

Annual Drinking Water Quality Report

City of Wolf Point

PWSID#01579
201 4th Ave. South
Wolf Point, MT 59201

We're very pleased to provide you with this year's Annual Water Quality 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. Our water source is groundwater from three wells.

We're pleased to report that our drinking water is safe and meets federal and state requirements.

If you have any questions about this report or concerning your water, please contact **Ward Smith**. He is a certified operator and the Water/Wastewater Superintendent. If you want to learn more about our water, you may call him at **653-1852**, or attend any of our regularly scheduled meetings. They are held on the **third Monday of each month at 7:00 PM at the City Hall**.

The City of Wolf Point routinely monitors for constituents in your drinking water according to Federal and State laws. The following table shows the results of any detects in our monitoring for the period of **January 1st to December 31st, 2005**. For constituents that are not monitored yearly, we have reviewed our records for the last 5 years.

We have monitored for lead and copper, and all of our samples have been in compliance with the Lead and Copper Rule except for 2 homes that exceeded the action level for copper.

Parameter	Sample Date	Violation	90 th % value	Action level	Source of Contamination
Copper	1/31/05	N	1.23	1.3 ppm	Corrosion of plumbing
Lead	1/31/05	N	<1	15 ppb	Corrosion of plumbing

In the tables above and below you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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 (ug/L)-one part per billion corresponds to one minute in 2000 years, or a single penny in \$10,000,000

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

Treatment Technique (TT) - (mandatory language) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - (mandatory language) The "Maximum Allowed" (MCL) is 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 - (mandatory language) The "Goal"(MCLG) is 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.

Picocuries per liter (pCi/L)-picocuries per liter is a measure of the radioactivity in water.

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 Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

TEST RESULTS							
Contaminant	Violation Y/N	Sample Date	Highest Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants							
Fluoride	N	2/17/04	0.65	Ppm	4	4	Erosion of natural deposits
Radioactive Contaminants							
Combined Radium	N	6/12/02	3.8	PCi/L	0	5	Erosion of natural deposits
Disinfection By-products							
Total trihalomethanes (TTHMs)	N	8/8/05	46	Ppb	0	80	By-product of drinking water chlorination
Haloacetic Acids (HAAs)	N	8/8/05	13	Ppb	0	60	By-product of drinking water chlorination

We had 2 violations-we failed to monitor for total coliform in September of 2005, and we failed to sample for the water quality parameters in the first half year of 2005.

We're proud that your drinking water meets or exceeds all other Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that your water **IS SAFE** at these levels.

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or are manmade. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials.

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.

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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

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We have monitored for lead and copper, and all of our samples have been in compliance with the Lead and Copper Rule except for 2 homes that exceeded the action level for copper.

Parameter	Sample Date	Violation	90 th % value	Action level	Source of Contamination
Copper	4/27/04	N	0.73	1.3 ppm	Corrosion of plumbing
Lead	4/27/04	N	5	15 ppb	Corrosion of plumbing

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TEST RESULTS							
Contaminant	Violation Y/N	Sample Date	Highest Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants							
Fluoride	N	2/17/04	0.65	Ppm	4	4	Erosion of natural deposits
Radioactive Contaminants							
Combined Radium	N	6/12/02	3.8	PCi/L	0	5	Erosion of natural deposits
Disinfection By-products							
Total trihalomethanes (TTHMs)	N	7/27/04	28	Ppb	0	80	By-product of drinking water chlorination
Haloacetic Acids (HAAs)	N	7/27/04	13	Ppb	0	60	By-product of drinking water chlorination

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We have monitored for lead and copper, and all of our samples have been in compliance with the Lead and Copper Rule except for 6 homes that exceeded the action level for copper.

Parameter	Sample Date	Violation	90 th % value	Action level	Source of Contamination
Copper	11/17/93	Y	2.06	1.3 ppm	Corrosion of plumbing
Lead	11/17/93	N	5	15 ppb	Corrosion of plumbing

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Inorganic Contaminants							
Fluoride	N	8/9/99	0.72	Ppm	4	4	Erosion of natural deposits
Organic Contaminants							
Total trihalomethanes	N	1/16/03	23	Ppb	0	80	By-product of chlorination
Radioactive Contaminants							
Combined Radium	N	6/12/02	3.8	PCi/L	0	5	Erosion of natural deposits

Our System had one violation-this still being excess copper in some individual's homes. Remember, this contamination is in individual homes, not from the water source. We are working diligently to solve this problem.

Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's disease should consult their personal doctor.

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