

HAL OWEN & ASSOCIATES INC.

SOIL & ENVIRONMENTAL SCIENCES

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20 October, 2004

Mrs. Gabriele Russell
5170 Marvin Drive
Spring Lake, NC 28390

Reference: Preliminary Soil Investigation
Brookgreen Road Property - 10.125 Acres

Dear Mrs. Russell,

A preliminary soil investigation has been conducted at the above referenced property, located on the northern side of Brookgreen Road, east of McPherson Road (SR 1109), Johnsonville Township, Harnett County, North Carolina. The purpose of the investigation was to determine the property's ability to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. 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.

A portion of this lot was investigated and found to be underlain by a mixture of suitable and provisionally suitable soils for subsurface sewage waste disposal. The suitable soils were observed to be deep, well-drained, loamy sands to greater than 42 inches and appear adequate to support long term acceptance rates of 0.8 gal/day/sqft. The provisionally suitable soils were observed to be friable sandy clay loams to greater than 30 inches and appear adequate to support long term acceptance rates of 0.4 to 0.6 gal/day/sqft. It appears that the soils on this lot are adequate to support a conventional septic system and repair area for at least one 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



Hal Owen
Senior Consultant