

**Division of Environmental Health**  
Terry L. Pierce, Director

State of North Carolina  
Michael F. Easley, Governor

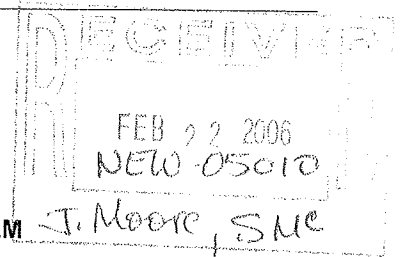
**Public Water Supply Section**  
Jessica G. Miles, Section Chief

Department of Environment and  
Natural Resources  
William G. Ross, Secretary

February 20, 2006

CHARLIE HORN, COUNTY MANAGER  
12 East Street  
Pittsboro, NC 27312

Re: **Authorization to Construct**  
**BRIAR CHAPEL, PHASE 2**  
**CHATHAM CO WATER SYSTEM**  
**CHATHAM County 0319126**



Dear Applicant:

This letter is to confirm that a complete Engineer's Report and a Water System Management Plan have been received, and that engineering plans and specifications have been approved by the Department for **BRIAR CHAPEL, PHASE 2, DEH Serial No. 0501994.**

The Authorization to Construct is valid for 24 months from the date of this letter. Authorization to Construct may be extended if the Rules Governing Public Water Supplies and site conditions have not changed. The Authorization to Construct and the engineering plans and specifications approval letter, shall be posted at the primary entrance of the job site before and during construction.

Approval must be secured from the Department before any construction or installation if:

- Deviation from the approved engineering plans and specifications is necessary; or
- There are changes in site conditions affecting capacity, hydraulic conditions, operating units, the function of water treatment processes, the quality of water to be delivered, or conditions imposed by the Department in any approval letters.

Upon completion of the construction or modification and in accordance with Rule .0303, the applicant shall submit a certification statement directly to of this office. This statement must be signed and sealed by a registered professional engineer stating that construction was completed in accordance with approved engineering plans and specifications, including any provisions stipulated in the Department's engineering plan and specification approval letter. Prior to Final Approval, the applicant shall submit a signed certification stating that the requirements in 15A NCAC 18C .0307 (d) and (e) have been satisfied and if applicable, a completed application for an Operating Permit and fee. Once the certification statements and operating permit application and fee, if applicable, are received and determined adequate, the Department will grant Final Approval in accordance with Rule .0309 (a). Therefore, no construction, alteration, or expansion of a water system shall be placed into service until Final Approval has been issued by the Department.

If we can be of further assistance, please call (919) 733-2321.

Sincerely,

Tony C. Chen, P.E.  
Technical Services Branch  
Public Water Supply Section

TCC:COP

cc: MICHAEL L. DOUGLAS, Regional Engineer  
The John R Mcadams Company

1634 Mail Service Center, Raleigh, North Carolina 27699-1634  
Telephone 919-733-2321 ▲ Fax 919-715-4374 ▲ Lab Form Fax 919-715-6637  
<http://ncdrinkingwater.state.nc.us/>

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State of North Carolina  
Department of Environment and Natural Resources

Public Water System Authorization to Construct

Public Water System Name  
and PWSID No. (if available):

CHATHAM CO WATER SYSTEM  
0319126

Project Name:

BRIAR CHAPEL, PHASE 2

Serial No.

0501994

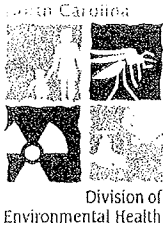
Issue Date:

02/17/2006

Expiration Date:

24 months after Issue Date

In accordance with NCAC 18C .0305, this Authorization to Construct must be posted for inspection at the primary entrance to the job site during construction.



**Division of Environmental Health**  
Terry L. Pierce, Director

State of North Carolina  
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**Public Water Supply Section**  
Jessica G. Miles, Section Chief

Department of Environment and  
Natural Resources  
William G. Ross, Secretary

February 16, 2006

Mr. Charlie Horn, County Manager  
County of Chatham  
12 East Street  
Pittsboro, North Carolina 27312

Re: Engineering Plans and Specifications Approval  
Water Main Extension  
Chatham County Water System  
to serve Briar Chapel Development, Phase 2  
Chatham County  
ID #03-19-126

**This is not an Authorization to Construct**

Dear Mr. Horn:

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 Division of Environmental Health serial number 05-01994, dated February 14, 2006.

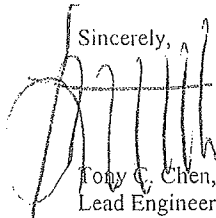
Engineering plans and specifications prepared by Jonathan G. Moore, P.E., call for the installation of approximately 6,770 feet of 12-inch and 175 feet of 6-inch water mains, valves, hydrants and other related appurtenances along Taylor Road, Road "D" and Hubert Herndon Re-Route at Briar Chapel Development, Phase 2 Project.

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).

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 we can be of further service, please call on us at (919) 733-2460.

Sincerely,  
  
Tony C. Chen, P.E.  
Lead Engineer, Plan Review  
Technical Services Branch

TCC:HSO:sep

Enclosures: Approval Documents

cc: Michael L. Douglas, P.E., Regional Engineer  
Chatham County Health Department  
The John R. McAdams Company, Inc.

1634 Mail Service Center, Raleigh, North Carolina 27699-1634  
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