

Dog Ridge Water Supply Co.

P.O. BOX 232 • 7480 FM 2410 • Belton, TX 76513

Phone: (254) 939-6533 • Fax (254) 939-3620

Website: www.dogridgewsc.com

PUBLIC NOTICE

The **Dog Ridge WSC** public water system, (PWS) ID **0140044**, will temporarily convert the disinfectant used in the distribution system from chloramine to free chlorine. The conversion will begin on **February 15, 2020** and continue through **March 15, 2020**. During this period, you may experience taste and odor changes associated with this type of temporary disinfectant conversion.

Public water systems are required to properly disinfect their water and maintain an adequate disinfectant residual in the distribution system. Chloramine, free chlorine combined with ammonia, is widely used as a disinfectant because it persists for long periods while also limiting the formation of disinfection by-product contaminants. Prolonged use of chloramine coupled with other factors that can impact water quality, such as high temperatures or stagnation of water, may result in the growth and/or persistence of organic matter within the pipes of the distribution system, which may hinder the ability to maintain an adequate disinfectant residual. A temporary conversion to free chlorine, partnered with flushing activities, helps to rid distribution pipes of this organic matter and improve the quality of your water overall.

Our supplier, Central Texas WSC has chosen to implement a temporary disinfectant conversion to free chlorine based on the following: Nitrification must be avoided or at least controlled because of its potential effect on disinfectant residuals. To minimize nitrification within the system, we can implement a variety of control strategies. These include periodic free chlorination, increased daily turnover of water in storage tanks, mixing of storage tanks, installation of recirculation and/or rechloramination equipment, and distribution system cleaning. Change in water treatment practices, by altering the chlorine to ammonia ratio, increasing disinfectant residual, adjusting the water PH, and improving total organic carbon (TOC) removal are all part of system improvements.

If you have questions regarding this matter, you may contact **Lafonda Wilsey** at (254)939-6533.