

April 3, 2013

Kade Bambrough
5162 S 5950 W
Hooper, UT 84315

RE: Wastewater Site and Soils Evaluation #13915
4202 W 3600 N, Ogden
Parcel #19-009-0031

Dear Mr. Bambrough:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on March 22, 2013. The exploration pit (s) is located at the referenced GPS coordinate and datum. The soil horizons, required percolation depths, actual and anticipated maximum ground water tables have been logged as follows:

Exploration Pit #1_A (UTM Zone 12 Nad 83 (12T) 049780 E 4575864 N

0-11" Sandy loam, granular structure
11-21" Sandy loam, massive structure
21-24" Loamy sand, (compacted organic material, platy structure)
24-33" Silty clay loam, platy structure, hard pan
33-52" Loamy sand, Massive structure

Exploration pit not to be tested, hard pan and compacted organic layer were found to be limited to that area, and were not observed to be lateral continuous.

Exploration Pit #1_B (UTM Zone 12 Nad 83 (12T) 0409784 E 4575890 N

0-7" Sandy loam, granular structure
4-42" sandy loam, massive structure

Conduct the percolation tests so that the bottom of the percolation test holes are at 24 inches deep from the original grade.

Exploration Pit #2 (UTM Zone 12 Nad 83 (12T) 049775 E 4575917 N

0-9" Sandy loam, granular structure
9-49" sandy loam, massive structure (redox color change at 30 inches)

Conduct the percolation tests so that the bottom of the percolation test holes are at 24 inches deep from the original grade.

Exploration Pit #3 (UTM Zone 12 Nad 83 (12T) 0409781 E 4576027 N

0-5" Sandy loam, granular structure
5-55" sandy loam, massive structure

Conduct the percolation tests so that the bottom of the percolation test holes are at 24 inches deep from the original grade.

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.