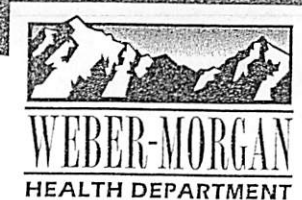


BRIAN W. BENNION, M.P.A., L.E.H.S.  
Health Officer/Executive Director



September 6, 2018

Jared Montgomery  
1618 N 750 W  
Harrisville, UT 84404

RE: Wastewater Site and Soils Evaluation #14738  
4500 N 3300 E, Liberty, UT 84310  
Parcel # 22-007-0013

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on September 6, 2018. 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 0427278 E 4576599 N)  
0-24" Coarse sandy loam, blocky structure, 45% gravel  
24-36" Coarse sandy loam, weak blocky structure, 40% gravel  
36-87" Coarse loamy sand, single grain structure, 75% gravel

Exploration Pit #2 (UTM Zone 12 Nad 83 0427276 E 4576676 N)  
0-23" Coarse sandy loam, blocky structure, 45% gravel  
23-37" Coarse sandy loam, weak blocky structure, 40% gravel  
37-81" Coarse loamy sand, single grain structure, 70% gravel

Exploration Pit #3 (UTM Zone 12 Nad 83 0427259 E 4576897 N)  
0-12" Coarse sandy loam, blocky structure, 35% gravel  
12-44" Coarse sandy loam, weak blocky structure, 45% gravel  
44-81" Coarse loamy sand, single grain structure, 75% 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.

Conduct the required percolation test so that the bottom of the percolation test hole is at **42 inches** deep from the original grade in the area of exploration pit #2. Due to the similarities of the soils of each exploration pit, one percolation test will be required for the evaluated lot.

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.