



North Brookfield Water Department 2006 Drinking Water Quality Report

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Town of North Brookfield, Massachusetts

Board of Water Commissioners:

Tim Nason, Chairman

John Thomasian

James Kularski

Water Department Personnel:

Stephen G. Jones - Superintendent

Richard E. Kennan, Jr. - Plant Operator

Shiela LeBlanc - Administrative Assistant

Monthly Meetings:

Second Monday of each month at 6:00PM

Water Treatment Facility

14 Bell Road, North Brookfield, MA

Office Hours:

Monday –Friday 8:00am—2:00PM

Once again we are pleased to provide you with our annual water quality report for the past year. This report is designed to inform you about the quality water and services we deliver to you every day. Our goal is to provide you with a safe and dependable supply of drinking water that meets all state and federal drinking water standards.

Your drinking water passed all water quality regulations required by the Massachusetts Department of Environmental Protection and the US Environmental Protection Agency. As new challenges to drinking water safety emerge, we will be vigilant in maintaining our objective of providing quality drinking water.

Where Does My Drinking Water Come From?

Your water is provided by the following source listed below:

<u>Source Name</u>	<u>DEP Source ID#</u>	<u>Source Type</u>	<u>Location of Source</u>
Horse (North) Pond	2212000-02S	Surface Water	Oakham Road

The water from Horse Pond flows by gravity to the Raw Water Pump Station on Oakham Rd. It is then pumped up to the Water Treatment Plant on Bell Hill. At the treatment plant the water goes through two mixed media filters that remove any particles and color that is in the water. The water is then disinfected while traveling through the clearwell. It is then pumped to the 1.5 million gallon storage tank that is located right beside the treatment plant. From the storage tank the water flows by gravity to all parts of the town. The amount of water pressure that you have depends on the elevation of your residence.

Completed Water System Improvements:

During 2005 and 2006 the Source Water Protection Committee met regularly to develop a Source Water Protection Plan. This plan identifies watershed vulnerabilities to contamination and describes techniques to manage potentially contaminating land uses. The plan was accepted by the Massachusetts Department of Environmental Protection (D.E.P.) in 2006 and we now are operating under this plan. Every three years it will need to be updated. Developing this plan was very time consuming and we would like to thank the members of the committee who donated their time to help make this plan a reality. The board consists of Rebekah McDermott of the Massachusetts Rural Water Association, Selectmen Bob Lane and Jim Foyle, Water Commissioners Tim Nason and Jim Kularski, Zoning Board member John Krussell, watershed residents Carol Cutrumbes and Jim Mendala, and Water Superintendent Steve Jones. Thanks to all for their time and commitment.

Upcoming projects:

The Water Department has two major projects planned for completion in the upcoming year:

- **Comprehensive Leak Detection Survey** - A more comprehensive leak detection survey is scheduled to take place this summer. This survey will once again help locate water leaks in our distribution system and help us to cut down the unaccounted for water in our system.
- **Water Supply Protection District Bylaw**—The Source Water Protection Committee has developed a Water Supply Protection District Bylaw as recommended under the Source Water Protection Plan and the D.E.P. Source Water Assessment and Protection program. This bylaw would help protect the Horse Pond Reservoir and its watershed from future contamination. The bylaw has been submitted to the Planning Board for their approval and comments prior to being brought to town meeting for a town vote.

Cross Connection Contamination:

Cross connection contamination may occur whenever contaminated or non-potable water flows backwards into a drinking water supply line. A dangerous situation may occur if a connection exists to a harmful liquid and the pressure in your water line drops (due to a fire, water main break, etc.), causing that harmful substance to be drawn back into your drinking water supply. Such harmful household substances may include chemicals used to fertilize grass or kill weeds and bacteria in the water from a wading or swimming pool.

Prevent a Cross Connection:

To prevent a cross connection, never submerge hoses in buckets, pools, tubs or sinks and do not use spray attachments without a backflow prevention device installed on the faucet. These devices are inexpensive and are available at most hardware stores and home-improvement centers. They should be installed on threaded faucets around your home, both inside and out, anywhere you may want to connect a hose to.

If you are the **owner of an industrial, commercial or institutional property**, you **must** have your facility's plumbing surveyed for and protected against cross connections. These devices **must** be tested by a Certified Backflow Prevention Device Tester (yearly or semiannually depending on the type of device) and the test results must be submitted to the Department of Environmental Protection. Currently North Brookfield arranges for these tests to be conducted, by Toomey Water Services, as required by law and bills the property owner for the cost of this testing.
