

BRIAN COWAN, MPH, LEHS  
Health Officer/Executive Director

September 21, 2021



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

RE: Preliminary Subdivision **Determination**  
Harmony Ranch Cluster Subdivision, 16 lots  
Parcel #22-023-0150  
Soil log #10704, 11168, 13092, &13289

The soil and percolation information for the above-referenced lot have been reviewed. Culinary water will be provided by Nordic Valley Water Company, an approved water system. **A letter from the water supplier is required prior to issuance of a permit**

DESIGN REQUIREMENTS

Lot 1-6 & 8-16: 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 8 & 9:

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 storm water detention pond located on lot 9. Both lots have area outside of the minimum setback. However, dependent on size and location of home, slope, driveway and utilities a packed bed media system may be required to design a code complaint system. This is based on a reduce separation distance of 50 feet between packed bed media system and open waterways.

**Lot 7 (NOT APPROVED):** Before feasibility can be given by Weber-Morgan Health Department on this lot soil work will need to be performed within the lots proposed boundaries. Extensive soil work has been performed historically on this parcel. Unfortunately after comprehensive review it has been determined that at no time has soil work been completed within the boundaries of proposed lot 7. Utah Administrative code required each lot to have a soil exploration pit and percolation test (if required by R317-4 Table 6) to be performed before approval of a subdivision.

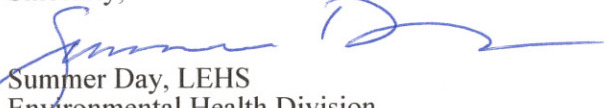
*UAC* Onsite Wastewater Regulation, Feasibility Determination: R317-4-4.2C. Each proposed lot shall have at least one soil exploration pit, percolation test, or both.

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.

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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