

BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director

June 21, 2021



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

RE: Preliminary Subdivision **Determination**
Gateway Estates Phase 1, 10 lots
Parcel #01-004-133
Soil log #14414

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, 2, 5, 6, 7, 9: Anticipated ground water tables not to exceed 75 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 24 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 clay loam, blocky structure soil horizon with a documented percolation rate of less than 60 minutes per inch.

Lot 3, 4, 8, 9, & 10: Anticipated ground water tables not to exceed 75 inches, fall within the range of acceptability for the utilization of a Packed Bed Media Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 24 inches. The absorption system is to be designed using a maximum loading rate of 0.4 gal/sq. ft. /day as required for a sandy clay loam, massive structure soil horizon with a documented percolation rate between 60-80 minutes per inch.

Proof of 20,000 square feet of contiguous buildable area with 25% slope or less for each lot within this phase of the development, was provided by a licensed engineering firm.

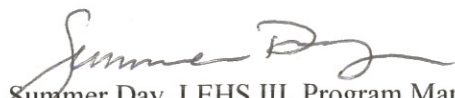
Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

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 III, Program Manger
Environmental Health Division
801-399-7160

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