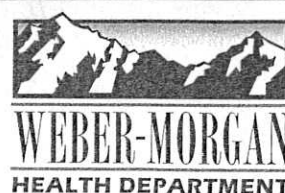


BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



February 4, 2019

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

RE: Old Snowbasin Ranch, 2 Lots
5715 N Old Snowbasin Road, Huntsville, UT 84050
Parcel #20-035-0021, 20-035-0059, 20-040-0005, & 20-040-0006
Soil Log 14682& 14264

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: Anticipate ground water tables not to exceed 12 inches, fall within the range of acceptability for the utilization of a Mound 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 0.22 gal/sq. ft. /day as required for the clay loam, massive structure soil horizon. The system must be designed for installation in the area of Exploration Pit #5 located at UTM zone 12T Nad 83 432243 E 4565151 N

Lot 2: Anticipate ground water tables not to exceed 36 inches, fall within the range of acceptability for the utilization of a Packed Bed Media Pretreatment System followed by a drip irrigation disposal system as a means of wastewater disposal. Maximum trench depth is limited to 6 inches below original grade. The absorption system is to be designed using a maximum loading rate of 0.4 gal/sq. ft. /day as required for the loam (near clay loam), blocky structure soil horizon.

The determination of the system type has been based on the depth of which mottling has been identified during the site and soil evaluation process, thus defining the depth of anticipated ground water. The soil layers located at a depth of 38 inches and below observed during the site and soil evaluation are high clay, slow moving soil types anticipated to exceed the permissible limit for an onsite wastewater treatment system. The Packed Bed Media pretreatment system is permissible with a minimum of 36 inches of suitable soils and a minimum separation distance of 12 inches between bottom of trench and anticipated ground water.


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