



North Brookfield Water Department 2009 Drinking Water Quality Report

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Town of North Brookfield, Massachusetts

PWS ID# 2212000

Board of Water Commissioners:

James Kularski, Chairman

Tim Nason

John Thomasian

Water Department Personnel:

Stephen G. Jones - Superintendent

Richard E. Kennan, Jr. - Plant Operator

Shiela LeBlanc - Administrative Assistant

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.

As new challenges to drinking water safety emerge, we will be vigilant in maintaining our objective of providing quality drinking water.

Customer Input Opportunities:

Board of Water Commissioners Meetings:

Second Monday of each month at 6:00PM

(and as posted with Town Clerk)

Water Treatment Facility

14 Bell Road, North Brookfield, MA

Office Hours:

Monday –Friday 8:00am—2:00PM

Where Does My Drinking Water Come From?

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 removes particles in the water. The water is 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.



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

COMPLETED WATER SYSTEM IMPROVEMENTS:

Horse Pond Dam Construction Design—During 2009 the construction engineering design plans for repairs to the Horse Pond Dam were completed by Lenard Engineering and submitted for approval to the Massachusetts Office of Dam Safety. Improvements include a new spillway, new low level gate valve, buttressing of the downstream bank to increase stability, and removal of all trees in the dam area.



The Water Department is continuing to work with other town officials to fund the repairs to the Horse Pond Dam needed to bring the dam into compliance with the standards of the Office of Dam Safety. At the time of this printing, the Town is seeking funding through the USDA Rural Development.

The Town of North Brookfield is still under a Consent Order from the state to bring the dam up to standards required by the Office of Dam Safety. The town has received time extensions that now has the completion date at January, 30, 2011. A fine of \$500 per day may be levied on the town for each day past this date that the dam is not repaired.

Horse Pond Fishing Permits -The Board of Water Commissioners has established Horse Pond Reservoir Fishing Policies and a fishing permit process for those wishing to fish on Horse Pond. These permits can be obtained at the North Brookfield Water Department Office from 8-2 Monday through Friday . The one time cost of this permit is \$5.00.



Leak Detection —The Water Department conducted the biennial leak detection during 2009. A leak on a hydrant on Ward Street was discovered and repaired. These leak detection surveys have helped reduce the amount of unaccounted-for-water from 36% in 2002 to 11% in 2009.

UPCOMING PROJECTS:

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

- **Pressure Issues**—The Water Department is looking to resolve low pressure issues by users in the higher elevations of town. If you are experiencing low pressure issues, please contact the Water Department so that we can assist you in obtaining a resolution. According to the Department of Environmental Protection, a minimum of 20 psi must be supplied by the water system.
- **Horse Pond Dam Repairs**—The Water Department will continue to work with Lenard Engineering in obtaining financial assistance and in any capacity necessary to bring the Horse Pond Dam back into compliance with the requirements of the Office of Dam Safety.
- **Storage Tank Cleaning**—The 1.5 million gallon storage tank is scheduled for cleaning this summer. Cleaning of the storage tank is done every 5 years.
- **Water Billing Changes**—Beginning July 1, 2010 the Water Department will be instituting a minimum fee per meter for all water users. The minimum bill amount will be \$45.00 for the first 5,000 gallons of water used. This change will ensure that all water users contribute equally to the fixed costs needed to run this department. After much review the Board of Water Commissioners voted to adopt the minimum fee that would have the least impact on the water users.

