



April 27, 2020

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

RE: James Adam Stuart  
3623 E 4100 N  
Parcel # 22-359-0002  
Soil log #14959

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on April 24, 2020. The exploration pit is located on the enclosed plat developed during the site evaluation along with the assigned numerical code for each exploration pit. The soil horizons, required percolation depths, actual and anticipated maximum ground water tables have been logged as follows:

Exploration Pit #1 (UTM Zone 12 Nad 83 0427957 E 4576051 N)  
0-36" Loam, Granular Structure  
36-56" Loam, Blocky Structure  
56-100" Sandy Loam, Weak Massive Structure  
100-125" Coarse Loamy Sand, Single Grain Structure, 5% gravel

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

#### DESIGN REQUIREMENTS

Culinary water will be provided by Liberty Pipeline Water Improvement District, an extension of an existing approved non-community water system. A letter from the water supplier is required prior to issuance of a permit.

Anticipated ground water tables not to exceed 48 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 18 inches. The absorption system is to be designed using a maximum loading rate of 0.5 gal/sq. ft. /day as required for the loam, granular 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

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 the time.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'C. Jorgensen', followed by a long horizontal line.

Craig Jorgensen  
Environmental Health Division  
801-399-7160