April 4, 2016

Bradford J Dobson
3086 S 800 W
Syracuse, UT 84075

RE: Wastewater Site and Soils Evaluation #14322
500 S 8600 E, Huntsville
Parcel # 21-026-0120, 21-026-0121

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on April 4, 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 #1 (UTM Zone 12 Nad 83 437972 E 4567074 N)
0–19" Sandy loam, granular structure, 10% gravel
19-88" Gravely loamy sand, single grained, 50-75% gravel, cobbles, and boulders
Conduct the required percolation test so that the bottom of the percolation test hole is at **36 inches** deep from the original grade.

Exploration Pit #2 (UTM Zone 12 Nad 83 438012 E 4567276 N)
0–62" Gravely sandy loam, granular structure, 50% gravel and cobbles
62-93" Gravely loamy sand, single grained, 50-75% gravel, cobbles, and boulders

Exploration Pit #3 (UTM Zone 12 Nad 83 437931 E 4567304 N)
0–27" Sandy loam, granular structure, 10% gravel
28-83" Gravely loamy sand, single grained structure, 50-75% gravel, cobbles, and boulders
Conduct the required percolation test so that the bottom of the percolation test hole is at **42 inches** deep from the original grade.

Exploration Pit #4 (UTM Zone 12 Nad 83 437888 E 4567227 N)
0–12" Sandy loam, granular structure, 10% gravel
12-34" Fine sandy loam, massive structure
34-92" Gravely loamy sand, single grained structure, 50-75% gravel, cobbles, and boulders
Conduct the required percolation test so that the bottom of the percolation test hole is at **48 inches** deep from the original grade.

Exploration Pit #5 (UTM Zone 12 Nad 83 437871 E 4567176 N)
0–13" Sandy loam, granular structure, 10% gravel
13-21" Fine sandy loam, massive structure
21-85" Gravelly loamy sand, single grained structure, 50-75% gravel, cobbles and boulders
Conduct the required percolation test so that the bottom of the percolation test hole is at **36 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.

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.

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

Sincerely,

Scott Braeden, LEHS
Environmental Health Division
801-399-7160

SB/nm