The Village of Hyde Park

Water Supply Department

2010 Water Quality Report

Source

The Village of Hyde Park operates and maintains a natural spring located on the Heath property on the North Hyde Park Road. This source of natural groundwater supplies water to approximately 225 households generally located, but not consolidated to, the Village of Hyde Park .

Goal

This report is to inform you, the consumer, of the quality of water that we provided and delivered to you each day for the calendar year 2009. This report includes health information regarding drinking water, details about what your water contains and how it compares to U.S. Environmental Protection Agency (EPA) and State Standards. The Village of Hyde Park's goal is to provide you with a safe and dependable supply of drinking water and to help you understand how this is accomplished.

Safe Drinking Water Hotline

1-800-426-4791

www.epa.gov/OGWDW

For information on water conservation please visit:

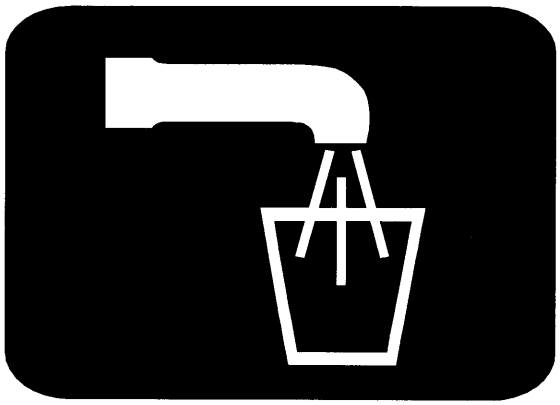
WWW.EPA.GOV/WATERSENSE/

Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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 microbiological contaminants are available from EPA's Safe Drinking Water Hotline (1-800-426-4791).

All 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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Safe Drinking Water Hotline.

Infants and children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home plumbing. If you are concerned about elevated lead levels in your homes water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline (800-426-4761).



The Village of Hyde Park has a **Source Protection Plan** which indicates sources of potential contamination. Currently, residences are the only development within the Wellhead Protection Area. Residents in this area have been notified in writing of their location to the WHPA. Their cooperation has been requested for managing potential contamination sources such as septic systems, lawn and garden chemicals, household chemicals, and/or auto fluids. The complete Source Protection Plan is available at the Village Office located at 344 VT 15W, Hyde Park, Vt.

The State of Vermont Water Supply Division approved our source protection plan on March 20, 1995. For more information about source protection plans, you may contact the Water Supply Division Source Water Protection Section at (802) 241-3400.

The Sources of drinking water (both tap water and bottled water) include surface water (streams, lakes) and ground water (springs and wells). As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals. It also picks up substances resulting from the presence of animals and human activity. Some "contaminants" may be harmful. Others, such as iron and sulfur, are not harmful. Public water systems treat water to remove contaminants, if any are present.

In order to ensure that your water is safe to drink, we test it regularly according to regulations established by the U.S. Environmental Protection Agency and the State of Vermont. These regulations limit the amount of various contaminants:

Contaminants that may be present in source water before we treat it 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***, may come from a variety of sources such as storm water run-off, agriculture, and residential users.
- ***Radioactive Contaminants***, which can be naturally-occurring or the result of mining activity.
- ***Organic contaminants***, includes synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also come from gas stations, urban storm water run-off, and septic systems.

Water Quality Data:

The table below lists all the drinking water contaminants that we detected during the past year. It also includes the date and results of any contaminants that we detected within the past five years if tested less than once a year. The presence of these contaminants in the water does not necessarily show that the water poses a health risk.

Terms & abbreviations:

* *Maximum Contamination Level Goal (MCLG):* The "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLG's allow for a margin of safety.
* Maximum Contamination Level (MCL): The "Maximum Allowed" MCL is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.
* *Action Level (AL):* The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
* *90th Percentile:* Ninety percent of the samples are below the action level. (Nine of ten sites samples were at or below this level).
* *Parts Per Million (ppm) or Milligrams per liter (mg/l):* (one penny on ten thousand dollars)

Detected Contaminants HYDE PARK WATER SYSTEM

Microbiological	Result	MCL	MCLG	Typical Source
No detected results were found in the calendar year 2009				

Chemical Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
NITRATE	2/4/2009	0.3	0.3	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits

Radionuclide	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination
No detected results were found in the calendar year 2009							

Disinfection By Products	Monitoring Period	RAA	Range	Unit	MCL	MCLG	Typical Source
No detected results were found in the calen dar year 2009							

Lead & Copper	Date	90th Percentile	95th Percentile	Range	Unit	AL	Site Over AL	Typical Source
Copper Free	2005-2007	0.148	0.219	0.028—0.29	ppm	1.3	0	Corrosion of hous ehold plumbing systems; erosion of natura l deposits: Leaching from wood pres ervatives

Violations that occurred during the year

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. The below table list any drinking water violations we incurred during 2008. A failure to perform required monitoring means we cannot be sure of the quality of our water during that time.

Type	Category	Analyze	Compliance Period
There were no violations that occurred in the calendar year of 2009			

Should you have any questions regarding this report you may direct them to:

Karen Wescom-Village Administrator (802) 888-2310

Don Waterhouse-Water Supervisor (802) 888-7381

OR

The Board of Trustees , PO Box 400, Hyde Park, Vermont 05655

The Board of Trustees also meet the second Wednesday of each Month @ 6:00PM at the Lanpher Memorial Library in Hyde Park. All meetings are open to the public.

A Copy of this report is also published on the Town/Village website @ www.hydeparkvt.com