



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:

ABOUT **80**
COMMUNITIES
SERVED

SERVICE AREA:
2,220
SQUARE MILES IN
10 COUNTIES

1.7 MILLION
POPULATION
SERVED



WATER



WASTEWATER



SOLID WASTE

Chlorine Maintenance to Protect Water Quality

Why does the NTMWD perform chlorine maintenance?

NTMWD performs chlorine maintenance on our water transmission systems and customer's distribution systems prior to the warm months of the year. This annual system maintenance helps optimize the quality of our drinking water.

The Texas Commission on Environmental Quality (TCEQ) allows water suppliers to perform chlorine maintenance to maintain chloramine residuals (required by TCEQ) and help reduce the need to flush systems during the warm weather months. Less hydrant flushing during the summer helps conserve water.

Does this process affect drinking water quality?

Chlorine maintenance does not have a negative effect on water quality. 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. The water remains safe to use and drink.





Cameron Buckley

Chief Water Treatment 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 disinfected water to lose its disinfection concentration 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.

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.



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/>
- Learn more online at
<https://www.ntmwd.com/water-treatment/maintenance/>

Who do I contact if I have questions?

If you have any questions regarding the chlorine maintenance, please contact:

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