

BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director

March 3, 2023



Weber County Planning Commission
2380 Washington Blvd.
Ogden, UT 8

RE: Preliminary Subdivision **Determination (updated 3/3/2023)**
Harmony Ranch Subdivision, 9 lots
Parcel #22-023-0150
Soil log #10704, 11168, 13092, 13289, & 15264

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 1-9: Anticipated ground water tables not to exceed 60 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 24 inches. The absorption field is to be designed using a maximum loading rate of 0.45 gal/sq. ft./day as required for the silty loam, granular structure soil horizon.

Engineering Considerations Lot 4, 6 & 7:

The onsite wastewater system design for these lots will need to be engineered to maintain the minimum separation distance of 100 feet, between original and replacement drainfield and the seasonal stream.

Engineering Considerations Private wells:

Please be aware of the Weber County Code Part II Land Use Code Chapter 106 Section 106-4.2.1 which includes minimum requirements for culinary and secondary water supplies in new subdivision. Utilizing shared wells may have engineering difficulties due to the topography of the subdivision. Maintaining minimum pressured to the residence may be problematic.


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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