



North Carolina Department of Environment and Natural Resources

Division of Environmental Health

Beverly Eaves Perdue
Governor

Terry L. Pierce
Director

Dee Freeman
Secretary

May 28, 2009

Mr. Charlie Horne, County Manager
Chatham County
Post Office Box 1809
Pittsboro, North Carolina 27312-1809

Re: Engineering Plans and Specifications Approval
Water Main Extension by
Chatham County Water System
to serve Legend Oaks Subdivision, Phase 3
Chatham County
PWSID No.: 03-19-126
DEH Serial Number: 09-00765

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 09-00765 dated May 20, 2009.

Engineering plans and specifications prepared by Trenton D. Stewart, P.E., call for the installation and construction of approximately 3,590 feet of 12-inch, 1,941 feet of 8-inch, 749 feet of 6-inch and 695 feet of 2-inch waterlines and related appurtenances to serve 55 residential lots in the proposed Legend Oaks Subdivision, Phase 3.

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.

Public Water Supply points out that the currently approved Water System Management Plan number for Chatham County Water System (PWSID No. 03-19-126) is 05-00592 rather than the 99-02125 cited in the application.



North Carolina Department of Environment and Natural Resources
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May 21, 2009

MR CHARLIE HORNE
COUNTY MANAGER
P O BOX 1809
PITTSBORO, NC 27312-1809

Re: **Authorization to Construct**
LEGEND OAKS 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 **LEGEND OAKS S/D, DEH Serial No. 09-00765**.

The Authorization to Construct is valid for 24 months from the **Issue Date** (refer to next page). 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 **VINCE TOMAINO, P.E.** 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 Plan Review 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 the Public Water Supply Section can be of further assistance, please call (919) 733-2321.

Sincerely,

Tony C. Chen, P.E.
Technical Services Branch

TCC:VJT

cc: MICHAEL L. DOUGLAS, P.E., Regional Engineer
ARCADIA CONSULTING ENGINEERS



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:

LEGEND OAKS S/D

DEH Serial No.:

09-00765

Issue Date:

5/20/2009

Expiration Date:

24 Months after Issue Date

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