

BRIAN COWAN, MPH, LEHS  
Health Officer/Executive Director

February 20, 2024



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

RE: Preliminary Subdivision **Determination**  
Liberty Dreams Subdivision, 1 lot  
Parcel #22-015-0086  
Soil log #15149

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

Anticipated ground water tables not to exceed 48 inches, fall within the range of acceptability for the utilization of a Conventional Treatment System as a means of wastewater disposal. Maximum trench depth is limited to 18 inches. The absorption field in the area of exploration pit #2 (UTM Zone 12T, Nad 83, 0429048E 4576177N) is to be designed using a maximum loading rate of 0.40 gal/sq. ft./day as required for the clay loam, blocky structure soil horizon. The absorption field is restricted within 50 feet of exploration pit #2 due to highly restrictive soils to the east, where exploration pit #1 was located. The absorption field in the area of exploration pit #3 (UTM Zone 12T, Nad 83, 0429039E 4576255N) is to be designed using a maximum loading rate of 0.40 gal/sq. ft./day as required for the gravelly sandy clay loam, massive 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, 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, Program Manager  
Environmental Health Division  
801-399-7160

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