

From: Annis, Clark [<mailto:clark.annis@veoliawaterna.com>]
Sent: Wednesday, October 09, 2013 9:33 AM
To: David Rutherford
Subject:

Good Morning Mr. Rutherford,

In reference to action taken by council at last night's meeting I wanted to clarify the GRW proposal. After the meeting in talking to Tim, I believe there may have been some confusion in regard to the flow monitoring. Tim believed the proposal only covered the Phase II area of the collection system. The GRW proposal cost includes flow monitoring in Phase II & III which would complete the I & I study for the entire collection system.

The 2006 Wastewater Facilities Plan prepared by GRW, Veolia, and City Staff was developed as a planning document to keep Crossville on track of forward progress in Wastewater improvements that will maintain capacity for growth and minimize regulatory enforcement risk. This plan has worked well. Over the past several years we have stayed on track with the Facilities plan utilizing grants for a large portion of funding as you referenced last night.

I would like to see us (Crossville) be even more aggressive in the sewer collection system improvements than we have been but completely understand the financial challenges and importance of maintaining minimal water and sewer rates to customers. This is why I at minimum make every effort to make recommendations for projects that will at least minimize risk of regulatory issues. Crossville Council has stayed on schedule to make this happen and should be commended for this. This is why we have a great relationship with TDEC and other environmental entities and have an award winning Wastewater treatment facility. I believe a transition to more in-house work is a great idea as we discussed if the proper elements are in place to include proper skills, management, resources and funding along with dedication and commitment for long term success.

In regard to the GRW proposal for the I & I flow monitoring and study. In last year's budget meeting it was decided to do the I & I study over three years to minimize cost. Phase I was completed in 2012-13 budget year. With the THWI grant we proposed to complete both II & III. Flow monitoring at 14 location which is both Phase II & III drainage basins of the sewer collection system for 90 days of data. The flow monitoring cost part of the \$75,000 is \$ 71,600. The remaining amount of cost would be for GRW to incorporate the flow data into the existing I & I study that GRW is already doing as part of the original Phase I study. Of the \$ 75,000 cost proposal, \$ 30,000 of this would be paid with the THWI grant which the flow monitoring must be completed by Feb 2014. Also flow monitoring is time sensitive (we need dry weather and wet weather flow data for proper analysis). The flow data is needed to help us direct the spending of the SRL funds for improvement projects in 2014 that are needed to remove I & I and minimize sewer manhole overflows during high rainfall events. Due to the timing of the THWI grant and window of opportunity for good dry weather and wet weather flow data, I hope Council will consider moving forward with the planned flow monitoring.

I also believe more in-house work going forward could be very beneficial to Crossville given proper planning and funding for long term system improvements. Should you need to discuss or would like more information, please let me know.

Thanks, Clark

