



Soil & Environmental Consultants, PA

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North Chatham Investments, Inc.
Attn: Mr. Travis Blake
9668 Hwy 15-501
Chapel Hill, NC 27517

June 16, 2006
Project #: 10148.S1

Addendum to the March 2006 Detailed Soil Series Report

Ref: Polk's Centre, 39 Acre Parcel Adjacent to 15-501 & Polk's Landing- Chatham County, NC.

Mr. Blake:

Soil & Environmental Consultants, PA (S&EC) has performed a limited soil/site evaluation on the above mentioned property during March 2006. A report dated March 30, 2006 discusses the soil evaluation and provides information relative to our findings. This addendum report will incorporate additional information provided by another consultant for this project.

During June 2006, Mr. Dave Meyer, LSS performed seven hydraulic conductivity measurements within the soil area identified by S&EC. The purpose of these measurements is to determine the rate at which "clean water" will move through the soil. A report detailing Mr. Meyer's methods, procedures, test location and results is attached. It is important to note that S&EC did not conduct these measurements nor supervise the methods used. Mr. Meyer's report is a separate report and should be used as such.

However, based on a review of the data, the measurements in the Helena Soil Series (Bt horizon) ranged from 0.053 in/hr to 0.077 in/hr and the average Ksat is 0.065 in/hr. The measurement in the Helena Soil Series BC horizon is 0.184 in/hr. The measurements in the Wedowee Soil Series (Bt horizon) ranged from 0.386 in/hr to 0.526 in/hr and the average Ksat is 0.456 in/hr. The measurement in the Wedowee Soil Series BC horizon is 0.221 in/hr. This information is noted in the report provided by Mr. Dave Meyer.

Based on these measurements, S&EC recommends additional hydraulic conductivity testing to be completed because the number of measurements may not provide an accurate estimate of the hydraulic conductivity values for the soil series noted at this site.

If you have any questions or require additional information please give us a call.

Don Wells
NC Licensed Soil Scientist
Attachment: Ksat report by Mr. Dave Meyer