

## Lyman Meadow Water System

Lyman Meadow's water system consists of a drilled well and a 40,000 gal storage tank. The water mains are a mix of 4 and 8 inch lines supplying potable water and fire protection. The well is a **Rock Well (Vermont Source Type), Groundwater, non purchased (EPA Source Type)**. This means it is drilled in bedrock and produces groundwater. It is named **Well (Source Name)**.

A recent requirement of the Safe Water Drinking Act was for communities to take a look at where drinking water comes from and develop a plan to protect its sources. The **Water Supply Division approved Lyman Meadow's Source Protection Plan on 9/24/96; a copy is available at the Water Dept Office 482-6097. Some potential sources of contamination within Lyman Meadow's Source Protection Area include: private septic systems, underground storage tanks and pulled underground storage tanks, above ground storage tanks and sewer lines.**

If you have questions, concerns, or comments please contact:

Water System Operator      Steve Button 482-6097  
Buildings/Facilities Director Rocky Martin 482-2096  
Selectboard Chair              Jon Trefry 482-2096

Issues concerning the Water System are discussed at Selectboard meetings held the first and third Mondays of every month at 7:00 PM in the Hinesburg Town Hall. Contact Jeanne Wilson at 482-2096 to schedule a time to be on the Selectboard's agenda.

The Water Department has taken steps to improve security at its facilities and continues to assess vulnerability to address identified risks. We urge you to contact water system personnel if you notice any suspicious activities related to the water system.

## Water Quality Summary

Listed below are the contaminants detected in Lyman Meadow's water in the past 5 years.

**All contaminants are below allowed levels.** We tested for an additional 80 contaminants which were **NOT** detected.

Radionuclides	Level Detected	MCL	MCL G	Sample Date	Violation (Yes/No)	Likely Source of Contamination
Gross Alpha	2.8	10	0	3/27/07	NO	Erosion of natural deposits
Microbiological	Results	MCL	MCL G	#of samples in 2009	Violation (yes/no)	
No detected results	*			12	NO	*No detected results in 2009

Contaminant Detected	90th Percentile (Amount Detected)	Action Level	Sample Date	# of samples	# samples exceeding Action Level	Likely source of detected contamination
Lead	1.5 ppb	15 ppb	8/29/07	5	0	Corrosion of household plumbing; erosion of natural deposits
Copper	0.11 mg/l	1.3 mg/l	8/29/07	5	0	Corrosion of household plumbing; erosion of natural deposits

**Lyman Meadow had no violations in 2009**

### Definitions and Abbreviations

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 best available treatment.
MCLG	Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected health risk. MCLGs allow for a margin of safety.
Action Level	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements.
ppm	Parts Per Million (One penny in ten thousand dollars)
ppb	Parts Per Billion (One penny in ten million dollars)
pci/l	Picocuries per Liter: A measure of radioactivity in water
mg/l	Milligrams per liter (parts per million)

## Substances Found in Drinking Water

Sources of drinking water (both tap and bottled water) include rivers, lakes, reservoirs, streams and wells. As water travels over land surfaces or through the ground, it dissolves and picks up naturally occurring minerals and radioactive material, and can be polluted by animals or human activity. Contaminants that might be expected in untreated water include: biological contaminants such as viruses and bacteria; inorganic contaminants such as metals and salts; pesticides and herbicides; organic chemicals from industrial or petroleum use; and naturally occurring radioactive materials. To ensure that tap water is safe to drink, the Environmental Protection Agency (EPA) prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. 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 EPA's Safe Drinking Water Hotline (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 providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other contaminants are available from the Safe Drinking Water Hotline.

**Town of Hinesburg  
PO Box 133  
Hinesburg VT 05461**

## Lyman Meadow Water System Water Quality Report for 2009

The Town of Hinesburg Water Department is committed to providing our customers with high quality drinking water that meets or exceeds state and federal standards. To ensure that your water is safe, it is sampled by the operators and analyzed by a contract laboratory approved by the State for compliance monitoring. The Safe Drinking Water Act directs the state, along with the EPA, to establish and enforce minimum drinking water standards. These standards set limits on certain biological, organic, inorganic and radioactive substances sometimes found in drinking water. Primary drinking water standards set achievable levels of drinking water quality to protect your health. Secondary standards provide guidelines regarding the taste, color, odor and other aesthetic aspects of drinking water which do not present a health risk.

We are pleased to provide you with this report about where your water comes from, what it contains and how it compares to state and federal standards. This report lists any contaminants that were **detected**, even though they were below the "danger level" set by state and federal guidelines.

Any questions about this report should be directed to Steve Button at 482-6097 or Rocky Martin at 482-2096.