 lots
Parcel #21-007-0015
Soil log #14713

Gentlemen:

The soil and percolation information for the above-referenced lot have been reviewed. 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.** The well will need to be dug, tested and the water supply approved prior to issuance of a wastewater disposal permit.

DESIGN REQUIREMENTS

Lot 1&2: Due to the gravelly clay loam, blocky structure soil horizon beginning at 18-23 inches below grade with a percolation rate of 96-120 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 0.35 gal/sq. ft./day. The maximum absorption area depth is limited 30 inches for the Packed Bed Media System followed by a conventional absorption trench, or 113 for a Packed Bed Media System followed by a deep wall trench.

ENGINEERING CONSIDERATIONS:

Ground water tables has been documented within 6 inches of the ground surface in the low lying areas of this property. The GPS points of the water monitoring ports where these ground water levels were observed are UTM Zone 12 Nad83 435743 E 4568684 N and 435720 E 4568680 N. A minimum horizontal separation distance of 12 inches must be maintained from the elevation of these point and the bottom of the absorption trench following a Packed Bed Media System.

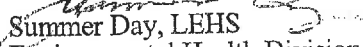
Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

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,


Summer Day, LEHS
Environmental Health Division
801-399-7160

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