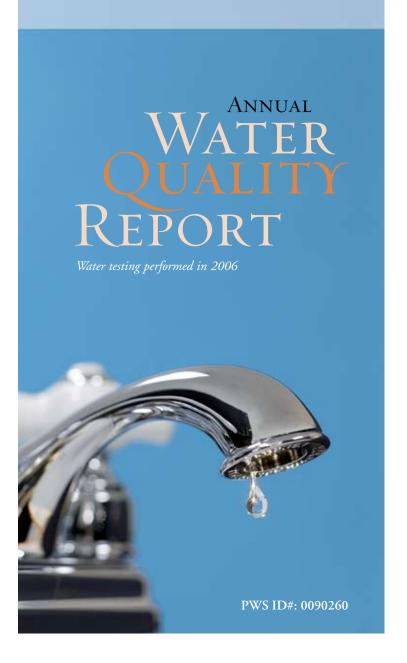
Proudly Presented By:
BRUNSWICK AND
TOPSHAM WATER
DISTRICT



Where Does My Water Come From?

Our sources of supply are all groundwater taken from various wells, as follows:

- Jackson Station, Topsham: one 24-inch-diameter well, one 18-inch-diameter well
- Jordan Avenue Station, Brunswick: 138 2.5-inch-diameter wells
- Taylor Station, Brunswick: one 24-inchdiameter well, one 18-inch-diameter well, and one 12-inch-diameter well
- Williams Station, Brunswick: one 12-inchdiameter well

Our water distribution system includes approximately 110 miles of water main, three storage tanks, 6,500 services, and 800 private and public hydrants. In 2006 we delivered an average of approximately 2 million gallons of water per day to our customers.



How Is My Water Treated and Purified?

At all of our sources, we add sodium hypochlorite (chlorine) to protect against bacteriological contaminants and fluoride to promote dental health. We also add sodium-zinc polyphosphate to inhibit corrosion of the distribution system piping and to reduce lead and copper corrosion of internal plumbing systems. The water from the Jackson and Taylor wells is filtered to remove iron and manganese caused by erosion of natural deposits in the sand and gravel aquifer. The pH of the water from the Jordan Avenue well field is adjusted using aeration to reduce the corrosivity of the water.

Continuing Our Commitment

once again we proudly present our annual water quality report. This edition covers all testing completed from January 1 through December 31, 2006. We are pleased to tell you that our compliance with all state and federal drinking water laws remains exemplary. As in the past, we are committed to delivering the best quality drinking water. To that end, we remain vigilant in meeting the challenges of source water protection, water conservation, and community education while continuing to serve the needs of all of our water users.

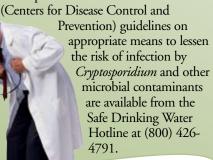
If you have any questions or comments about this report or any other aspect of our operations, please contact Alan J. Frasier PE, General Manager, at (207) 729-9956 (phone), (207) 725-6470 (fax), or ajfrasier@btwater.org (email).

Community Participation

We want our valued customers to be informed about their utility. Feel free to attend our monthly board meetings held on the second Monday of each month at 5:30 p.m. at our office located at 266 River Road in Topsham. Please visit our Web site at www.btwater.org.

Important Health Information

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 may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC

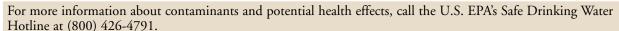


Substances That Might Be in Drinking Water

To ensure that tap water is safe to drink, the U.S. EPA prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of these contaminants does not necessarily indicate that the water poses a health risk.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals, in some cases, radioactive material, and substances resulting from the presence of animals or from human activity. Substances that may be present in source water include:

- Microbial Contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, or wildlife;
- **Inorganic Contaminants**, such as salts and metals, which can be naturally occurring or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;
- **Pesticides and Herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses;
- Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and may also come from gas stations, urban stormwater runoff, and septic systems;
- Radioactive Contaminants, which can be naturally occurring or may be the result of oil and gas production and mining activities.



SWAP

In 1996, amendments to the federal Safe Drinking Water Act (SDWA) required each state to complete assessments for each public water supply source. The assessments identify and describe conditions that may threaten the quality of water available to consumers. These assessments are the focus of Maine's Source Water Assessment Program (SWAP). The State of Maine Drinking Water Program (DWP) completed its SWAP report for the Brunswick and Topsham Water District in 2003. The report was sent to municipal officials in Brunswick and Topsham. The report can be viewed by contacting the Brunswick and Topsham Water District.

The responsibility for protecting public water supply sources from contamination falls largely to the public water suppliers. But the municipal officials, not water suppliers, make land-use decisions. This means that protection of public water supplies requires a partnership between water suppliers, state and federal regulators, local landowners, and municipalities.

Categories of risk evaluation for public water sources include well type and site geology; existing and future risk of acute contamination; and existing and future risk of chronic contamination. The following is a summary of the assessment provided by the DWP. If you have any questions or comments, feel free to contact the Brunswick and Topsham Water District.

The DWP has assessed the risk of all our water sources, based on type and geology, to be at the moderate level. The only practical means of reducing the risk is through replacement of the source. Acute contaminants, such as pathogens, nitrates, and nitrites, are those that can make people sick immediately after being consumed. The DWP has assessed all of our sources to have low risk for existing and future acute contamination. Chronic contaminants are those that pose a health risk if consumed over many years. The DWP has assessed our sources to have, on average, moderate risk for existing and future chronic contamination.

Radon

The highest radon level for our system was 587 picocuries per liter (pCi/L), taken in December of 2004. Radon is found in soil and bedrock formations and is a water soluble, gaseous by-product of uranium decay. Most radon is released to the air moments after turning on the tap. Only about 1% to 2% of the radon in air comes from drinking water. The U.S. EPA is proposing setting lower standards for public drinking water between 300 and 4,000 pCi/L. The State of Maine currently recommends follow-up action (or treatment) for radon levels in drinking water above 20,000 pCi/L. Breathing radon released to air from tap water increases the risk of lung cancer over the course of your lifetime. If you wish to seek more information about radon, please call (800) SOS-RADON, or contact the State Drinking Water Program and request a Radon Fact Sheet.

Contamination from Cross-Connections

Cross-connections that contaminate drinking water distribution lines are a major concern. A cross-connection is formed at any point where a drinking water line connects to equipment (boilers), systems containing chemicals (air conditioning systems, fire sprinkler systems, irrigation systems) or water sources of questionable quality. Cross-connection contamination can occur when the pressure in the equipment or system is greater than the pressure inside the drinking water line (backpressure). Contamination can also occur when the pressure in the drinking water line drops due to fairly routine occurrences (main breaks, heavy water demand), causing contaminants to be sucked out from the equipment and into the drinking water line (backsiphonage).

Outside water taps and garden hoses tend to be the most common sources of cross-connection contamination at home. The garden hose creates a hazard when submerged in a swimming pool or when attached to a chemical sprayer for weed killing. Garden hoses that are left lying on the ground may be contaminated by fertilizers, cesspools or garden chemicals. Improperly installed valves in your toilet could also be a source of cross-connection contamination.

Community water supplies are continually jeopardized by cross-connections unless appropriate valves, known as backflow prevention devices, are installed and maintained. We have surveyed all industrial, commercial, and institutional facilities in the service area to make sure that all potential cross-connections are identified and eliminated or protected by a backflow preventer. We also inspect and test each backflow preventer to make sure that it is providing maximum protection.

For more information, review the *Cross-Connection Control Manual* from the U.S. EPA's Web site at www.epa.gov/safewater/crossconnection.html. You can also call the Safe Drinking Water Hotline at (800) 426-4791.

Waivers

The Sate of Maine Department of Health and Human Services can grant waivers such that Maximum Contaminant Level or treatment technique requirements do not have to be met under certain conditions. We have not requested or received any variances.

The state can also grant testing waivers to water utilities that have shown negative test results of contaminants for at least three consecutive years. The watershed must have no previous production, storage, disposal, or transportation of such contaminants or materials that may cause these contaminants. The Brunswick and Topsham Water District has been granted a waiver for synthetic organic compound (SOC) testing at all of our sources until the end of 2007.



System Improvements

We are continually working to improve our capabilities to provide high quality water to every tap. The District has implemented a program to refurbish the filters at our Jackson Station, which were originally installed in 1991. The filters are used to remove iron and manganese. Filters for iron and manganese removal were also installed at our Taylor Station in 2000. Construction of our new Jordan Avenue pumping and treatment facility was completed in the summer of 2001. The station ensures that we can reliably meet water system demands. The station included treatment systems to adjust the pH of the water, which minimizes corrosion of pipe and internal plumbing systems.

In 2005 we completed the construction of a new 4-million-gallon concrete storage tank in Topsham. This replaced a 93-year-old tank that was located at the same site.

Also in 2005, we developed a new 24-inch well at our Jackson Station and are currently underway in the development of an additional well at our Taylor Station. These new supplies will provide a backup water source in the even of equipment failures. They will also provide us with more operational flexibility for performing regular maintenance on our wells.

Information on the Internet

The U.S. EPA Office of Water (www.epa. gov/watrhome) and the Centers for Disease Control and Prevention (www.cdc.gov) Web sites provide a substantial amount of information on many issues relating to water resources, water conservation and public health. Also, the Maine Drinking Water Program has a Web site (www. maine.gov/dhhs/eng/water) that provides complete and current information on water issues in Maine, including valuable information about our watershed. The Brunswick and Topsham Water District recently created a Web site that can serve to answer many of your comment questions. Also, you will find meeting minutes, common forms/ applications, and much more. Go to www.btwater. org and look around as new items are being added every day.

What's in My Water?

The Brunswick and Topsham Water District routinely monitors for contaminants in your drinking water according to federal and state laws. The following table shows any detection resulting from our monitoring for the period of January 1 to December 31, 2006. Regulated contaminants that were below detectable levels are not shown. If no tests were required for a given contaminant in 2006, the law requires that the most recent test results be included here. Test results that are more than five years old are not allowed.

The state requires us to monitor for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken.

REGULATED SUBSTANCES							
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	MCLG [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	N TYPICAL SOURCE
Alpha Emitters (pCi/L)	2006	15	0	1.45	NA	No	Erosion of natural deposits
Combined Radium (pCi/L)	2002	5	0	0.37	NA	No	Erosion of natural deposits
Fluoride (ppm) ²	2006	4	4	1.37	NA	No	Erosion of natural deposits; Water additive to promote strong teeth; Discharge from fertilizer and aluminum factories
Haloacetic Acids [HAA] (ppb)	2006	60	NA	58	NA	No	By-product of drinking water disinfection
Nitrate (ppm)	2006	10	10	1.44	NA	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
TTHMs [Total Trihalomethanes] (ppb	2006	80	NA	78.925	NA	No	By-product of drinking water chlorination
Tap water samples were collected from sample sites throughout the community							
SUBSTANCE YEAR ACTION (UNIT OF MEASURE) SAMPLED LEVEL ³ I			AMOUNT DETECTED (90 th %tile)	SITES ABOVE ACTION LEVEL VIOLATION		_ATION T	YPICAL SOURCE
Copper (ppm)	2005 1	.3 1.3	0.55	0		I	Corrosion of household plumbing systems; Crosion of natural deposits; Leaching from wood preservatives
Lead (ppb)	2005 1	5 0	1	0		No (Corrosion of household plumbing systems;

Action Level over 5 pCi/L requires testing for radium. Action Level over 15 pCi/L requires testing for radon and uranium.

Table Definitions

AL (Action Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MCL (Maximum Contaminant Level): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking

water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG (Maximum Residual Disinfectant Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not

reflect the benefits of the use of disinfectants to control microbial contaminants.

NA: Not applicable

Erosion of natural deposits

pCi/L (**picocuries per liter**): A measure of radioactivity.

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

² Fluoride levels must be maintained at 1-2 ppm for those water systems that fluoridate the water.

³ Action Levels (ALs) are measured at consumer's tap. 90% of the tests must be equal to or below the Action Level.