



June 11, 2021

Alexander Cheung  
4059 Nordic Valley Dr.  
Liberty, Utah 84310

RE: Wastewater Site and Soils Evaluation #15207  
Approx 5100 N 3500 E Liberty, UT  
Parcel # 22-007-0082 & 22-007-0083

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on June 11, 2021. 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 (UTM Zone 12 Nad 83 0427609 E 4578136 N)  
0-36" Gravelly Sandy Loam, Granular Structure, 55% Gravel  
36-84" Gravelly Coarse Loamy Sand, Single Grain Structure, 75% Gravel and some Cobble

**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 #2 (UTM Zone 12 Nad 83 0427656 E 4578126 N)  
0-21" Gravelly Sandy Loam, Granular Structure, 55% Gravel  
21-78" Gravelly Coarse Loamy Sand, Single Grain Structure, 75% Gravel and some Cobble

Exploration Pit #3 (UTM Zone 12 Nad 83 0428480 E 4575136 N)  
0-23" Gravelly Sandy Loam, Granular Structure, 50% Gravel  
23-79" Gravelly Coarse Loamy Sand, Single Grain Structure, 75% Gravel and some Cobble

**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 to prevent a hazardous environment that may cause death or injury to people or animals.

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.

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

Sincerely,

Craig Jorgensen  
Environmental Health Division  
801-399-7160