



June 19, 2019

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

RE: ESPL Investments LLC
Approx. 8008 E 500 S
Parcel # 21-026-0125
Soil log #14731 & 14796

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on June 19, 2019. The exploration pit(s) is located at the referenced GPS coordinate and datum. The soil texture and structure, as classified using the USDA system, are as follows:

Exploration Pit #1 (UTM Zone 12 Nad 83 0436646 E 4567527 N)
0-24" Sandy Loam, Granular Structure
24-44" Sandy Loam, Weak Massive Structure
Groundwater at 44"

Exploration Pit #2 (UTM Zone 12 Nad 83 0436692 E 4567584 N)
0-32" Sandy Loam, Granular Structure
32-45" Sandy Loam, Weak Massive Structure
Groundwater at 45"

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 Huntsville Town 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 exceeding 12 inches, fall within the range of acceptability for the utilization of a Wisconsin Mound Treatment System or a Packed Bed Media System followed by an At-Grade absorption area, as a means of wastewater disposal. Maximum absorption area depth is limited to 0 inches. As defined in the Utah Administrative Code R317-4 Table 6 the absorption area is to be designed using a maximum loading rate of 0.32 gal/sq. ft./day for a Wisconsin Mound absorption area, or 0.65 gal/sq. ft./day for the At-Grade absorption area as required for the sandy 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 that 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 horizontal line extending to the right.

Craig Jorgensen
Environmental Health Division
801-399-7160