

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



October 7, 2020

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

RE: Preliminary Subdivision **Determination**
Red Rock Subdivision, 3 lots
Parcel #23-007-0003
Soil log #14226

Gentlemen:

The soil and percolation information for the above-referenced lot have been reviewed. Culinary water will be provided by Camp Redcliff Water System, an approved transient non-community public water system. **A letter from the water supplier has been submit as part of the subdivision review process**

DESIGN REQUIREMENTS

Lot 1-3: Documented ground water tables not to exceed 62 inches at 5400-5405 feet in elevation, fall within the range of acceptability for the utilization of a Conventional Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 18 inches. The absorption system is to be designed using a maximum loading rate of 0.65 gal/sq. ft./day as required for a sandy loam, granular structure soil horizon. This property is adjacent to the south fork of the Ogden River. The certified onsite wastewater designer will need to include the FEMA flood zone delineation as well as a reference to water table monitoring pipe 1N (UTM zone 12T Nad83 448217E 4571353N).

ENGINEERING REQUIREMENTS:

During the water table monitoring process a single pipe referenced to as 1N, located at UTM zone 12T Nad83 448217E 4571353N was observed to have water at a peak of 62.75 inches below grade. A topographic map with 5 foot contours has been submitted to our office for the property. Pipe 1N is located between 5400 feet and 5405 feet. The absorption trench will need to be designed to maintain a minimum of twenty-four inches between the elevation of observed water table and bottom of trench; or twelve inches if a Packed Bed Media system is utilized. It is suggested that the water table monitoring pipe 1N is not removed from its location at this time, as it may reduce potential surveying cost.


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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