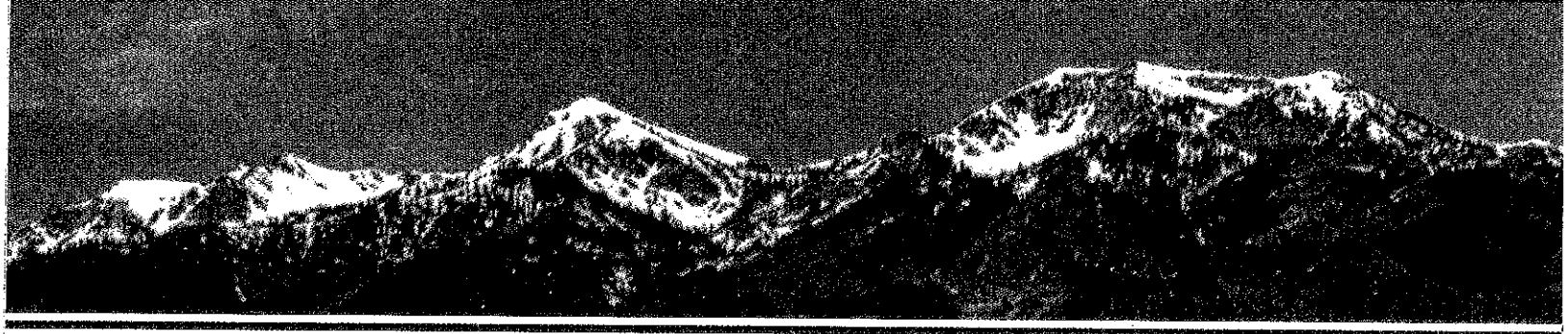

# WEBER-MORGAN HEALTH DEPARTMENT

GARY M. HOUSE, M.P.H.
Health Officer / Director

November 8, 2013



Patrick Heeg
121 Reacle St #8F
New York, NY 10013

RE: Wastewater Site and Soils Evaluation #13999
8800 E 1300 S, Huntsville
Parcel #21-035-0065

Dear Mr. Heeg:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on November 7, 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 (UTM Zone 12 Nad 83 (12T) 438417 E 4565995 N)
0–23" clay loam, granular structure, 20% fine gravel & coarse sand
23-41" loam, granular structure, 25% fine gravel & coarse sand
41-111" loamy sand, granular/single grain structure, 50% coarse gravel, cobbles, boulders

Conduct the percolation tests so that the bottom of the percolation test holes are at 12 inches deep from the original grade.

Exploration Pit #2 (UTM Zone 12 Nad 83 (12T) 438618 E 4565997 N)
0-29" clay loam, granular structure, 20% fine gravel & coarse sand
29-36" loam, granular structure, 25% fine grave & coarse sand
36-101" loamy sand, granular/single grain structure, 50% coarse gravel, cobbles, boulders

Conduct the percolation tests so that the bottom of the percolation test holes are at 12 inches deep and 40 inches deep from the original grade.

Exploration Pit #3 (UTM Zone 12 Nad 83 (12T) 438619 E 4566117 N)
0-27" clay loam, granular structure, 20% fine gravel & coarse sand
27-96" loamy sand, granular/single grain structure, 50% coarse gravel, cobbles, boulders

Conduct the percolation tests so that the bottom of the percolation test holes are at 12 inches deep and 36 inches deep from the original grade.

Exploration Pit #4 (UTM Zone 12 Nad 83 (12T) 436461 E 4566196 N)

0-14" loam, granular structure, 20% fine gravel & coarse sand
14-106" loamy sand, granular/single grain structure, 50% coarse gravel, cobbles, boulders

Conduct the percolation tests so that the bottom of the percolation test holes are at 30 inches deep from the original grade.

Exploration Pit #5 (UTM Zone 12 Nad 83 (12T) 438387 E 4566082 N)
0-24" clay loam, granular structure, 20% fine gravel & coarse sand
14-37" loam, granular structure, 25% fine gravel & coarse sand
37-102" loamy sand, granular structure, 50% coarse gravel, cobbles, boulders

Conduct the percolation tests so that the bottom of the percolation test holes are at 48 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 included 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,

Michela Gladwell

Michela Gladwell, LEHS
Environmental Health Division

MG/jc