



## Taylor Mountain Division

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## 2022 Consumer Confidence Report (CCR)

**Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda**

### Water System information

Water System Name:	Falls Water – Taylor Mountain Division	PWS ID#: 7100023
Water System Operator:	Tony Wise	
Population Served:	590	179 Connections
Date of CCR Distribution:	May 26, 2022	For Calendar Year: 2021

### Water Sources

a. Source	Deep Wells into Eastern Snake Plain Aquifer
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### Water Contamination Source

a. Source:	None Are Known
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### Special Compliance Violations

No notices of any violations.
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We're 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. Falls Water – Taylor Mountain Division 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, 2021. Some of our data in the tables are more than one year old, since certain chemical contaminants are monitored less than once a year. Our sampling frequency complies with EPA and State drinking water regulations.

### Definitions

<b>Maximum Contamination Level (MCL):</b> 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.
<b>Maximum Contamination Level Goal (MCLG):</b> 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.
<b>Treatment Technique:</b> A required process intended to reduce the level of a contaminant in drinking water.
<b>Action Level:</b> The concentration of a contaminant, which, if exceeded, triggers treatment, or other requirements which a water system must follow.
<b>Maximum Residual Disinfectant level (MRDL):</b> The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
<b>Maximum Residual Disinfectant Level Goal (MRDLG):</b> 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 contamination.

### Health Information

**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 microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791 or <http://www.epa.gov/safewater/hotline/>).

**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 Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791 or <http://www.epa.gov/safewater/hotline/>).

**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. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

**The Sources of drinking water (both tap water and bottled water)** include rivers, lakes, streams, pond, 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. Contaminants that may be present in source water before we treat it 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 systems, agricultural livestock operations, and wildlife.
- Pesticides and herbicide,** 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.

#### Lead Informational Statement (Health effects and ways to reduce exposure)

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. **Falls Water – Taylor Mountain Division** 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 drinking 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>.

Microbial Contaminants	Highest # Positive in a Month	MCL	MCLG	Violation (Y/N)	Possible Source of Contamination
Total Coliform	1	>1	0	NO	Naturally present in the environment
Fecal Coliform or E. coli	0	*	0	NO	Human and animal fecal waste

\*Compliance with the Fecal Coliform/E.coli MCL is determined upon additional repeat testing.

Radioactive Contaminants	MCLG	MCL	Lowest Level Detected	Highest Level Detected	Sample Date	Violation	Typical Source of Contaminant	Health Effects Language
Combined Uranium	0	30	2.03	2.18	2019	NO	Erosion of natural deposits	See About Combined Uranium below.

Inorganic Contaminants	MCLG	MCL	Lowest Level Detected	Highest Level Detected	Sample Date	Violation	Typical Source of Contaminant	Health Effects Language
Arsenic (ppb)**	0	10	1	2	July 2019	NO	Erosion of natural deposits	See About Arsenic below.
Barium (ppm)	2	2	.099	0.187	July 2019	NO	Natural occurring	See About Barium below.
Chromium (ppb)	100	100	0	2	July 2019	NO	Discharge from steel and pulp mills; Erosion of natural Deposits	See About Chromium below.
Fluoride (ppm)	4	4	.2	0.3	July 2019	NO	Natural occurring	See About Fluoride below.
Nitrate as N (ppm)	10	10	1.18	3.49	Aug 2021	NO	Run off from fertilizer	See About Nitrates below.
Nitrite as N (ppm)	1	1	0	0.14	July 2019	NO	Run off from fertilizer	See About Nitrites below.
Selenium (ppb)	50	50	0	2	July 2019	NO	Erosion of natural deposits. Discharge from mines.	See About Selenium below.

Inorganic Contaminant	Date(s) Collected	90 <sup>th</sup> Percentile	Action Level	MCLG	# of sites above Action Level	Violation Y/N	Possible Source of Contamination
Lead (ppb)	Aug 2018	1	15	0	0	NO	Corrosion of household plumbing systems; Erosion of natural deposits.
Copper (ppm)	Aug 2018	.024	1.3	1.3	0	NO	Corrosion of household plumbing systems; Erosion of natural deposits.
Health Effects Language	Lead	Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.					
	Copper	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.					

n/a: not applicable nd: not detectable at testing limit ppm: parts per million or milligrams per liter ppb: parts per billion or micrograms per liter pCi/l: picocuries per liter (a Measure of radiation) mrems/yr: millirems per year (a measure of radiation absorbed by the body).

**About Barium:** Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.

**About Chromium:** Some people who use water containing chromium well in excess of the MCL over many years could experience allergic dermatitis.

**Total Coliform:** Coliform are bacteria that are naturally present in the environment and are used as an indicator that other potentially harmful bacteria may be present. Coliform bacteria found in two or more samples is a warning of potential problems and usually triggers a precautionary boil notice.

**About Combined Uranium:** Some people who drink water containing uranium in excess of the MCL over many years may have an increased risk of getting cancer and kidney toxicity.

**About Fluoride:** Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as fluorosis, may include brown staining and/or pitting of the teeth, and occurs only in developing teeth before they erupt from the gums.

**About Nitrate:** Nitrate in drinking water at levels above 10 ppm is a health risk for infants less than six month of age. When levels approach 10 ppm, ask for advice from your care provider about blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of well construction, usage, rainfall, and local contamination.

**About Nitrite:** Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome.

**About Selenium:** Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years could experience hair loss, changes in their blood, or problems with their kidneys, intestines or liver.

If you have any questions about this report or concerning your water utility, please contact Scott Bruce or Tony Wise. We want our valued customers to be informed about their water utility. If you want to learn more, please contact us or schedule an appointment to meet with us.