

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 C. Ross, Secretary

August 2, 2007

CHARLIE HORNE, CHATHAM CO MANAGER  
P O BOX 910,  
PITTSBORO, NC 27615

Re: **Authorization to Construct**  
**HORIZON S/D**  
**CHATHAM CO WATER SYSTEM**  
**CHATHAM County NC0319126**

**Authorization to Construct (This is not a Final Approval)**

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 **HORIZON S/D, DEH Serial No. 07-01368.**

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 (see Rule .0305). 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.

Upon completion of the construction or modification, and **prior to placing the new construction or modification into service**, the applicant must submit an Engineer's Certification and Applicant Certification directly to HENRI OU of this office.

- **Engineer Certification:** in accordance with Rule .0303 (a), the applicant shall submit a certification statement 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.
- **Applicant Certification:** in accordance with Rule .0303 (c), the applicant shall submit a signed certification statement indicating that the requirements for an Operation and Maintenance Plan and Emergency Management Plan have been satisfied in accordance with Rule .0307 (d) and (e) and that the system has a certified operator in accordance with Rule .1300. The "Applicant Certification" form is available at <http://www.deh.enr.state.nc.us/pws/> (click on WSMP Forms, under Plan Review heading).

If this Authorization to Construct is for a new public water system, the owner must submit a completed **application for an Operating Permit** and the appropriate fee. For a copy of the application for an Operating Permit please call (919) 715-3214.

Once the certifications and permit application and fee, (if applicable), are received and determined adequate, the Department will issue a Final Approval letter to the applicant. In accordance with Rule .0309 (a), **no portion of this project shall be placed into service until the Department has issued Final Approval.**

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:HSO

cc: MICHAEL L. DOUGLAS, P.E., Regional Engineer  
JOHN W HARRIS PE

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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August 2, 2007

Mr. Charlie Home, County Manager  
Chatham County  
Post Office Box 910  
Pittsboro, North Carolina 27615

Re: Approval of Engineering Plans and Specifications for  
Water Main Extensions to serve  
Horizon Subdivision, Phases 1 and 2  
Chatham County Water System  
Chatham County  
P.W.S. ID No. 03-19-126

**This is not an Authorization to Construct**

Dear Mr. Home:

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 07-01368, dated August 1, 2007.

Engineering plans prepared by Mr. John W. Harris, P.E., call for the installation of approximately 4,700 feet of 8-inch, 2,750 feet of 6-inch and 600 feet of 2-inch water mains with fire hydrants, valves, and other appurtenances. The proposed mains are to provide service for 66 residential lots, to be situated on the north side of Hamlets Chapel Road (SR 1525) northwest of the intersection of Hamlets Chapel Road and Parker Herndon Road.

The subject project is approved with the following proviso: County to evaluate its use of large (6-inch mains and larger) in situations where minimum water usage may create water quality problems.

The engineering plans cited in the foregoing application are approved insofar as the protection of public health is concerned, as provided by 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.

Please note an "Authorization to Construct" requires both written 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).

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 at (919) 733-2460.

Sincerely,

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

TCC/JWM/sep

Enclosures: Approval Documents

cc: Mr. Michael L. Douglas, P.E., Raleigh Regional Office  
Chatham County Health Department  
John W. Harris, P.E.

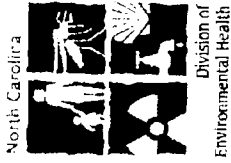
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State of North Carolina  
Department of Environment and Natural Resources  
Division of Environmental Health



Public Water System Authorization to Construct

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

CHATHAM CO WATER SYSTEM  
NC0319126

Project Name:

HORIZON S/D

DEH Serial No.

07-01368

Issue Date:

8/1/2007

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.