



City of Lorena
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Lorena, Texas 76655
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Temporary Disinfectant Conversion from Chloramine to Free Chlorine

The City of Lorena, will temporarily convert the disinfectant used in the distribution system from chloramine to free chlorine. The conversion will begin on December 2, 2019 and continue through January 2, 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.

The City of Lorena has chosen to implement a temporary disinfectant conversion to free Chlorine based on the following:

1. Source water suppliers are converting to free chlorine for routine maintenance purposes.
2. Following recommendations set forth by the Texas Commission on Environmental Quality.

If you have questions regarding this matter, you may contact Kevin Neal at 254-857-4641.