

# Public Notice

## Temporary Disinfectant Conversion From Chloramine to Free Chlorine

The City of River Oaks public water system, (PWS) ID 2200069, will temporarily convert the disinfectant used in the distribution system from chloramine to free chlorine. The conversion will begin on **September 8, 2018** and continue through **October 8, 2018**. 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.

**The City of River Oaks** has chosen to implement a temporary disinfectant conversion to free chlorine based on the following:

The City routinely flushes lines, as well as collects samples and monitors the water quality. Our staff is tasked with ensuring that the water in all points of the system is acceptable to our customers. Over time minerals and metals, which are naturally present in water sources can increase and attach to pipes and release during changes in pressures and velocities, resulting in discoloration or affected taste. Other processes such as nitrification and the growth of biofilm can also occur in water distribution pipes. The biofilm growth can cause a reduction in the effectiveness of the disinfectants over time. The free chlorine will help cleanse the lines but also eliminates the occurrence of nitrification and biofilm, and ensure that we provide quality water for the citizens of River Oaks.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

If you have questions regarding this matter, you may contact **Gordon Smith** at 817-626-5421 ext.322 or **Marvin Gregory III** at 817-626-5421 ext.324.