JDG Consultants
John D. Gray
123 Cub Creek Ext
Chapel Hill, NC 27517
919-929-4105 • 919-815-0698

April 11, 2006

To Whom It May Concern:

Re: Fearington Retail Shops Wastewater System

Enclosed are two reports outlining the findings of preliminary soil evaluations of a 12.29 acre tract of land (Pin # 9774-16-3812.000) and a 42.56 acre tract (Pin # 9774-17-2500.000) at Morris Rd. and US Hwy 15/501 in Chatham County, NC. As these two reports show, the areas evaluated are suitable for use as sewage disposal areas for a large volume of wastewater (more than 22 acres is available). Using the flow calculation of 28180 GPD, provided by the engineering firm CE Group, Inc., it would appear that the available area will provide more than adequate space for treatment and disposal of this waste. It is important to remember that many factors play into the sizing of a septic system, and further testing, calculation, and investigation will be required to ensure that this property can indeed handle the proposed flow.

I hope that this will help meet the needs of your preliminary planning goals and provides you with the information necessary to make decisions about the future use of this land. Should you have any questions concerning the details of the evaluation or this report please feel free to contact us at any time.

Sincerely,

Kerry Joe Johnson LSS RS

Kerry Joe Johnson, LSS RS

K. Joe Johnson, LSS
3311 Old Liberty Rd.
Franklinville, NC 27248

April 11, 2006

John D. Gray
123 Cub Creek Ext
Chapel Hill, NC 27517

Re: Preliminary tract evaluation of Lessie Harris Estate property (Fearington Retail Project) located at US 15/501 and Morris Rd in Chatham County, NC

Mr. Gray,

With your assistance, a preliminary site evaluation was performed on the above referenced property. This evaluation was performed as part of the planning process to develop a site for a retail business center to be constructed on the property. Per your direction, the property was evaluated to determine the suitability for the installation of an on-site subsurface wastewater treatment and disposal system (septic tank system). Work was conducted to adhere to requirements set forth in Rules .1901-.1968 of Title 15A Subchapter 18A of the North Carolina Administrative Code (T15A.18A.1901-.1968). Fieldwork was completed on February 24, 2006.

Soil borings were placed across the area of investigation (avoiding areas of unsuitable surface features and topography) and soil characteristics such as texture, structure, mineralogy, wetness conditions, depth to saprolite, etc. were observed. The soil boring locations were identified by use of GPS equipment operated by David Purvis and survey ribbon was used to mark the soil borings across the property. All soil was evaluated with a hand auger.

FINDINGS

The soils within the area of evaluation can be generally characterized as having SCL, CL, and SL surface layers, underlain by Clay subsoil to parent material and soil wetness in the deeper portions of the soil profiles. Depths of usable soil within the evaluation boundary ranged from 12" to 48". All of the soils evaluated within the area were found to be provisionally suitable as prescribed by NC sewage rules. As with any septic system site, it is of utmost importance to take all necessary precautions to ensure that the soils area is protected from any possible disturbance during all phases of construction. It is important to remember that the portions of the property covered under this report are limited to a +-13 acre section east of the Progress Energy electrical transmission lines and the 12.29 acre tract on the corner of Morris Rd and US 15/501.

SYSTEM DESIGN

The soils on this property easily meet the criteria for the use of a subsurface drip irrigation system. Because of the complexity of this system, design will not be discussed here. As with any septic system, proper function can not be guaranteed. It is important to work closely with a licensed engineer, competent in the area of on-site wastewater treatment and disposal system design, in order to create a system that will function to both dispose of and treat the effluent produced by the proposed facilities. A long term acceptance rate (LTAR) of 0.15 gal/day/ft^2 is recommended for this property. As with any project of this size, further investigation (field testing) will be required in order to confirm this proposed application rate.

CONCLUSION

While the preliminary evaluation indicates a subsurface wastewater system can be installed on this property, it is important to remember that the permitting authority lies with the Chatham County Health Department, and this report in no way guarantees a permit will be issued for the proposed wastewater system. Due to the size and complexity of this system please be advised that state approval of the system design and installation will be required.

I am pleased to be of service in this matter and will be available to provide further assistance in the future if necessary to aid in the successful completion of this project.

Sincerely,

K Joe Johnson, LSS

K. Joe Johnson, LSS

MICHAEL A. NORTON, L.S.S.
1972 East U.S. 74 Highway, Hamlet, NC 28345
(910) 582-6607

March 20, 2006

JDG Consultants
Mr. John Gray
123 Cub Creek Extension
Chapel Hill, NC 27517

RE: Jesse Fearrington/Earl Thomas land
Harris Estate
42 Acres + -
Intersection of west corner Hwy. 15-501, north of Morris Road
Chatham County, NC

Dear Mr. Gray:

Per your request, I evaluated the above referenced property for suitability to accommodate on-site wastewater disposal. The soil evaluation was performed in accordance with the "Laws and Rules for Sewage Treatment, and Disposal Systems Article 11, Chapter 130A of NCGS 15A NCAC 18A .1900 et seq."

This preliminary soil evaluation found generally loamy sand, sandy loam, or sandy clay loam surface horizons, overlying clays and sandy clays to parent material and soil wetness deeper in the profiles. Effective soil depths range from 16" to 48". Restrictive horizons of these effective soil depths not only are due to soil wetness, parent material, and massive soil structure, but occasionally soil mineralogy due to expansive clays. Together we augered soil borings 1-42 and the locations were plotted using GPS by David Purvis.

Overall, these soils would easily accommodate alternative wastewater disposal using subsurface drip irrigation. Pretreatment may be utilized for horizontal or vertical reductions, dependent upon the specific effective soil depth areas upon which they are permitted to utilize. A long term acceptance rate (L.T.A.R.) is recommended to be 0.15 gallons per day per square foot of trench.

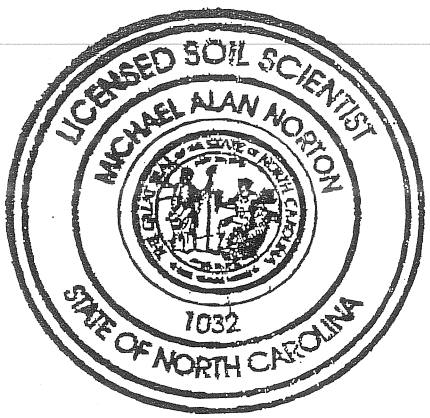
Ultimately, it is the jurisdiction of the Chatham County Health Department to issue any permits for subsurface disposal, as this report does not guarantee permitting. Collectively, with other consultants' work at this site, a proposal should be developed for submittal and approval. Please be advised that any system over 3000 gallons per day must also have state approval.

If I may be of further assistance, please feel free to give me a call.

Sincerely,

Michael A. Norton, L.S.S.

Michael A. Norton
Licensed Soil Scientist



Subject: Jesse Fearrington
Date: Mon, 13 Mar 2006 09:58:39 -0500
From: Fitch, RB <RB@FEARRINGTON.com>
To: <law@bradshawrobinson.com>

Mr. Nicolas P. Robinson
Bradshaw and Robinson, LLP
Pittsboro, N. C.

Dear Mr. Robinson:

This is to confirm our previous conversation that Fitch Creations, Inc. T/A Fearrington Utilities will allocate 10,000 gallons per day of waste water treatment to Mr. Jesse Fearrington as it relates to his property on the corner of US 15-501 and Morris Road.

This is conditioned on:

1. The upgrading of our present treatment plant to the currently permitted 500,000 per day discharge.

2. That Fitch Creations review and approve the design and land plan of the proposed property

3. That Jesse Fearrington, etal, be responsible for all expenses involved in providing this service.

R. B. Fitch, President
Fitch Creations, Inc.
2000 Fearrington Village
Pittsboro, NC 27312
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