

# Annual Drinking Water Quality Report

## Big Sky County Water & Sewer District No. 363 Meadow Village, Gallatin County, Montana PWSID# MT0002384

The 1996 Safe Drinking Water Act amendments require water utilities to provide "Consumer Confidence Reports" (CCR) to their customers by October 19, 1999 and annually thereafter. The intent of the CCR is to enable Americans to make practical, knowledgeable decisions about their health and their environment, promote public health, and to help them understand their local drinking water quality.

The District is pleased to provide you with the first CCR, or 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 4 wells located in sections 35 and 36, Township 6S Range 3E of Gallatin County. This is the area near the golf course at the Meadow Village and also near the Lone Mountain Guest Ranch.

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 **Jim Muscat**. He is the District's certified operator and can be reached at 406-995-2660. We want our customers to be informed about their water utility. If you would like to learn more, the Big Sky County Water & Sewer District No. 363 monthly meetings are held on the 3<sup>rd</sup> Tuesday of each month.

The District routinely monitors for constituents in your drinking water according to Federal and State laws. The following table shows the result of any detects in our monitoring for the period of **January 1<sup>st</sup> to December 31<sup>st</sup>, 1998**. For constituents that are not monitored yearly, we have reviewed our records back to the last time the constituent was monitored.

After completing the state required monitoring, a waiver has been issued for some of the inorganic and organic chemicals. This waiver will be in effect through the year 2001.

We have monitored for lead and copper, and all of our samples have been in compliance with the Lead and Copper Rule.

Parameter	Date	90th % value	Units	Action level	Source of Contamination
Lead	07/10/96	<0.05 ppm	Ppm	15	Household plumbing
Copper	07/10/96	0.17	Ppm	1.3	Household 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 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.

*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.

*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.

TEST RESULTS							
Contaminant	Violation Y/N	Sample Date	Highest Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>							
19. Nitrate (as Nitrogen)	N	11/12/98	1.70	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

**Our system had no violations.** We're proud that your drinking water meets or exceeds all 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 man made. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials.

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. EPA also has a web site where you can search through a database of drinking water information across the country. The web site address is: [http://www.epa.gov/enviro/html/sdwis/sdwis\\_query.html](http://www.epa.gov/enviro/html/sdwis/sdwis_query.html)

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.

**Nitrates:** As a precaution we always notify physicians and health care providers in this area if there is ever a higher than normal level of nitrates in the water supply.

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.

# Annual Drinking Water Quality Report

## Big Sky County Water & Sewer District No. 363 Mountain Village, Madison County, Montana PWSID# MT0002385

The 1996 Safe Drinking Water Act amendments require water utilities to provide "Consumer Confidence Reports" (CCR) to their customers by October 19, 1999 and annually thereafter. The intent of the CCR is to enable Americans to make practical, knowledgeable decisions about their health and their environment, promote public health, and to help them understand their local drinking water quality.

The District is pleased to provide you with the first CCR, or 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 4 wells located in sections 19 and 30, Township 6S Range 3E of Madison County. This is the area surrounding the Lake Levinski at the Mountain Village of Big Sky.

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 **Jim Muscat**. He is the District's certified operator and can be reached at 406-995-2660. We want our customers to be informed about their water utility. If you would like to learn more, the Big Sky County Water & Sewer District No. 363 monthly meetings are held on the 3<sup>rd</sup> Tuesday of each month.

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After completing the state required monitoring, a waiver has been issued for some of the inorganic and organic chemicals. This waiver will be in effect through the year 2001.

We have monitored for lead and copper, and all of our samples have been in compliance with the Lead and Copper Rule.

Parameter	Date	90th % value	Units	Action level	Source of Contamination
Lead	11/12/98	<0.05 ppm	Ppm	15	Household plumbing
Copper	11/12/98	0.80	Ppm	1.3	Household plumbing

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TEST RESULTS							
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<b>Inorganic Contaminants</b>							
19. Nitrate (as Nitrogen)	N	11/19/98	0.28	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

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