

Water Quality Report

Montgomery Water Department

July 2009. Issue #10

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state. The Water Supply Division is reviewing our source protection plan for our new site.

Our systems possible sources of contamination are minimal. Working with adjacent land owners, we were successful in keeping possible contamination at a minimum. We have more information available upon request. at our offices.

Health information:

Some people may be more vulnerable to contaminants in drinking water than 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 systems 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.

Sources of Drinking Water and Contaminants:

The sources of drinking water (tap or 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.

Quality On tap

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Montgomery Water Department #5125

This report is a snapshot of the quality of water we provided for January 1 through December 31, 2008 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. Included are details about where your water comes from, what it contains, and how it compares to U.S. Environmental Protection Agency (EPA) and state standards. **The Montgomery Water System complies with all State and Federal regulations and standards**

Water Source Information

Our Water Source is:

Vermont Source Type: **Rock Well**

EPA Source Type: **Groundwater, Non - Purchased**

Well Source Location: **Fuller bridge road Well R**

Source Protection Plan (SPP):

A Source Protection Plan is needed to ensure that our well head and a wide area around it does not become contaminated. We drew our SPP and submitted it to the

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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 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 can also come from gas stations, urban stormwater runoff, septic tanks, and careless disposal of household chemicals,
- ✓ *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, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Water Quality Data:

Terms:

- **Maximum Contamination Level Goal (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 Contamination Level (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.
- **Action Level** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- **Treatment Technique** A required process intended to reduce the level of a contaminant in drinking water.
- **90th Percentile Calculations**

For routine sampling done on lead and copper, We sample 5 locations. The 4th and 5th sites make up the 90th %, an average is taken to determine if the MCLs are exceeded.

MONTGOMERY WATER SYSTEM:

Lead and Copper results from 2005. Copper...Action Level 1.3 ppm . Our test results were 0.11ppm.

Lead... Action Level 15ppb. Our test results were < 3.000ppb.

All sites sampled were far below the action level. Likely sources of detected contaminants would be from corrosion of household plumbing systems.

Fun Facts:

A fun fact You all should know is that one part per billion is equal to one penny in ten million dollars! It is our commitment to all our users that we will continue to provide you with an excellent product. We had no violations occur during "2008"
QUALITY ON TAP!!!

- ◆ **Owner / Operator**
- ◆ If you have any questions about this report or concerning your water quality utility, please contact the person(s) listed below. We want our customers to be informed about their water quality.

- ◆ **Owner or Official**
- ◆ Town of Montgomery Select Board/Water Commission
- ◆ Montgomery Center Vt. 05471
- ◆ # 802-326-4719
- ◆ **Operator**
- ◆ Mark Brouillette
- ◆ Plant # 326-2278 Home # 326-2197 Cell # 309-8574
- ◆ 529 fuller bridge rd Richford Vt 05476
- ◆ **Assistant Operator**
- ◆ Brent Palmer
- ◆ St Albans Vt
- ◆ Cell # 309-9270
- ◆ Secretary
- ◆ Renee Paterson
- ◆ Office 326-4719
- ◆ Assistant- bookkeeper
- ◆ Deanna Dee Robitaille
- ◆ Montgomery center Vt. 05471

A N A NOTE FROM THE
OPERATOR...

The new water system is working well. Rita Tatro has retired as bookkeeper for the water system we would like to thank Rita for all her years of service and dedication to the Montgomery Water Dept. We are hoping to go to a metered billing system soon you will get a notice in your bill of your estimated

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BE UNDERSTANDING

BE CONSERVATIVE

Mark

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We are hoping to have an open house at the new plant sometime this summer but feel free to stop in anytime to see the new plant.

As always feel free to call me anytime with any problems or questions.

BE UNDERSTANDING

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Mark

• **WATER CONSERVATION TIPS...**

- Don't let water run when brushing your teeth.
- •Flush toilets every other visit unless there are solids.
- Do not water lawns unless they really need it.
- •Do not water gardens unless they need it.
- •Don't do small loads of laundry, combine loads if you can.
- •Try to shower a little faster, or with a friend, five less minutes by all of us will make a difference.
- •Please try to do your part in conservation, a little bit by each of us will go a long way.

If you would like to know more please feel free to attend one of our scheduled Selectboard/Water Commission meetings the first and third Monday of the month. Or you can call Mark at 326-2197 or cell at 309-8574 Thank-You