



## NORTH COLLIN SPECIAL UTILITY DISTRICT

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North Collin Special Utility District, (PWS) ID 0430055, purchases our water from North Texas Municipal Water District (NTMWD). They will temporarily convert the disinfectant used for treating the water in the distribution system from chloramine to free chlorine. The conversion will begin on **March 2, 2020** and continue through **March 30, 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.

Disinfection is a critical part of water treatment to keep water safe. During normal water treatment processes, disinfection is a two-step process that first treats the water at the plant and second adds disinfectant to maintain water quality as it travels long distances through pipes to homes and businesses. Both steps are needed to keep tap water free of harmful microorganisms, such as parasites and viruses.

Each spring for about one month, NTMWD suspends the typical use of ammonia to allow the remaining chlorine to keep the water disinfected as it travels through the system. This temporary change in disinfectant helps maintain the system and high water quality year round. It's important to do this before summer because hotter temperatures can increase the potential for bacterial growth in pipes.

During the change, we will be performing additional flushing to help move the chlorine-disinfected water through the system by flushing water from fire hydrants and other flush valves.

For more information go to [www.ntmwd.com](http://www.ntmwd.com) and click on [Annual Water System Maintenance Planned March 2-30](#)

If you have questions regarding this matter, you may contact Allen Knight @ North Collin Special Utility District. 972-837-2331 [aknight@northcollinsud.com](mailto:aknight@northcollinsud.com)