

BRIAN W. BENNION, M.P.A., L.E.H.S.  
Health Officer/Executive Director



May 3, 2016

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

RE: Preliminary Subdivision Feasibility  
East Lake Meadows, 5 lots  
Parcel #21-026-00120 & 21-026-0121  
Soil log #14322

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, 3, & 5: Anticipated ground water tables not to exceed 30 inches, and highly permeable soil with a documented percolation rate excess of 5 minutes/inch near surface, fall within the range of acceptability for the utilization of a Packed Bed Media Wastewater Disposal System using Non-Chemical Disinfection followed by a conventional drainfield as a means of wastewater disposal. Maximum trench depth is limited to 18 inches. The absorption system is to be designed using a maximum loading rate of 0.65 gal/sq. ft. /day as required for the sandy loam, granular structure, 10% gravel soil horizon.

Lot 2: Anticipated ground water tables not to exceed 30 inches, and suitable soils to a depth of 36 inches below surface, fall within the range of acceptability for the utilization of a Mound Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 0 inches. The absorption system is to be designed using a maximum loading rate of 0.32 gal/sq. ft. /day as required for the sandy loam, granular structure, 10% gravel soil horizon.

Lot 4: Anticipated ground water tables not to exceed 30 inches, and suitable soils to a depth of 48 inches below surface, fall within the range of acceptability for the utilization of an At-grade Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 0 inches. The absorption system is to be designed using a maximum loading rate of 0.65 gal/sq. ft. /day as required for the sandy loam, granular structure, 10% gravel soil horizon.

Ensure that the portion of Lot 3 which is impaired by the **well head protection easement** given to the adjacent property owner is clearly denoted on the official Mylar.

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.

**All subdivisions plats** submitted for review are to show the location of exploration pits and percolation tests as well as the documented soil horizons and percolation rates. 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,

A handwritten signature in black ink, appearing to read "Summer Day", with a stylized flourish at the end.

Summer Day, LEHS  
Environmental Health Division  
801-399-7160