

BRIAN COWAN, MPH, LEHS  
Health Officer/Executive Director



June 9, 2022

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

RE: Preliminary Subdivision **Determination**  
Vaquero Village Phase 2, 15 lots  
Parcel #10-036-0066  
Soil log #15001

Gentlemen:

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

#### DESIGN REQUIREMENTS

Lot 1-15: Documented ground water tables not to exceeding 12 inches, fall within the range of acceptability for the utilization of a Packed Bed Media System followed by a drip irrigation absorption area, as a means of wastewater disposal. Maximum absorption area depth is limited to 0 inches. The absorption field is to be designed using a maximum loading rate of 0.35 gal/sq. ft./day as required for the silty clay loam, weak sub-angular blocky structure soil horizon. The proposed **Large Underground Wastewater Disposal System (LUWDS)** absorption area is limited to the western most group of ground water monitoring wells, referred to by our office as monitoring wells 14 (UTM zone 12 NAD 83 403,280E 4,567,753N), 15 (UTM zone 12 NAD 83 403,155E 4,567,647N), and 16 (UTM zone 12 NAD 83 403,166E 4,567,782N)

#### ENGINEERING CONSIDERATIONS

If the "Opens Space E" is intended to be utilized as a park with restrooms, then the LUWDS should be design with the capacity to facilitate that intended use.

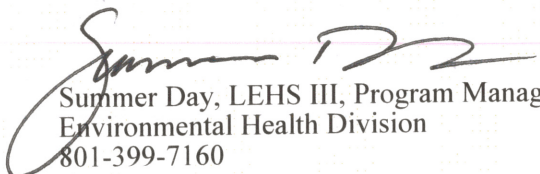
Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

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 Manager  
Environmental Health Division  
801-399-7160

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