



March 24, 2020

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

RE: Preliminary Subdivision **Determination**
Butler Subdivision, 4 lots
Parcel #15-086-0030
Soil log #14122

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on November 19, 2014 and March 23, 2020. 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, completed November 19, 2014 (UTM Zone 12 Nad 83 0408282 E 4562964 N)
0-18" loam, granular structure, 5% fine gravel
18-44" sandy loam, massive structure,
44-68" sandy loam, many mottles throughout @ 45 inches
Ground water @ 68"

Exploration Pit #2, completed November 19, 2014 (UTM Zone 12 Nad 83 0408240 E 4522966 N)
0-08" loam, granular structure
08-63" sandy loam, massive structure
63-73" sandy loam, mottling @ 64 inches
Ground water @ 73"

Exploration Pit #3, completed November 19, 2014 (UTM Zone 12 Nad 83 0408222 E 4563049 N)
0-16" loam, granular structure
17-48" sandy loam, massive structure
48-72" sandy loam, mottling @ 60 inches
Ground water @ 71"

Exploration Pit #4, completed March 23, 2020 (UTM Zone 12 Nad 83 0436137 E 4569006 N)
0-11" loam, granular structure
11-29" sandy loam, massive structure
29-65" sandy loam, horizon as a is light gray to white indicating saturated conditions. The soil were evaluated in early springs soil were wet at time of evaluation.

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

DESIGN REQUIREMENTS

Culinary water will be provided by Taylor-West Weber 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.**

Lot 1: Has an existing home, serviced by an approved onsite wastewater system which was given final approval by this office in June 1972, under permit number W72160.

Lot 2-4: Documented ground water tables not to exceed 12 inches, 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 0.22 gal/sq. ft. /day as required for the sandy loam, massive structure soil horizon.

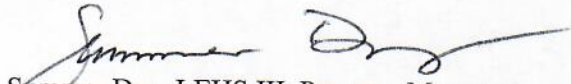
Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

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.

Sincerely,



Summer Day, LEHS III, Program Manager
Environmental Health Division
801-399-7160