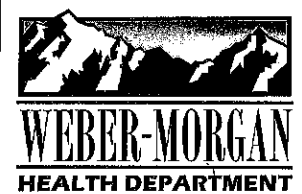


BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



June 15, 2016

Matthew Shupe
3930 N 3500 E
Liberty, UT 84310

RE: Wastewater Site and Soils Evaluation #14355
4400 N 2900 E, Liberty
Parcel # 22-008-0060

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on June 13, 2016. 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 #2 (UTM Zone 12 Nad 83 0426300 N 4576769 E)
0-12" Clay loam, granular structure
12-65" Gravelly Clay loam, massive structure, 20% gravel
65-144" Gravelly Sandy Clay loam, massive structure, 35% 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.

If you would like to pursue further investigation, conduct the required percolation test so that the bottom of the percolation test hole is at **36 & 78 inches** deep from the original grade.

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.

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.

Monitoring of the maximum ground water table is required in the location of the above listed exploration pits. Please complete the enclosed application of maximum ground water table monitoring and return it along with the appropriate fees. The wells should be constructed in accordance with the enclosed diagram in order to provide the most accurate water table readings

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possible. Each group of monitoring wells can be for an area not exceeding 600 feet or approximately a 3 acre area.

Provide evidence that 20,000 sq. ft. of contiguous buildable area with a slope of less than 15-25 % is available.

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

Sincerely,

A handwritten signature in cursive script that reads "Brian Cowan". The signature is written in black ink and is positioned below the word "Sincerely,".

Brian Cowan, LEHS
Environmental Health Division
801-399-7160

BC/gk