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December 5, 2017

To: Our Valued Water Customer
Subject: Changes in Corrosion Control Treatment

Within the next couple of weeks, Greenwood CPW staff at the W.R. Wise Water Treatment Plant will begin feeding additional lime and carbon dioxide into the water to improve the stability of the water to make it less corrosive to metal pipe materials. In the finished drinking water, the average calcium hardness and alkalinity levels are 20.1 mg/L, with a saturation index of -1.0. By feeding additional lime and carbon dioxide, our treatment goal for finished water calcium hardness and alkalinity will be approximately 40 mg/L, with a saturation index near zero. These goals were established by conducting extensive pilot studies at the water treatment plant using controlled pipe loops, testing different types of corrosion control chemicals and processes.

During the next couple of weeks, the chemical feed systems will be started up and monitored very closely so the appropriate adjustments can be made to meet these established goals in the finished drinking water. In part, these adjustments to the stability of the water will greatly improve the overall corrosion control program for the Greenwood CPW water distribution system.

You should not notice any changes in your water quality. However, if you should have systems within your operations that are sensitive to changes in calcium hardness and alkalinity levels, you may want to consider investigating those systems to make sure you can continue with unhindered operation of those systems.

If you have any questions, please feel free to call me at 864-953-2411.

Respectfully,

C. David Tuck
Water Plant Superintendent