



North Carolina Department of Environment and Natural Resources

Division of Environmental Health

Beverly Eaves Perdue
Governor

Terry L. Pierce
Director

Dee Freeman
Secretary

September 10, 2010

Charlie Horne, Public Works Director
Chatham County
12 East Street
Pittsboro, North Carolina 27312

Re: Engineering Plans and Specifications Approval
Water Main Extension by
Chatham County Water System
to serve Briar Chapel – Phase 5 North
Chatham County
Water System No.: NC 03 19 126
Serial Number: 08-00901R1

This is not an Authorization to Construct

Dear Mr. Horne:

Enclosed please find one copy of the "Application for Approval..." together with one copy of the referenced engineering plans and specifications bearing the Division of Environmental Health stamp of approval for the referenced project. These engineering plans and specifications are approved under serial number 08-00901R1, dated September 10, 2010, and replace the plans and specifications approved under serial number 08-00901, which are no longer valid.

Engineering plans and specifications prepared by Grant M. Livengood, P.E., call for the installation and construction of approximately 8,240 feet of eight-inch waterlines and related appurtenances to serve 174 residential lots in the proposed Briar Chapel – Phase 5 North subdivision.

This approval is subject to the condition that horizontal and vertical separation between waterlines and sanitary sewers, force mains or sewer laterals must comply with the requirements of 15A NCAC 18C .0906. Often, the easiest way to satisfy this requirement is to sleeve one line for 10 feet on each side of the crossing.

Please note that an "Authorization to Construct" requires both this approval of Engineering Plans and Specifications and submittal of a complete Water System Management Plan. No construction shall be undertaken, and no contract for construction, alteration, or installation shall be entered into until the Department issues an Authorization to Construct letter in accordance with 15A NCAC 18C.0305(a).

Public Water Supply Section – Jessica G. Miles, Chief
1634 Mail Service Center, Raleigh, North Carolina 27699-1634
Phone: 919-733-2321 \ FAX: 919-715-4374 \ Lab Form FAX: 919-715-6637 \ Internet: ncdinkingwater.state.nc.us
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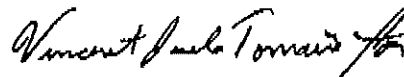
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These plans and specifications cited in the foregoing application are approved insofar as the protection of public health is concerned as provided in the rules, standards and criteria adopted under the authority of Chapter 130A-317 of the General Statutes. This approval does not constitute a warranty of the design, construction or future operation of the water system.

One copy of each enclosed document is being forwarded to our Raleigh Regional Office. The third copy is being retained in our permanent files.

If Public Water Supply can be of further service, please call (919) 733-2460.

Sincerely,



J. Wayne Munden, P.E.
Technical Services Branch, Head
Public Water Supply Section

JWM/VJT/db

Enclosures: Approval Documents

cc: Michael Douglas, P.E., Raleigh Regional Office
Chatham County Health Department
Grant M. Livengood, P.E., McKim & Creed