

Annual Drinking Water Report

River Rock Subdivision PWSID# MT0004082

We are very pleased to provide you with this year's Annual Quality Water Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. This report shows our water quality and what it means.

River Rock Subdivision routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2007. Our sampling frequency complies with EPA and State drinking water regulations.

In the table below you will find many terms and abbreviations that may not be familiar to you. To help you better understand these terms we've provided the following definitions and information:

- *Maximum Contaminant Level (MCL)* - The highest level of a contaminant that is allowed in drinking water.
- *Parts per million (ppm) or milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in \$10,000.
- *Parts per billion (ppb) or micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or man made. 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 Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

The Total Coliform Rule requires water systems to meet a stricter limit for coliform bacteria. Coliform bacteria presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public. To comply with the stricter regulation, we have selected proper sampling sites and have complied with repeat monitoring.

Test Results						
Contaminant	Violation (Y/N)	Sample Date	Highest Level Detected	Unit Measurement	MCL	Possible Source of Contamination
Microbiological Contaminants						
Total Coliform Bacteria	N	Monthly	0	N/A	Presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment, sewage leaks, runoff from livestock areas
Fecal (<i>E. coli</i>)	N	Monthly	0	N/A		
Lead and Copper						
Lead	N	09/12/07	10	ppb	Allowed amount 15ppb	Corrosion of household plumbing systems, erosion of natural deposits
Copper	N	09/12/07	0.41	ppm	Allowed amount 1.3 ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Common Metal Contaminants						
Antimony	N	11/19/07	ND	ppm	0.006	Natural deposits found in the surrounding environment
Arsenic	N	11/19/07	ND	ppm	0.01	
Barium	N	11/19/07	ND	ppm	2	
Beryllium	N	11/19/07	ND	ppm	0.004	
Cadmium	N	11/19/07	ND	ppm	0.005	
Chromium	N	11/19/07	ND	ppm	0.1	
Mercury	N	11/19/07	ND	ppm	0.002	
Nickel	N	11/19/07	ND	ppm	N/A	
Selenium	N	11/19/07	ND	ppm	0.05	
Thallium	N	11/19/07	ND	ppm	0.002	
Inorganic Contaminants						
Nitrate +Nitrite (as Nitrogen)	N	08/27/07	0.56	ppm	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Fluoride	N	11/19/07	0.2	ppm	N/A	Natural deposits or chemically added

Organic Contaminants						
Volatile Organic Compounds (VOC)	N	11/19/07	ND	ppb	Varied	Solvents, light weight fuels
Semi-Volatile Organic Compounds	N	11/19/07	ND	ppb	Varied	Heavier weight fuels, chemicals found in some paints
Pesticides and Herbicides						
Pesticides	N	11/19/07	ND	ppb	Varied	Chemical pesticides and herbicides used both on farm and residential land
Herbicides	N	11/19/07	ND	ppb	Varied	
Radionuclide's						
Gross Alpha	N	11/19/07	2.5	pCi/L	15	Naturally occurring
Radium 226	N	11/19/07	ND	pCi/L	5	
Radium 228	N	11/19/07	ND	pCi/L	5	

Thank you for allowing us to continue providing your family with clean, quality water this year.

This report was generated by: Bridger Analytical Lab, Inc. Bozeman, MT-June 2008.