

# HALLOWEN & ASSOCIATES, INC.

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8 February 2005

Mr. Oliver Tolksdorf  
Harnett County Environmental Health  
307 West Cornelius Harnett Blvd.  
Lillington, NC 27546

Reference: Preliminary Soil Investigation  
Casper B. Johnson & Janet R. Johnson Sanitary Drainage Field Easement

Dear Mr. Tolksdorf,

A preliminary soil investigation has been conducted at the above referenced property, located on the western side of Lane Road (NCSR 1802), Averagesboro Township, Harnett County, North Carolina. The purpose of the investigation was to locate an area of useable soils that has the ability to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. This sanitary drainage field easement is located on Tract B, which is larger than 10 acres; therefore the area outside of the sewer easement will not be discussed further in this report. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." It is our understanding that individual septic systems and public water supplies will be utilized at this site.

This sanitary drainage field easement to be provided to Tract A is dominated by provisionally suitable soils for subsurface sewage waste disposal. These provisionally suitable soils were observed to be friable sandy clay loams to greater than 36 inches and appear adequate to support long term acceptance rates of 0.4 to 0.5 gal/day/sqft. It appears that the soils on this lot are adequate to support a conventional septic system and repair area for one three-bedroom residence.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,



Laura J. Fortner  
Licensed Soil Scientist