



## **Town of Pittsboro, North Carolina**

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Engineering Department

### **Memorandum**

To: Mayor Terry and the Town Board of Commissioner's

From: Fred Royal, PE, Town Engineer

Subject: Elevated Water Tank Alternatives

Date: March 9, 2015

### **Background and Discussion**

The Chatham Park engineers have submitted a draft Technical Memorandum (attached) to describe in more detail three alternatives that are presently being evaluated. Town staff has assembled a complete response, however staff generally believes that it is addressing the key issues facing the town in this area, in terms of low-pressure zones and other operational challenges, where improvements could be made to address the needs of both parties.

Staff believes that with the increased development within the proposed pressure zone and with the current challenges associated with fire flow and pressure, there are multiple benefits for the Town with Alternatives 2 and 3.

Further consultation between staff and the CP engineers is recommended to fully vet the technical and engineering issues and to develop an opinion of probable cost for each alternative.

The follow-up activity to this draft would be a final alternatives analysis with a recommendation from staff.

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