



Renée Branch Canady, PhD, MPA, Health Officer  
Sugandha Lowhim, MD, MPH, Medical Director

May 15, 2013

Alexis Coxon  
4220 Tumbridge Drive  
Holt, MI 48842

RE: Soil Evaluation in Delhi Township, Section 28, Harper Road West of Eifert Road  
Parcel # 33-25-05-28-400-032, Application # 4-17-13-081.

Dear Ms. Coxon:

On May 8, 2013, a soil evaluation was conducted to determine the soil conditions for the above referenced property for an on-site sewage treatment system. This parcel was evaluated in anticipation of the construction of a single family dwelling with its own on-site sewage treatment system. The results of the evaluation are enclosed in this letter and on the attached Soil Evaluation Data Sheet.

Seven backhoe cuts were made on the lot to find a suitable area for wastewater treatment. Backhoe cuts 3, 6, and 7 meet the minimum Ingham County requirements for a conventional wastewater treatment system. Soils at this site include loamy sand to sand soil with evidence of a seasonal high water level at 36-42 inches as indicated by soil mottling. A system installed in this area would have to be shallow with the top of stone 6 inches above the existing grade. Drop boxes would likely be utilized to keep each of the drainfield lines at the proper elevation.

Backhoe cuts 1, 2, 4, and 5 are suitable for alternative wastewater treatment. A company from the county's approved Alternative Wastewater Design consultant list must prepare a plan for this type of system for review by this office. Before a permit can be issued for both the wastewater system and water supply well the submitted plan must be approved by our office.

In closing, you are reminded to keep equipment off the areas that were determined to be suitable for a sewage treatment system. Protecting the natural condition of the soils is very important to the future operation of your system. If you have any questions or concerns, contact our office at, (517)887-4312.

Sincerely,

Randy Fedewa REHS

Bureau of Environmental Health

RF:mw

CC: Delhi Township

Bureau of Environmental Health  
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