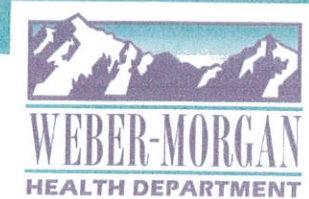


BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director



May 24, 2021

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

RE: Preliminary Subdivision **Determination**
Westwood Eden LLC, 4 lots
Parcel #21-005-0030
Soil log #15138

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: Documented ground water tables not to exceed 36 inches, and soil classified as Type 1, fall within the range of acceptability for a Packed Bed Media Treatment System with non-chemical disinfection followed by a conventional trench with a maximum trench depth limited to 18 inches. The absorption system is to be designed using a maximum loading rate of 0.5 gal/sq. ft. /day as required for a gravelly fine sandy loam, granular structure soil horizon.

Lot 2, 3, 4: Documented ground water tables not expected to exceed 36 inches. Due to the gravelly loamy sand, single grain structure, soil horizon beginning at 24 inches below grade the property falls within the range of acceptability for the utilization of a Mound Treatment System or a Packed Bed Media System with non-chemical disinfection as a means of wastewater disposal. As defined in the Utah Administrative Code R317-4 Table 6 the absorption area is to be designed using a maximum loading rate of 0.25 gal/sq. ft./day for a Mound absorption area, or 0.5 gal/sq. ft./day for the Packed Bed Media absorption area as required for the sandy loam, massive structure soil horizon. Maximum absorption area depth is limited to 0 inches for the Mound system and 18 inches for the Packed Bed Media System.


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
Environmental Health Division
801-399-7160

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Exploration pits should be backfilled immediately upon completion to prevent a hazardous environment that may cause death or injury to people or animals.

Due to the soil types existing on this property, the final readings of the **percolation tests will need to be witnessed by a representative from the Health Department**. Please make the percolation tester aware of the requirement so that arrangements can be made. Test results will not be accepted if this requirement is not met.

Percolation tests may be completed by any individual on the enclosed list. The stabilized percolation test results are to be submitted to this office for review prior to the recommendation for further development to the appropriate planning agency or prior to the issuance of a wastewater disposal permit.

If you have any further questions, contact this office at your convenience.

Sincerely,



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