

From: Grayson Bottom

Sent: Monday, December 02, 2013 4:50 PM

To: Gary Cooper; Tammy Kretchmar DeSpain; Donna Yanda; John Alberts; Ken Smith; Michael McEachern; Nick Grba

Subject: City Council Update

I wanted to make a few comments concerning our Study Session topic in advance of the meeting. First a little recent background. We currently can produce at peak times of the year (July and August) from our 15 wells 1.5 million gallons of water per day. That water does not meet water purity standards due to the amount of Arsenic being above 10 parts per 1 billion. We have a water purchase contract with OKC to purchase treated water in order to blend with our water in order to meet the water purity standards. At peak times of the year we have a demand of 3.2 million gallons per day. At the present we have just over 25,000 people using that 3.2 million gallons at peak usage.

I really don't think it is a very big stretch for Yukon to be over 50,000 people within 25 years. If you carry those numbers on out we would be needing 6.4 million gallons per day at peak usage. For us to continue our growth we must find a third source of water. From the research that has been completed I believe that the most viable option lies in the treatment of brackish water also known as desalinization. We have been presented with very raw and unproven data that we are sitting on a very large formation of brackish water that would meet not only our needs but the needs of Canadian County for many decades.

What is being proposed is for Guernsey Engineering to "prove up" the data by drilling exploratory and test wells.

In my view, we have very little choice but to continue forward. I do not since an attitude of stopping the growth. I'm not sure we could if we wanted to except by turning off the water. A wise person once said, "If you want to cause civil unrest just turn off the water and don't pick up the trash." Yukon has been a part of COWRA from the beginning. After all these many years we have a project that most believe will pay huge dividends. It is also important to have partners in order to lower the cost for each individual community.

We have only one action item for your consideration under the City Council agenda. You are being asked to consider approving an expenditure of funds in the amount of \$37,000 to Utley and Associates, as an independent flood investigation of three primary areas north of Main Street from basically Frisco Road northeast to the river. This was one of the suggested outcomes of our meetings concerning the re-plat of the Frisco Ridge housing development.

The last agenda item is to convene in Executive Session to discuss my contract that expires in January.



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