

**North Carolina Department of Environment, Health,  
and Natural Resources**

**Division of Environmental Health**

**Application For Approval of Plans  
And Specifications For Water Supply  
Systems**

Date 6/15/05

To the Division of Environmental Health

Serial No. \_\_\_\_\_

Department of Environment, Health and Natural Resources

The Board of Commissioners

(name of board, or council, authorized official and title, or owner)

of Chatham County

(name of city, town, corporation, sanitary district, water company, or other)

in the County of Chatham

State of North Carolina authorized by law to

act for the said Chatham County

(name of city, town, corporation, sanitary district, water company, or other)

and to expend its funds for the water project described below, herewith submit for the counsel and advice of

the Division of Environmental Health plans and specifications prepared by CE Group Inc

(engineer or firm)

of 1051 Pemberton Hill Road, Suite 201, Apex, NC 27502

for the installation or construction of The Homestead Phase 1 with 6,445 lf 12" DIP watermain, 4,835 lf 8"

(describe project)

DIP waterline, 1,720 lf 4" DIP waterline, 1,443 lf 2" PVC waterline and appurtenances installed off of Big Woods Road in

(location of project)

Chatham

(county)

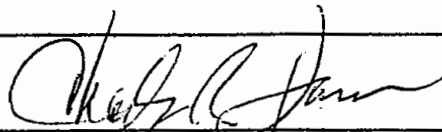
County and make application to the Division of Environmental Health

for the approval of said plans and specifications as related to public health and protection of public water supplies and public water systems.

These plans have been approved and accepted by the applicant.

This application is made under and in full accord with the provisions of Chapter 130A-317 of the North Carolina General Statutes, and such other statutes as related to public water systems. The applicant agrees that no change or deviation from the plans and specifications approved by the Division of Environmental Health will be made except as allowed by T15A: 18C .0306 or with the written consent and approval of the Division of Environmental Health or its authorized representative. The applicant agrees that a professional engineer licensed to practice in the State of North Carolina shall submit a statement reflecting that adequate observations during and upon completion of construction, by the engineer or b a representative of the engineers office who is under the engineers supervision, indicates that construction was completed in accordance with approved plans and specifications.

Remarks: \_\_\_\_\_



(Signature of Owner, Manager, Mayor, or Chairman)

Charlie Horne

(Type of Print Name Signed Above)

PO Box 1550

(Street or Box Number)

Pittsboro  
City

NC  
State

27312  
Zip Code

**Status of Water System Management Plan (WSMP)**

Check one of the following, and if applicable, provide the required information:

- ☐ The WSMP for the project, as defined in the attached engineering plans and specifications, is submitted with this application.
- ☒ The WSMP that includes this project, as defined in the attached engineering plans and specifications, was previously submitted.

Provide the following:

Water System Name: Chatham County Water System

Owner Name: Chatham County

PWS I.D. No: 0319126

WSMP No: 99-02125

WSMP Submittal Date: 12/09/1999

County: Chatham

By my signature below, I certify that the previously submitted WSMP contains the information required by Rule .0307(c) for the project defined in the attached engineering plans and specifications.

NAME: \_\_\_\_\_

SIGNATURE: Charles Hane  
(owner, manager, mayor or chairman)

DATE: 7/27/05

- ☐ The WSMP for the project, as defined in the attached engineering plans and specifications, has not been submitted.

**Note:** When the WSMP is submitted, the applicant must clearly identify the previously submitted project engineering plans and specifications for which the WSMP was prepared.

**Status of Engineer's Report**

Check one of the following, and if applicable, provide the required information.

- ☒ The Engineer's Report for the project, as defined in the attached engineering plans and specifications, is submitted with this application.
- ☐ The Engineer's Report that includes this project, as defined in the attached engineering plans and specifications, was previously submitted.

Provide the following:

Water System Name: Chatham County Water System

Owner Name: Chatham County

PWS I.D. No: 0319126

Engineer's Report No: \_\_\_\_\_

Engineer's Report Title: Water Distribution System to serve The Homestead Subdivision, Phase 1

Engineer's Report Submittal Date: 6/15/05

County: Chatham

**Note:** If the previously submitted Engineer's Report covered multiple projects, then attach to this Application, a letter from the engineer stating that the previously submitted Engineer's Report contains the information required by Rule .0307(b) for the project defined in the attached engineering plans and specifications.

These plans and specifications cited in the forgoing 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, with the following provisions:

This approval is given with the understanding that upon installation of such works, its operation shall be placed under the care of a competent person, and the operation shall be carried out according to best accepted practice and in accordance with the recommendations of the Division of Environmental Health.

The official copies of plans and specifications accompanying this application have been sealed and stamped with the serial number of this application\_\_\_\_\_. Only such plans and specifications are included in this approval and any erasures, additions or alterations of the proposed improvements except those permitted in T15A: 18C .0306 will make such approval null and void.

Signed:

Title:

DEH-2136 (Revised 5/91)

PUBLIC WATER SUPPLY SECTION (Review 5/93)

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES

Division of Environmental Health  
Public Water Supply Section

Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Terry L. Pierce, Director  
Jessica G. Miles, Section Chief



October 18, 2005

Mr. Charlie Horne  
County of Chatham  
Post Office Box 1550  
Pittsboro, North Carolina 27312

Re: Engineering Plans and Specifications Approval  
Water Main Extension  
Chatham County Water System to serve  
Homestead Subdivision, Phase I  
Chatham County  
I.D. # 03-19-126

**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 Division of Environmental Health serial number 05-01292, dated October 13, 2005.

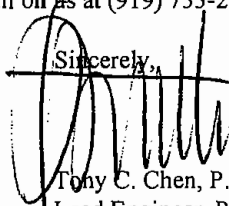
Engineering plans and specifications prepared by Michael V. Zaccardo, P.E., call for the installation of approximately 6,445 feet of 12-inch, 4,835 feet of 8-inch, 1,720 feet of 4-inch and 1,443 feet of 2-inch water mains, valves, a Watts model # 909 reduced pressure backflow preventer on the wastewater treatment plant water service line and other related appurtenances along Road "A", Road "B", Road "D", Road "E", Road "F" and Road "G" to serve Homestead Subdivision, Phase I with 105 lots located off Big Woods Road (S.R. 1716).

**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) 733-2321.

Sincerely,  


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

TCC/HSO/db  
Enclosures: Approval Documents  
cc: Michael L. Douglas, P.E., Regional Engineer  
Chatham County Health Department  
CE Group, Inc.

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES

Division of Environmental Health  
Public Water Supply Section

Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Terry L. Pierce, Director  
Jessica G. Miles, Section Chief



October 14, 2005

CHARLIE HORNE  
P O Box 1550  
Pittsboro, NC 27312

Re: **Authorization to Construct  
THE HOMESTEAD, PHASE I  
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 **THE HOMESTEAD, PHASE I, DEH Serial No. 0501292**.

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 Heinrich Ou 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:OU

cc: MICHAEL L. DOUGLAS, Regional Engineer  
Ce Group, Inc.



**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:**

THE HOMESTEAD, PHASE I

**Serial No.**

0501292

**Issue Date:**

10/13/2005

**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.