

2020 Consumer Confidence Report

Great Brook

Federal Hill

Bartlett Commons

Milford, NH

PWS ID# 1561010

What is a Consumer Confidence Report?

The Consumer Confidence Report (CCR) details the quality of your drinking water, where it comes from, and where you can get more information. This annual report documents all detected primary and secondary drinking water parameters, and compares them to their respective standards known as Maximum Contaminant Levels (MCLs).

NOW IT COMES WITH A LIST OF INGREDIENTS.



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 and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants 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, and wildlife.

Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water 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 storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also, come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations which limit the amounts of certain contaminants in water provided by public water systems. The US Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

What is the source of my drinking water? The Town of Milford water supply consists of three gravel packed wells, known as the Curtis Wells, and is located in southwestern Amherst. The water is chemically adjusted with Sodium Hydroxide to maintain a neutral pH; Calcium Hypochlorite to control bacteria; and Zinc orthophosphate in order to control lead and copper for corrosion, and control of trace metals. As a supplementary source of water, Milford has an inter-municipal connection with the Pennichuck Water distribution system. used during peak demand periods 2019 had 13.12% water from Pennichuck.

Why are contaminants in my water? Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Do I need to take special precautions? Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised 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* and other microbial contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Source Water Assessment Summary

DES prepared drinking water source assessment reports for all public water systems between 2000 and 2003 in an effort to assess the vulnerability of each of the state's public water supply sources. Included in the report is a map of each source water protection area, a list of potential and known contamination sources, and a summary of available protection options.

Source Name	Date	Low	Med	High
GPW Curtis Well 1	1/31/01	5	3	4
GPW Curtis Well 2	1/31/01	5	3	4
GPW Curtis Well 2A	Assessment not performed			

Note: This information is over 18 years old and includes information that was current at the time the report was completed. Therefore, some of the ratings might be different if updated to reflect current information. At the present time, DES has no plans to update this data.

The complete Assessment Report is available for review. For more information, call *Matt Day* at 800-553-5191 or visit the DES Drinking Water Source Assessment website at <http://des.nh.gov/organization/divisions/water/dwgb/dwssp/dwsap.htm>

How can I get involved? For more information about your drinking water, please call our laboratory at 800-553-5191 or send an email to customer-service@pennichuck.com. Although we do not have specific dates for public participation events or meetings, feel free to contact us with any questions you may have.

You may also contact the Town of Milford Water Foreman at 249-0664 to report observations of illegal disposal of contaminants. Public participation opportunities include attending meetings held by the Board of Water and Sewer Commissioners every other Tuesday, 6:00 p.m., at the Water Utilities Department, 564 Nashua Street, Milford. Should you have a matter requiring the Board's decision, please contact the Director at 249-0661

Drinking Water Contaminants:

Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. This water system is responsible for high quality drinking water but, cannot control the variety of materials used in your plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing cold water from your tap for at least 30 seconds to 2 minutes before using water for drinking or cooking. Do not use hot water for drinking and cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 800-426-4791 or at <http://water.epa.gov/drink/info/lead/index.cfm>.

Definitions

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

Maximum Contaminant Level or MCL: 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.

Maximum Contaminant Level Goal or MCLG: 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.

Maximum Residual Disinfectant Level or MRDL:

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.

Maximum Residual Disinfectant Level Goal or MRDLG: 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.

Level I Assessment: A study of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system.

Abbreviations

NA: Not Applicable

ND: Not Detectable at testing limits

pCi/L: picroCurie per Liter

ppt: parts per trillion

ppb: parts per billion

ppm: parts per million

90th Percentile – Out of every 10 homes sampled, 9 were at or below this level

2020 Report (2019 Data)

Inorganic Contaminants	Year Collected	Highest Detect	Range Detected	MCL	MCLG	Violation Yes/No	Typical Source of Contaminant
Barium (ppm)	2017-2019	0.018	0.017-0.018	2	2	No	Geological; oil/gas drilling, painting, industrial waste
Synthetic Organic Contaminants							
Diquat (ppb)	2019	3.5	ND – 3.5	20	0	No	Herbicide
Disinfectant and Disinfection By-Products	Year Collected	Highest Detected	Range	MCL	MCLG	Violation Yes/No	Typical Source of Contaminant
Chlorine (ppm)	2019	0.32	0.02 – 1.0	4-MRDL	4-MRDLG	No	Water additive used to control microbes.
Total Trihalomethanes (ppb)	2019	26.2	13.2 – 26.2	80	0	No	By-product of drinking water chlorination
Haloacetic Acids (ppb)	2019	9.5	4.1 – 9.5	60	0	No	By-product of drinking water chlorination
Lead and Copper	Year Collected	90 th Percentile	Action Level	MCLG	Sites above AL	Violation Yes/No	Typical Source of Contaminant
Lead (ppb)	2018	ND	15	0	0	No	Corrosion of household plumbing system; erosion of natural deposits
Copper (ppm)	2018	0.342	1.3	1.3	0	No	

Secondary Contaminants				
Tests	Date	Range Detected	SMCL	Typical Source of Contaminant
Manganese (ppb)	2017-2019	46 - 55	50	Geological
Sodium (ppm)	2017-2019	20.5- 48.7	100 - 250	Road salts, septic systems (salt from water softeners)
pH (SU)	2017-2019	5.82 – 7.4	6.5 – 8.5	Precipitation and geology

LEVEL I ASSESSMENT

During the past year we were required to conduct Assessment(s)	Number of assessments required in the reporting year	Number of assessments completed in the reporting year	Number of corrective actions required	Number of corrective actions completed	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments
11/12/19	1	1	1	1	