



## **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: Potable Water Interconnection Study

Date: November 14, 2016

### **Background**

The Town of Pittsboro will require an expansion of water treatment and supply within 5 years according to the Jordan Lake Allocation Application and Planning Study. The existing Water Treatment Plant is capable of treating 2 MGD and likely more with some improvements. This issue will be looked at more closely next FY.

In the meantime, the Haw River is currently the sole water supply for the Town. It is prudent to look at other potential sources of water supply for redundancy and to determine the most cost-effective alternatives when the Town begins to plan for water expansion in the near term.

The longer term solution depends on the outcome of the Town's allocation application for up to 6 MGD from Jordan Lake. We will not know the final decision about this allocation until the Environmental Management Commission makes a final decision.

The contract with McGill Associates will include merging the Chatham County water model with the Town of Pittsboro water model and review interconnection options for up to 2 MGD of additional water for the Town. Upon completion of the project, staff will bring the results to the Board of Commissioners for a discussion.

Staff anticipates the approval of an MOU with Chatham County for a 50/50 cost and information share. County and Town Staff have been discussing the long-term benefits of an interconnection study. However, staff recommends executing the contract in order for McGill to begin the modeling work.

### **Staff Recommendations**

Staff recommends that the Town of Pittsboro Board of Commissioners (BOC) authorizes the Town Manager to execute the attached contract with McGill Associates.