



4900 River Oaks Boulevard  River Oaks, Texas  76114

August 9, 2016

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Herman D. Earwood

City Council
Mayor Pro-Tem-Place 4
Joe Ashton

Place 1
JoAnn Butler

Place 2
Steve Holland

Place 3
Bruce Scott

Place 5
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NOTICE TO PUBLIC OF TEMPORARY FREE CHLORINE CONVERSION

The City of River Oaks Water System (ID # 2200069) will perform a routine chlorine burn out to the water system beginning on August 15th and continuing through September 15th, which will help reduce discoloration, odor and taste and improve water quality. During this process, we will perform a chlorine shock and extensive directional flushing to the system to help remove any iron, manganese or other constituents in the water mains.

Possible Noticeable Effects: There are no associated health risks to this process. The customer may experience times of lower water pressures, possible color and taste and odor problems. The City will attempt to remove the particles, color and odor from the mains through directional flushing, but there will still remain the possibility of it getting into customers lines.

Is your water safe to drink? Yes, the City of River Oaks is dedicated to making sure the water is safe to drink and in order to ensure that, we will continually monitor disinfectant residuals during the burn out. However, should you experience odor or taste in your water, it does not mean it is unsafe to drink. Odors are caused by the free chlorine disinfectant cleansing the system.

You may ask why the burn out is necessary? The City flushes fire hydrants monthly to ensure the water we provide is safe and fresh. There are times that water is discolored to a yellow, orange or even brownish color due to cast iron or galvanized water mains and also even galvanized home water lines can cause it. Over time other constituents such as manganese naturally present in water sources can be released with changes in water pressure, resulting in discoloring of water even affecting taste. Manganese is not harmful at the current levels in our system but over time may attach to pipes and release when there are extreme changes in water velocity or pressure.

Nitrification, a microbial process that converts ammonia and similar nitrogen compounds into nitrite and then nitrate can also occur in water systems that use chloramines as we do for disinfection. The burn out is a change in the treatment process from chloramines to free chlorine. Free chlorine is the disinfectant of choice when performing a city-wide maintenance flush that cleanses the lines, stop nitrification and ensure the water continues to be safe to drink.

Questions? Please contact Marvin Gregory at 817-626-5421 extension 324 should you have any further questions or you can visit us on the web at www.riveroakstx.com.

**RIVER OAKS WATER DEPT.
4900 RIVER OAKS BLVD.
RIVER OAKS, TEXAS 76114**