



Town of Pittsboro, North Carolina

Engineering Department

Memorandum

To: Mayor Cindy Perry and the Town Board of Commissioners

From: Fred Royal, PE, Town Engineer

Re: Water Efficiency Policy, Irrigation and Water Waste Ordinance, and Reclaimed Water Ordinance for Adoption

Date: November 14, 2016

Background and Introduction

The Town of Pittsboro is working to meet projected growth in water demand in several ways, with a priority on the most cost-effective options. First, the town is implementing infrastructure improvements to reduce the town's significant non-revenue water loss (up to 25%). An asset management plan anticipated in FY 2017 will help prioritize cost-effective improvements. The second step is to complete the Town of Pittsboro's Interconnection Study to help expand water supply from 2MGD to 4MGD; this study is also scheduled for discussion at the 11/14 Board of Commissioners meeting. The third step is to implement a water efficiency policy, ordinances, and programs to achieve water savings through education, incentives, and policy. A long-term approach to planning for drought and other potential water shortage situations rounds out the town's multi-pronged approach to efficient water resources management.

Discussion

In March 2016 staff presented two draft new ordinances for Board input: a Reclaimed Water Ordinance and a Year Round Water Efficiency Ordinance. Based on the Board's feedback, staff now presents the Water Efficiency Policy, Irrigation and Water Waste Ordinance, and Reclaimed Water Ordinance for consideration.

In March 2016 staff also proposed to update the Town's Emergency Water Conservation Provisions Ordinance (Article V, adopted in July, 1986). Updates to this ordinance are still in process, and pending a December 2016 report from the Triangle J Council of Governments on drought response planning. Staff will present final water shortage response plan and ordinance in early 2017.

Staff Recommendations

Staff recommends the Town Board of Commissioners Adopt the attached draft ordinances and policy. Staff will make the drafts "final" and will incorporate them into the Unified Development Ordinance.