



WEBER-MORGAN HEALTH DEPARTMENT

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

November 8, 2006

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Jerry Preston
P.O. Box 980
Farmington, UT 84025

RECEIVED
BY *JP* / DATE *11-14-2006*

RE: Wastewater Site and Soils Evaluation #13289
3181 E. 3350 N., Liberty
Parcel #22-023-0025

Dear Mr. Preston:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on October 30, 2006. 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

0-28" gravelly silt loam, granular structure, 20% gravel
28-110" gravelly silt loam, massive structure, 40% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%

Exploration Pit #2

0-38" gravelly silt loam, granular structure, 20% gravel
38-110" gravelly silt loam, massive structure, 40% gravel
Required percolation tested @ 24" - 32 MPI
Slope 15%

Exploration Pit #3

0-32" gravelly silt loam, granular structure, 20% gravel
32-110" gravelly silt loam, massive structure, 40% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-10%

Exploration Pit #4

0-27" gravelly silt loam, granular structure, 20% gravel
27-118" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24 - 32 MPI
Slope 10%-15%

Exploration Pit #5

0-34" gravelly silt loam, granular structure, 15% gravel
34-117" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #6

0-32" gravelly silt loam, granular structure, 15% gravel
34-110" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #7

0-32" gravelly silt loam, granular structure, 15% gravel
32-117" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #8

0-28" gravelly silt loam, granular structure, 15% gravel
28-104" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #9

0-33" gravelly silt loam, granular structure, 15% gravel
33-117" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 32 MPI
Slope 15%-20%

Exploration Pit #10

0-28" gravelly silt loam, granular structure, 15% gravel
28-109" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #11

0-30" gravelly silt loam, granular structure, 15% gravel
112" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #12

0-35" gravelly silt loam, granular structure, 15% gravel
124" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #13

0-24" silt loam, granular structure, 1% gravel
24-81" gravelly silt loam, massive structure, 15% gravel
Required percolation tested @ 24" - 40 MPI
Slope 15%-20%

Exploration Pit #14

0-32" gravelly silt loam, granular structure, 15% gravel
108" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 32 MPI
Slope 15%-20%

Exploration Pit #15

0-32" gravelly silt loam, granular structure, 15% gravel
32-108" gravelly silt loam, massive structure, 45% gravel
Required percolation tested @ 24" - 32 MPI
Slope 15%-20%

Exploration Pit #16

0-32" gravelly silt loam, granular structure, 20% gravel
32-108" gravelly silt loam, massive structure, 40% gravel & cobble
Required percolation tested @ 24" - 40 MPI
Slope 10%-15%

Exploration Pit #17

0-24" gravelly silt loam, granular structure, 20% gravel
24-101" gravelly silt loam, massive structure, 40% gravel & cobble
Required percolation tested @ 24" - 32 MPI
Slope 10%-15%

Exploration Pit #18

0-30" gravelly silt loam, granular structure, 20% gravel
30-99" gravelly silt loam, massive structure, 40% gravel & cobble
Required percolation tested @ 24" - 40 MPI
Slope 10%-15%

Exploration Pit #19

0-33" gravelly silt loam, granular structure, 20% gravel
33-111" gravelly silt loam, massive structure, 40% gravel & cobble
Required percolation tested @ 24" - 40 MPI
Slope 10%-15%

Exploration Pit #20

0-36" gravelly silt loam, granular structure, 20% gravel
36-115" gravelly silt loam, massive structure, 40% gravel & cobble
Required percolation tested @ 24" - 40 MPI

Exploration Pit #21

0-30" gravelly silt loam, granular structure, 20% gravel

30-95" gravelly silt loam, massive structure, 40% gravel & cobble

Required percolation tested @ 24" - 53.33 MPI

Exploration Pit #22

0-28" gravelly silt loam, granular structure, 20% gravel

28-112" gravelly silt loam, massive structure, 40% gravel & cobble

Slope 10%-15%

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

Sincerely,



Brian Cowan, LEHS
Environmental Health Division

BC/jc