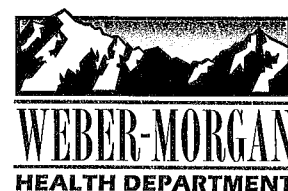


BRIAN COWAN, MPH, LEHS  
Health Officer/Executive Director

July 9, 2021



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

RE: Preliminary Subdivision **Determination**  
Sky Ranch Subdivision, 5 lots  
Parcel #21-009-0001, 21-009-0002, 21-005-0048, 21-009-0003, & 21-005-0008  
Soil log #15179

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: Anticipated ground water tables not to exceed 60 inches, 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 12 inches. The absorption system is to be designed using a maximum loading rate of 0.45 gal/sq. ft. /day as required for a silt loam, massive structure soil horizon with a documented percolation rate of 10.90 MPI.

Lot 2: Anticipated ground water tables not to exceed 60 inches, 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 12 inches. The absorption system is to be designed using a maximum loading rate of 0.45 gal/sq. ft. /day as required for a sandy loam, massive structure soil horizon.

Lot 3: Anticipated ground water tables not to exceed 60 inches, 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 12 inches. The absorption system is to be designed using a maximum loading rate of 0.50 gal/sq. ft. /day as required for a fine sandy loam, blocky structure soil horizon.

Lot 4: Anticipated ground water tables not to exceed 60 inches, 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 12 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, blocky structure soil horizon.

Lot 5: Anticipated ground water tables not to exceed 60 inches, 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 12 inches. The absorption system is to be designed using a maximum loading rate of 0.45 gal/sq. ft. /day as required for a sandy 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

**EDUCATE | ENGAGE | EMPOWER**

phone: 801-399-7100 | fax: 801-399-7110 | 477 23rd Street, Ogden, UT 84401 | [www.webermorganhealth.org](http://www.webermorganhealth.org)

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,

A handwritten signature in black ink, appearing to read 'C. Jorgensen', followed by a long horizontal line extending to the right.

Craig Jorgensen, LEHS  
Environmental Health Division  
801-399-7160