

SHAFFER SOIL SERVICES

685 SANFORD ROAD
PITTSBORO, N.C. 27312
919-542-5803

June 16, 2006

Mr. Jesse Fearington
724 Morris Road
Pittsboro, NC 27312

Subject: Soils evaluation
Monterrane Subdivision- Phase 4
Mt. Gilead Church Road
Chatham County, NC

Dear Jesse:

This letter serves to supplement my soils and site report for this property dated June 30, 2001. That report details the soil conditions and the recommended types of septic systems and proposed loading rates. This letter serves to supply all additional information for preliminary subdivision approval, and to update the lot reference numbers. The lot reference numbers are updated on the attached site plan map.

Subdivision requirement #1 – see attached report from June 30, 2001 as well as this letter as a supplement.

Subdivision requirement #2 - see attached map noting proposed septic sites with initial and repair areas defined. All soil borings are marked in the field with numbered flagging corresponding to the site plan map shown here. Since the field work was performed in 2001, some of the original flagging may no longer be present. There are no proposed surface discharge systems.

Subdivision requirement #3 – see June 30, 2001 report.

Subdivision requirement #4 – There are no proposed off-site septic systems and hence no easements or land-owner agreements.

Subdivision requirement #5 – There are no pretreatment systems proposed, and no special soil or hydraulic testing was required as per 15 A NCAC 18A. .1900.

Subdivision requirement #6 – There are no water supplies, impounded waters, or jurisdictional wetlands within 100 feet of any proposed septic field. Public water supply is available.

Subdivision requirement #7 – see attached map

Summary- this letter along with the attached map and original report show that each proposed lot on this subdivision has a suitable site and soils for a septic system. This report and all attachments represent my professional opinion. The recommendations given in this report will not insure that permits would be either issued or denied for any particular part of the tract or any

given number of lots, and likewise will not insure that a specific type and size of wastewater system will be allowed. These decisions will be made by the staff of the Chatham County Health Department. Also, this report does not indicate any guarantee that an installed system will function properly for a specified amount of time. Proper function of wastewater systems is dependent on installation procedures as well as owner maintenance. In a clayey soil such as exists on this property, installation should take place under relatively dry conditions to minimize the effect of soil clogging and smearing which would reduce the soil permeability.

If you have any questions concerning this report or require further assistance, please do not hesitate to contact me. Thank you for the opportunity to perform this service for you.

Sincerely,

Karl A. Shaffer
NC Licensed Soil Scientist
Certificate No. 1009

Attachments: Report from Shaffer Soil Services of June 30, 2001
Site map dated May 9, 2001