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OBJECTIVE

JustSoils53, PLLC conducted a soil/site evaluation of Parcel 106680 located off of Beeson Road in Rockingham County to determine areas of soil and saprolite that have the potential to install ground absorption sewage treatment and disposal systems for a three bedroom single family residence.

JustSoils53, PLLC traversed the property observing the landforms (topographical features, drainage patterns, etc.) and soil conditions (soil horizons, depth, texture, structure, drainage, mineralogy, etc.) by extending borings with a hand auger and/or soils probe or pits. This evaluation was conducted in accordance with current soil science practices and technology and the soil and site criteria found in 15 A NCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems." A map of the area evaluated is enclosed.

OBSERVATIONS

A The surface layer to depths of 8 to 12 inches below ground surface (bgs) consists of loam. The structure appears to be granular with friable consistence. The subsurface layer to a depth of 50 inches bgs consists of clay and clay loam. The structure of the clay appears to be moderate medium subangular blocky with firm, slightly sticky, slightly plastic consistence. The structure of the clay loam appears to be weak fine subangular blocky with friable, slightly sticky, slightly plastic consistence. The clay mineralogy appears to be slightly expansive. Soil wetness conditions were not observed in the borings to a depth of 50 inches bgs. Slopes range from 10 to 14 percent.

FINDINGS

The soil properties and characteristics observed in A meet the criteria found in 15 A NCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems" to be classified as provisionally suitable for the installation of a ground absorption sewage treatment and disposal system to accommodate a three bedroom single family residence. The recommended long-term acceptance rate is .3 gallons per day per square foot.

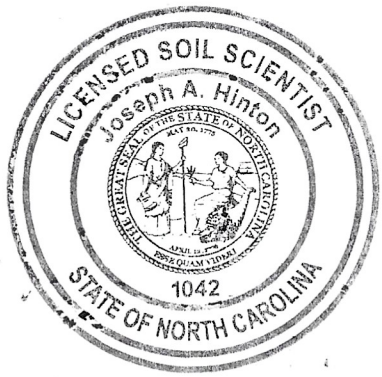
The Soil/Site Evaluation conducted discusses and describes the location of soils and saprolite to accommodate ground absorption sewage treatment and disposal systems for a single family residence. There are multiple options to obtain an Improvement Permit (IP) required to obtain a Construction Authorization (CA). The IP and CA may be applied for from the Local Health Department (traditional public option permit). A completed application for the IP would be submitted to the local health department. Permits may be applied for through the use of a LSS, JustSoils53, PLLC. Contact JustSoils53, PLLC for details and fees. The client would be responsible for submitting a completed application with the required fees and the JustSoil53, PLLC documentation to the local Health Department.

JustSoils53, PLLC is pleased to offer you our professional services and look forward to assisting with any of your site analysis needs in the future. If you have any questions or require further assistance, contact me at 336-432-7551 or e-mail josephinton@triad.rr.com.

Respectfully,

Joseph A Hinton

Joseph A. Hinton, LSS
JustSoils53, PLLC



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But those who trust in the Lord will receive new strength. They will fly as high as eagles. They will run and not get tired. They will walk and not grow weak. Isaiah 40:31