



Town of Pittsboro, North Carolina

Department of Engineering

(919) 542-2063

TO: Mayor Perry and the Town Board of Commissioners

FROM: Fred Royal, PE, CFM, Town Engineer

DATE: March 14, 2016

SUBJ: FYI Item on planned Public Information Session: Water Efficiency Ordinance and Policies

Background and Introduction

The Town of Pittsboro is under rapid development pressure and has two significant tracks to travel down when it comes to water and sewer utility planning and capital improvements. One track is to up-grade and expand (where necessary) the water and sewer treatment and distribution infrastructure and the other track is to ensure that all new infrastructure is designed and constructed in accordance to our new specifications and details.

In order to help meet the growth projection water demands, the Town Staff anticipates an approach to this challenge by focusing on two (2) two tasks:

- 1) Review and make recommendations regarding existing water related ordinances and policies
- 2) Seek input from the BOC and the public about new efficiency ordinances and policies.

A public information session is planned for the regular business meeting on March 28, 2016 to provide staff recommendations for a Drought Management Plan and gather feedback from the BOC and the public concerning policies and ordinances designed to reduce future per capita water demand.

Discussion

Due to the complexities and wide ranging topics associated with water treatment and use, at the public input session, staff is planning to make recommendations on a Drought Management Plan and provide brief information on existing and planned programs associated with water conservation, water management, non-revenue water loss reduction and the planning stages of a water system interconnectivity study with Chatham County.

Based on best available information, the town currently uses over 100 gallons per day per capita. The locally acceptable range in the partnership is 60-70 gallons per day per capita. The overarching intent of our efforts will be to reduce wasteful potable water demands and reduce costs associated with water

PO Box 759 ~ Pittsboro, NC 27312

Email: froyal@pittsboronc.gov

Phone: (919) 542-2063

Fax: (919) 542-2310

treatment. The requirement of this activity is largely based on the recent Jordan Lake Water Allocation application that the Town submitted to the NC Department of Environmental Quality on November 14, 2014.

The public information session will also include brief descriptions of recommended water efficiency areas that the Town can consider as growth and water demand increases. These areas may include establishing reclaimed water service areas, incentives for using reclaimed water, public education approaches, incentives for installing water efficient plumbing fixtures and irrigation and landscaping guidelines.

Attached please find current Town Policies and Ordinances. Staff will provide additional information in advance of the March 28, 2016 meeting.

Staff Recommendation

It is recommended that the Town Board of Commissioners receive this information as an FYI and plan for the scheduled Public Information Session for Water Efficiency Ordinances and Policies on March 28, 2016.