Special points of interest:

- NTMWD provides treated drinking water to over 1 million people.
- NTMWD delivered 82.5 billion gallons of potable water during the 2002/2003 Water Year.
- NTMWD ensures water quality surpassing state and federal standards.

NORTH TEXAS MUNICIPAL WATER DISTRICT

Consumer Confidence Report 2004

WATER CONSERVATION
It's the right thing to do.....

Water conservation is the right thing to do.....an activity that promotes the reduction of wasteful practices, an activity that extends our current supplies, and an activity that is accepted by the communities in which we live.
Learn to use water more wisely, follow a few suggestions:

1) **Water your lawn between 10 PM and 6 AM, less evaporation will occur**
2) **Ensure that the sprinkler system irrigates only the lawn and not impervious areas**
3) **Repair leaks and broken sprinkler heads immediately**
4) **Install a rain or freeze censor to your sprinkler system**
5) **Plant drought tolerant or Texas native plants, trees, shrubs and grasses that require less water . Visit www.txsmartscape.com for a listing a suggested plantings.**
6) **Learn to operate your sprinkler system controls properly, thereby ensuring proper watering times and duration of irrigation, and if you have the option for one or more cycles.**

Special Information
For People With Weakened Immune Systems

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons - such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (1-800-426-4791).

Inside this issue:

Turbidity

Turbidity is a measure of the clarity of water. Turbidity has no health effect; however, high turbidity can interfere with disinfection and provide a medium for bacterial growth.

Quality Drinking Water Supplied By NTMWD

Providing safe and reliable drinking water is the highest priority of the North Texas Municipal Water District (NTMWD). NTMWD provides a high-quality potable water supply meeting the daily needs of the 61 cities and communities served within its 1600 square-mile service area. The District prides itself in producing and delivering water to your tap meeting the stringent state and federal standards. Ensuring water quality, NTMWD utilizes up-to-date technology and a five barrier treatment process in order to deliver tap water that is safe for use. The water treatment process removes or reduces particulates, impurities and water-borne microorganisms. NTMWD routinely performs an array of water tests before, during, and after the treatment process to maintain a high-quality water supply delivered to its member and customer cities. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals, as well as substances resulting from human or animal activity. Substances that may be present in untreated water include: biological impurities such as bacteria and viruses; inorganic impurities such as salts and metals; pesticides and herbicides; organic chemicals from industrial or petroleum use; and radioactive contaminants. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of impurities. The presence of impurities does not necessarily pose a health risk. The EPA prescribes regulations, which limit the amount of certain impurities in water provided by public water systems. More information about contaminants and potential health effects may be obtained by calling EPA's Safe Drinking Water Hotline (1-800-426-4791). Federal Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Non-Regulated Substances

Non-regulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA in determining the occurrences in drinking water and whether future regulations are warranted.

CRYPTOSPORIDIUM

- North Texas Municipal Water District has tested the lake water and treated water for the presence of cryptosporidium for many years.
- Cryptosporidium has not been detected in any of the samples tested.
- Cryptosporidium is a protozoan, which is so small it can be seen only with a microscope. It affects the digestive tract of humans and animals.
- At this time, there is no specific drug therapy proven to be effective, but people with healthy immune systems will usually recover within two weeks.

The NTMWD continues to diligently test both source and treated water for the presence of cryptosporidium.

This chart lists the contaminants detected in North Texas Municipal Water District drinking water supplied to Member cities, Customer cities, and individual customers.
As noted , the water quality surpasses standards for each contaminant as required by law.

Substance	Range	Highest Average Sample Point	Maximum Contaminant Level	Maximum Contaminant Level Goal	Possible Source
Regulated at the Treatment Plant					
Atrazine (ppb)	0.60-0.63	0.63	3	3	Herbicide runoff
Barium (ppm)*	0.030-0.032	0.032	2	2	Erosion of natural deposits
Fluoride (ppm)	0.60-0.80	0.80	4	4	Water additive
Nitrate (ppm)	0.61-0.62	0.62	10	10	Runoff from fertilizer
Total THMs (ppb)	27.5-28.3	28.3	80	N/A	By-Product of drinking water disinfection
Simazine (ppb)	0.20	0.20	4	4	Herbicide runoff
Arsenic (ppb)*	ND	ND	10	None	Erosion of natural deposits
Regulated at the Customer's Tap					
Lead (ppm)*	ND	ND	Action Level=15	15	Corrosion of customer plumbing
Copper (ppm)*	0.016-0.062	0.062	Action Level=1.3	1.3	Corrosion of customer plumbing
Unregulated Substances					
Sodium*	14.5-17.4	17.4	Not Regulated		Mineral
Sulfate (ppm)	69-79	79	250 proposed		Mineral
Bromodichloromethane (ppb)	11.0-11.0	11.0	Not regulated		By-Product of drinking water disinfection
Chloroform (ppb)	9.9-13.0	13.0	Not regulated		By-Product of drinking water disinfection
Dibromochloromethane (ppb)	4.3-6.6	6.6	Not regulated		By-Product of drinking water disinfection
Bromoform (ppb)	ND	ND	Not regulated		By-Product of drinking water disinfection
MTBE (ppb)	ND	ND	Not regulated		Gasoline Additive
Metolachlor	<0.2	<0.2	Not regulated		Herbicide
		Average	**Maximum Contaminant Level**	**% samples meeting limit**	
Turbidity (NTU)*	0.03-0.45	0.11	0.5	100%	Soil runoff
Regulated in the Distribution System (% of samples with coliforms present)					
		Monthly average			
Total Coliform	0.00	0.00	<5% of monthly samples	0	Human and animal waste

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water.

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health.

Treatment Technique - a required process intended to reduce the level of a contaminant in drinking water.

Action Level -The concentration of a contaminant which triggers a treatment or other requirement a water system must follow.

(ppm) - Parts per million. One part per million equals one drop of red dye in 26 gallons of water

(ppb) - Parts per billion. One part per billion is equal to one drop of red dye in a 26,000 gallons of water.

NTU - Nepholometric Turbidity Units. This is the unit used to measure water turbidity.
* 2002 analyses data from most recent testing done in accordance with the regulations.

We Welcome Your Comments

For questions or concerns call the NTMWD Administrative Office, 972/442-5405. NTMWD, created as a Special District of the State of Texas under Chapter 62, Acts of 1951, 52nd Legislature of Texas, holds regular Board of Director meetings normally on the fourth Thursday of each month, with occasional changes due to holidays.

North Texas Municipal Water District

PO Box 2408
505 E. Brown Street
Wylie, Texas 75098
Phone: 972.442.5405
Fax: 972.442.5405

Providing Quality Water Service
While Protecting Water Quality