



NORTH
TEXAS
MUNICIPAL
WATER
DISTRICT

North Texas Municipal Water District

Chlorine Maintenance

REGIONAL SERVICE THROUGH UNITY...MEETING OUR REGION'S NEEDS TODAY AND TOMORROW

North Texas Municipal Water District

Administration Building
501 East Brown St.
P.O. Box 2408
Wylie, TX 75098

972.442.5405

www.NTMWD.com

FAST FACTS:

90
COMMUNITIES
SERVED

SERVICE AREA:
2,220
SQUARE MILES IN
10 COUNTIES

1.6 MILLION
POPULATION
SERVED



WATER



WASTEWATER



SOLID WASTE

Chlorine Maintenance

The North Texas Municipal Water District (NTMWD) has scheduled a chlorine maintenance that will be conducted on the NTMWD Wylie, Tawakoni, and Bonham water transmission systems and customers' distribution systems for the 28-day period of March 15, 2017 through April 10, 2017. Annually, NTMWD performs chlorine maintenance prior to the warm months of the year.

Why does the NTMWD perform chlorine maintenance?

The Texas Commission on Environmental Quality (TCEQ) allows water suppliers to perform chlorine maintenance to help reduce the need to flush systems in order to maintain chloramine residuals (required by TCEQ) during the warm weather. The flushing of water lines during warm weather periods helps to maintain water quality to ensure the water supply is safe for human use and consumption. By performing this chlorine maintenance, NTMWD can help other water suppliers save water by reducing the need to flush the lines.

What are chloramines?

NTMWD uses chloramines, a combination of chlorine and ammonia, to provide the disinfectant residual in the transmission and distribution systems as required by TCEQ. Chlorine is our standard secondary disinfection treatment, but the addition of ammonia helps the chlorine to last longer as water travels through miles of pipelines and into water storage tanks. During the chlorine maintenance period, the disinfection residual consists of chlorine alone without the ammonia.





Cameron Buckley
Chief Control Room Operator

Chlorine Maintenance continued...

Why do water suppliers flush water, typically from the fire hydrants, during warm weather periods?

Water providers must maintain water quality that is safe to drink and use. Warmer temperatures can cause the disinfectant concentration to decrease and become less safe to drink. If water tests indicate the disinfectant concentration has dissipated to levels that would affect water quality, water suppliers will flush the water within the pipes so that water with a higher level of disinfectant is present.

Does this process affect drinking water quality?

Chlorine maintenance does not have a negative effect on water quality; the water remains safe for use and consumption. People who are sensitive to taste or odor changes in the water might notice a stronger smell or taste of chlorine during this maintenance period. While water may take on a slightly different taste or smell, the odor and palatability change does not alter the quality of the drinking water provided to consumers.



NTMWD continuously monitors water quality to ensure it meets or exceeds state and federal standards

- NTMWD conducts water quality tests on more than 250,000 samples per year.
- NTMWD monitors and tests the water coming into our supply and the treated water leaving our facilities for delivery.
- NTMWD Member Cities and Customers monitor and test the water they store and deliver to residents and businesses.
- NTMWD publishes monthly and annual water quality reports:
<https://www.ntmwd.com/water-quality/>

Is the chlorine maintenance being conducted as a response to the Flint, Michigan water supply issue?

No, there are no lead pipes in the NTMWD water system. However, some older homes may still have lead pipes or lead-based solder that could leach lead into their water under certain conditions.

Who do I contact if I have questions?

If you have any questions regarding this maintenance, please contact:

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