

Travois Village Mobile Home Park

PWS #MT0003909

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality covering from January 1 through December 31, 2025. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people such as people with cancer undergoing chemotherapy, people 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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Your water supply is drawn from groundwater sources through a Consecutive Connection from Missoula City Water (MT0000294). There are 282 connections providing water to approximately 702 people daily. This naturally filtered water flows slowly through porous sand, gravel, and boulders and is drawn up to your distribution system through submersible pumps. Your aquifer is constantly being replenished through snowpack and precipitation. Static water levels vary according to the season and the amount of precipitation. DEQ has prepared a Source Water Delineation and Assessment report for our water system, and it can be found at <https://deq.mt.gov/water/Programs/dw-sourcewater>. Purchased Groundwater – System purchases water that originates from groundwater source that is not under the direct influence of surface water (e.g., protected wells) and no surface water or groundwater under the influence of surface water sources. This report provides more information such as the potential sources of contamination of our drinking water supply.

Sanitary Survey

Sanitary survey inspections are due every 3 years. Your sanitary survey was carried out in January 2022. These regular inspections allow the DEQ and your water operators a chance to ensure there are no sanitary deficiencies with your water system. There were no significant deficiencies during your last inspection.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least some small amounts of 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 the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and 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: microbial contaminants, such as viruses and bacteria, that 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, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. To ensure that tap water is safe to drink, EPA prescribes regulations that limit the number of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Description of Water Treatment Process

There is chlorination treatment for this water system through the Consecutive Connection from Missoula City Water (MT0000294). Chlorine readings are monitored by the city and when the monthly bacterial sample is drawn, a chlorine reading is drawn and reported by your certified water operator, Kelsi J Crisp Staninger with Sapphire Waterworks, LLC. There have been no issues regarding this treatment or its monitoring.

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides - they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

Other Information

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether the drinking water meets health standards. We will not conduct monitoring or testing for asbestos because we have been granted a 9-year waiver by the Montana Department of Environmental Quality Public Drinking Water Section. This waiver is for the compliance period 2020-2028 and is based on our certification that there are no asbestos containing materials in the distribution system of the public water supply.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Travois Village is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Water Quality Data Table

To ensure that tap water is safe to drink, EPA prescribes regulations which limit the number of contaminants in water provided by public water systems. The table below lists all the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor certain contaminants less than once per year because the concentration of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Lead & Copper

Lead & Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2025	1.3	1.3	0.03	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2025	0	15	2	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

Regulated Contaminants

Disinfectants & Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	2025	0.3	0.2 - 0.3	4	4	ppm	N	Water additive used to control microbes.
Haloacetic Acids (HAA5)	2025	1	0.88 - 0.88	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

Disinfectants & Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Total Trihalomethanes (TTHM)	2025	7	6.8-6.8	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

Water Quality Test Results Definitions

The following tables contain scientific terms and measures, some of which may require explanation.

Avg	Regulatory compliance with some MCLs is based on running the annual average of monthly samples.
Level 1 Assessment	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Level 2 Assessment	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level or MCL	The highest level of contamination 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 or MCLG	The level of contamination in drinking water is below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum residual disinfectant level or MRDL	The highest level of disinfectant is allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Maximum residual disinfectant level goal or MRDLG	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
mrem	millirems per year (a measure of radiation absorbed by the body)
na	not applicable.
ppb	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.
Treatment Technique or TT	The required process is intended to reduce the level of contaminants in drinking water.

For more information, please contact your certified water operator. Happily serving your community since 2023.



406-546-2151 / kelsi@sapphirewaterworks.com / www.sapphirewaterworks.com

2025 WATER QUALITY REPORT



About this Report

The City of Missoula is pleased to present the 2024-2025 Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

This report is a snapshot of last year's water quality (2024). We are committed to providing you with information because informed customers are our best resource to aid in maintaining and improving water quality.

We are proud to report that our drinking water meets, or exceeds, all established federal and state regulations.

Where does my water come from? Is my water treated?

The water provided to the Missoula Valley comes from thirty-seven ground water wells that draw water from the valley's ground water aquifer. This aquifer is recharged by runoff from precipitation and snowmelt.

In an effort to provide the customer with the safest possible product, we disinfect the water at each well with chlorine. As pursuant to ARM 17.38.229, a small amount of chlorine is added to the water to protect it from contamination as it travels through water mains and to the customer's home. Missoula Water does not add fluoride to the water.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population.

Immuno-compromised people such as people with cancer undergoing chemotherapy, people 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. The Environmental Protection Agency (EPA) and Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Source Water Assessment and its Availability

As required by the EPA in 2003, Missoula Water (then Mountain Water) completed a Source Water Delineation and Assessment report and submitted it to the Department of Environmental Quality and the EPA. This report was last revised in May 2015 and is available to the public by contacting our office.

Why are there contaminants in my drinking water?

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 the EPA's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and 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. The water also can pick up substances resulting from the presence of animals or from human activity:

- Microbial contaminants, such as viruses and bacteria that 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 storm water 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 storm water 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 storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

Additional Information on lead in drinking water

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Missoula Water is responsible for providing high-quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for thirty seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or by visiting www.epa.gov/safewater/lead.

How can I get involved?

As your water utility, it is our responsibility to provide the highest available quality of water and to meet all of the requirements and standards set forth by the State of Montana. If you as a consumer have any questions or concerns, we are here to help and provide information to you.

Getting Involved

Attend a City Council meeting on the first Mondays of each month (excluding holidays) at 6:00 pm in the City Council chambers at 140 W. Pine Street

Contact us: 406-552-6700 1345 W. Broadway Street Missoula, MT 59802 WaterCS@ci.missoula.mt.us

Visit our website: www.ci.missoula.mt.us/1983/water Visit our Facebook: www.facebook.com/MissoulaCityPWM

**If you are a landlord, property manager, or know someone who is billed directly,
please share this report with your tenants and friends.**

State-Wide Waiver Program

The Montana Department of Environmental Quality (DEQ) created the Chemical Reduced Monitoring Waiver Program in 1996 to reduce monitoring expenses for public water supplies (PWS) while still protecting public health. Due to the considerable population growth and expansion in intervening years, the presence of these analytes needs to be reevaluated. Missoula Water was required to monitor for endoathall, diquat, glyphosate, ethylene dibromide (EDB), dibromochloropropane (DBCP), cyanide and PCBs from one entry point between Jan. 1, 2020 and Dec. 31, 2023. Missoula Water records indicate that it is located within one mile of a potential or known dioxin site and therefore is required to sample for dioxin (2,3, 7,8-tetrachlorodibenzo-p-dioxin or 2,3,7,8-TCDD).

In August 2020, Missoula Water collected the water samples for the above contaminants including Asbestos. In which, all analytical results came back as non-detect. In accordance with our monitoring schedule the next state-wide waiver monitoring will be conducted in 2029.

Additional Information

For additional information on Coronavirus in drinking water, Perfluorinated Compounds (PFAS), Lead or Household Water Quality. Please visit our web page at <https://www.ci.missoula.mt.us/2242/Water-Quality>.

WATER QUALITY DATA TABLE

To ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table are from testing done in the calendar year of the report. The EPA or the State of Montana requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one-year-old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Primary Standards	Violation	Sample Date	Your Water's Average	Your Water Range Low	Your Water Range High	MCL	MCL G	Typical Source
Distribution System								
(There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl ₂) (ppm)	No	2024	0.51	0.33	0.67	4	4	Water additive used to control microbes
Total Coliform % positive samples	No	2024	.014	NA	NA	5	0	Naturally present in the environment
TTHMs [Total Trihalomethanes] (ppb)	No	2024	2.625	1.2	3.7	80	NS	By-product of drinking water disinfection
HAA5 [Haloacetic Acids] (ppb)	No	2024	0.433	0.33	.48	60	NS	By-product of drinking water disinfection
Asbestos (fiber > 10 micrometers)	No	2020	0.18	0.0	0.18	7	0	Decay of asbestos cement in water mains; erosion of natural deposits
Primary Standards	Violation	Sample Date	Your Water's Average (a)	Your Water Range Low	Your Water Range High	MCL	MCL G	Typical Source
Inorganic Chemicals								
Arsenic (ppb)	No	2024	0.9	ND	3.0	10	0	Erosion of natural deposits: historical mining and smelting
Barium (ppm)	No	2024	0.21	0.16	0.25	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	No	2024	0.13	0.1	0.2	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories
Nitrate [measured as Nitrogen] (ppm)	No	2024	0.67	0.35	3.3	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

Secondary Standards	Violation	Sample Date	Your Water's Average (a)	Your Water Range Low High		MCL	MCLG	Noticeable Effects
(Aesthetic, Cosmetic and Technical, Non-Health Related)								
Calcium (ppm)	No	2024	45	38	55	NS	NS	Hardness; mineral deposits
Chloride (ppm)	No	2024	7.64	3	21	250	NS	Salty taste
Iron (ppm)	No	2024	0	ND	ND	0.3	NS	Rusty color; sediment; metallic taste; reddish or orange staining
Magnesium (ppm)	No	2024	12.6	11	15	NS	NS	NA
Manganese (ppm)	No	2024	0	ND	ND	0.05	NS	Black to brown color; black staining; bitter metallic taste
pH	No	2024	7.8	7.7	7.8	6.5-8.5	NS	Hydrogen ion concentration
Sulfate (ppm)	No	2024	19.14	11	22	250	NS	Salty taste
Total Dissolved Solids (ppm)	No	2024	203.2	174	254	500	NS	Hardness; deposits; colored water; staining; salty taste
Zinc (ppm)	No	2024	0	ND	ND	5	NS	Metallic taste
Bicarbonate (ppm)	No	2024	184.3	170	207	NS	NS	Hardness; mineral deposits
Radionuclides								Typical Source
Alpha emitters (pCi/L)	No	2024	.4	.1	.5	15	0	Erosion of natural deposits
Radium 226 (pCi/L)	No	2024	.26	-.03	.4	5	0	Erosion of natural deposits
Radium 228 (pCi/L)	No	2024	.64	.06	1	5	0	Erosion of natural deposits
Radium (combined 226/228) (pCi/L)	No	2024	0.72	0.4	1.2	5	0	Erosion of natural deposits
Uranium (ug/L)	No	2024	0.0013	0.0012	0.0013	30	0	Erosion of natural deposits
Lead and Copper Monitoring Rule								
(Tap water samples were collected for lead and copper from sites throughout the community)								
Metals	Violation	Amount Detected at 90 th Percentile	Sample Date	Number of Samples collected	Action Level	Typical Source		
Lead (ppb)	No	2	2023	30	15	Corrosion of household plumbing systems; erosion of natural deposits; discharge from industrial manufactures		
Copper (ppm)	No	0.198	2023	30	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives		
Additional Unregulated Parameters								
		Sample Date	Your Water's Average (a)	Your Water Range Low High		MCL	MCLG	Definitions
Aggressiveness Index (b) (unitless)		2024	12.01	11.8	12.1	NS	NS	A general indicator of the tendency for corrosion to occur
Alkalinity (as CA CO3) (ppm)		2024	151.1	140	170	NS	NS	A measurement of the water's ability to neutralize acids
Corrosivity (Langlier Index) (c) Positive/Negative		2024	0.219	.007	0.3	NS	NS	A gauge of whether a water will precipitate or dissolve calcium carbonate
Hardness (as Ca CO3) (ppm)		2024	163	142	198	NS	NS	Total Hardness
Hardness (gpg)		2024	9.45	8.24	11.48	NS	NS	Total Hardness
EPAs 5 th Unregulated Contaminant Monitoring Rule (2023-2025)								
(Samples were taken at roughly 1/3 of the Missoula Water wells in 2024)								
Contaminant	Year Sampled	Average for your water	Low	High	Action Level	Typical Source		
PFAS (ppb)	2024	0	0	0	NS	Per- and poly-fluoroalkyl substances (PFAS)are a large and diverse group of chemicals used in many commercial applications. These chemicals were not detected in any Missoula Water samples.		
Lithium (ppb)	2024	0	0	15 (the minimum detection level is 9ppb)	NS	Lithium occurs naturally in the environment and can be found in some ground and surface water used for drinking. The EPA uses a screening level of 10ppb which is 1,000 times lower than the health effects from medication.		

Understanding Definitions, Abbreviations and Footnotes for the Data Table

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 the best available treatment technology.

MCLG (Maximum Contaminant Level Goal): 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.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.

AL (Action Level): The concentration of a contaminant if exceeded, triggers treatment or other requirements that a water system must follow.

Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

MRDLG (Maximum Residual Disinfection Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MNR: Monitored Not Regulated

MPL: State Assigned Maximum Permissible Level

ppm: parts per million, or milligrams per liter (mg/L)

ppb: parts per billion, or micrograms per liter (ug/L)

pCi/L: picocuries per liter (a measure of radioactivity)

NTU: nephelometric turbidity unit

TON: threshold odor number (calculation)

ND: not detected

NS: no standard

NA: not applicable

Degree of Hardness

	ppm (mg/L)	grains per gallon (gpg)
Soft	<17.0	<1.0
Slightly Hard	17.1-60	1.0-3.5
Moderately Hard	60-120	7.0-10.5
Hard	120-180	>10.5

a) The average is weighted according to the individual contribution in pumping by each well to the total (active wells only).

b) Aggressive Index (AI): A general indicator of the tendency for corrosion to occur. AI of 12 or above indicated nonaggressive (not corrosive) water. AI values of 10-11.9 suggest that the water is moderately aggressive. AI values below 10 indicate extremely aggressive (corrosive) water.

c) Langlier Index (LI): A gauge of whether water will precipitate or dissolve calcium carbonate. If the LI is a positive number, the water will tend to be nonaggressive; a negative number will tend to be an aggressive water.