



Annual Drinking Water Quality Report



Town of Fromberg MT0000222

Annual Water Quality Report for the period of January 1 to December 31, 2022

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

For more information regarding this report please contact Town Clerk **Harlie Riddle** at **406-668-7383**

Public Participation Opportunities: **The public is welcome to attend monthly Town Council meetings the second Tuesday of each month at 7:00 pm at the Town Hall located at 118 West River Street.**

Sources of Drinking Water

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.

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 at (800) 426-4791.

Contaminants that may be present in source water 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 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.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order 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. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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 healthcare 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).

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. We are responsible for providing high-quality drinking water, but we 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 are available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Lead Service Line Inventory

The revised Lead and Copper Rule requires that all Community Water Systems complete and submit a Lead Service Line (LSL) Inventory by October 16th, 2024. As a result, Fromberg will be required to conduct an inventory of the service lines connecting water mains with its buildings. The service lines, their associated materials and locations will be entered into an inventory spreadsheet and submitted to the MT Department of Environmental Quality. All water main service connections, including those to abandoned buildings, empty lots, commercial and residential structures and lines for non-potable (fire suppression or other) use must be inventoried.

Fromberg would like its water customers to know that the inventory is a Federal and State requirement and that any assistance that customers can give the Town during this process would be greatly appreciated.

Information regarding the LSL inventory can be found at the DEQ drinking water website: <https://deq.mt.gov/water/Programs/dw>.

This document, the Consumer Confidence Report (CCR), will serve as the platform for all Lead-related information and notifications.

New Waiver Program Testing Cycle.

The Community of Fromberg is entering into a new nine-year cycle of testing. The program allows our water system to sample once every 9 years for specific regulated contaminants including: barium, cadmium, chromium, mercury, selenium, and fluoride. Past sampling for these contaminants has shown that they are not present in our water supply or occur in such small amounts that they are not considered a health hazard. This waiver is in effect from 2020 through 2028.

Source Water Information for Town of Fromberg

which is classified as a *Ground Water* system

The source water assessment report for your water system provides additional information on your source water's susceptibility to contamination. To access this report please go to:

<https://deq.mt.gov/water/Programs/dw-sourcewater>

On the webpage look under "4. Make Results of the Delineation and Assessment Available to the Public" and then click on the grey box called "Review Source Water Assessment Reports".

Water is supplied to the City of Fromberg by two shallow wells. The highly productive wells pull from an aquifer that flows through fractured shale and clay following the valley floor and is recharged by water flow following the Clark's Fork of the Yellowstone River. Because the aquifer is shallow and largely unconfined it has a high sensitivity to potential sources of contamination located at the land surface (DEQ, 2004). The potential for the aquifer to become contaminated means that our community must be committed to protecting the areas of recharge. We must also ensure that the areas directly adjacent to our wells are protected from the development of potential sources of contamination. It should be noted the due to our shallow well depth, we are required by MT DEQ to maintain a chlorine residual of 0.50 mg/L.

Information for the town's wells can be found at <http://mbmaggwic.mtech.edu/>.

Town of Fromberg utilizes the listed water sources below:

Water Source Name	Water Source Type
WELL 2 GWIC 295398	Well
WELL 1 GWIC 155741	Well

Water Quality Test Results Definitions

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

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

Avg: Regulatory compliance with some MCLs is based on running an 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 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 or MCLG: 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.

Maximum residual disinfectant level or MRDL: The highest level of disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for the 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.

N/A: not applicable.

Nephelometric Turbidity Unit (NTU) – Measure of the clarity or cloudiness of water. Turbidity more than 5 NTU is just noticeable to the typical person.

Picocuries per liter (pCi/L) – Measure of the radioactivity in water.

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.

Secondary Maximum Contaminant Level (SMCL): SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.

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

The State of Montana DEQ requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. Therefore, some of our data, though representative, may be more than one-year-old.

Lead and Copper

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2022	1.3	1.3	0.117	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2022	0	15	3	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

Coliform Bacteria

Maximum Contaminant Level Goal	Total Coliform Maximum Contaminant Level	Highest No of Positive	Fecal Coliform or E Coli Maximum Contaminant Level	Total No of Positive E Coli or Fecal Coliform Samples	Violation	Likely Source of Contamination
0	1 positive monthly sample.	4	Fecal Coliform or E. Coli MCL: A routine sample and a repeat sample are total coliform positive, and one is also fecal coliform or E. coli positive.	2	N	Naturally present in the environment.

RTCR Assessments

During the past year we were required to conduct Assessment(s)	Number of assessments required in the reporting year	Number of assessments completed in the reporting year	Number of corrective actions required	Number of corrective actions completed.	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.
Level 1	1: One level “one” issue was documented during the 2022 calendar year. Fromberg’s water system tested positive for coliform bacteria in February 2022 and was late in conducting repeat sampling. Once conducted, repeat sampling demonstrated the presence of <i>E. coli</i> and a boil order was issued (see below). Subsequent testing has shown the system to be <i>E. coli</i> free.				<p><i>E. coli</i> are bacteria whose presence indicates that the water may be contaminated with human or animal waste. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater risk for infants, young children, the elderly, and people with severely compromised immune systems. We found <i>E. coli</i> bacteria, indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.</p>
Level II We were required to complete a Level II assessment because we found <i>E. coli</i> in our water system.	2: Two issues occurred during 2022 requiring level “two” assessments. One, repeat sampling demonstrated a positive result for the presence of <i>E. coli</i> , initiating a boil order and Two, flooding of the community water source area, including the wells, necessitated a second boil order. Due to these issues, the community was required to complete an assessment of the system, meet and work with representatives of the MT Department of Environmental Quality on site and complete multiple repeat sampling. All requirements resulting from these issues have been met.				

Regulated Contaminants

Contaminant Group: Disinfectants and Disinfection By-Products

Regulated Contaminants	Collection Year	Highest Level Detected	Range of Levels	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	2022	0.8	0.48 to 1.42	MRDLG = 4	MRDL = 4	ppm	N	Water additive used to control microbes.
Haloacetic Acids (HAA5)	2021	3	2.8 - 2.8	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2021	8	8.2 - 8.2	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

Contaminant Group: Inorganic Contaminants

Regulated Contaminants	Collection Year	Highest Level Detected	Range of Levels	MCLG	MCL	Units	Violation	Likely Source of Contamination
Fluoride	2017	1	1 - 1	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2022	1	.98 - .98	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Selenium	2017	4	4 - 4	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.

Contaminant Group: Radioactive Contaminants

Regulated Contaminants	Collection Year	Highest Level Detected	Range of Levels	MCLG	MCL	Units	Violation	Likely Source of Contamination
GROSS ALPHA, EXCL. RADON & Uranium	2017	5.3	5.3 - 5.3	0	15	pCi/L	N	Erosion of natural deposits.
Uranium	2017	15	15 - 15	0	30	ppb	N	Erosion of natural deposits.

Violations

Violation for 1,1,1-Trichloroethane

Some people who drink water containing 1,1,1-trichloroethane in excess of the MCL over many years could experience problems with their liver, nervous system, or circulatory system.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for 1,1,2-Trichloroethane

Some people who drink water containing 1,1,2-trichloroethane well in excess of the MCL over many years could have problems with their liver, kidneys, or immune systems.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for 1,1-Dichloroethylene

Some people who drink water containing 1,1-dichloroethylene in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for 1,2,4-Trichlorobenzene

Some people who drink water containing 1,2,4-trichlorobenzene well in excess of the MCL over many years could experience changes in their adrenal glands.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for 1,2-Dichloroethane

Some people who drink water containing 1,2-dichloroethane in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for 1,2-Dichloropropane

Some people who drink water containing 1,2-dichloropropane in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for 2,4,5-TP (Silvex)

Some people who drink water containing silvex in excess of the MCL over many years could experience liver problems.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for 2,4-D

Some people who drink water containing the weed killer 2,4-D well in excess of the MCL over many years could experience problems with their kidneys, liver, or adrenal glands.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Alachlor

Some people who drink water containing alachlor in excess of the MCL over many years could have problems with their eyes, liver, kidneys, or spleen, or experience anemia, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Antimony

Some people who drink water containing antimony well in excess of the MCL over many years could experience increases in blood cholesterol and decreases in blood sugar.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Atrazine

Some people who drink water containing atrazine well in excess of the MCL over many years could experience problems with their cardiovascular system or reproductive difficulties.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Benzene

Some people who drink water containing benzene in excess of the MCL over many years could experience anemia or a decrease in blood platelets, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Benzo(a)pyrene

Some people who drink water containing benzo(a)pyrene in excess of the MCL over many years may experience reproductive difficulties and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Beryllium

Some people who drink water containing beryllium well in excess of the MCL over many years could develop intestinal lesions.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Carbofuran

Some people who drink water containing carbofuran in excess of the MCL over many years could experience problems with their blood, or nervous or reproductive systems.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Carbon Tetrachloride

Some people who drink water containing carbon tetrachloride in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Chlordane

Some people who drink water containing chlordane in excess of the MCL over many years could experience problems with their liver or nervous system, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Chlorobenzene

Some people who drink water containing chlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for cis-1,2-Dichloroethylene

Some people who drink water containing cis-1,2-dichloroethylene in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Consumer Confidence Rule

The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.

Violation Type	Violation Period	Resolution Date	Violation Explanation
CCR REPORT	07/01/2022 to OPEN	OPEN	We failed to provide to you, our drinking water customers, an annual report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water.

The CCR has not been distributed to consumers or sent to the State of Montana DEQ so the violation is still outstanding.

Violation Type	Violation Period	Resolution Date	Violation Explanation
CCR ADEQUACY/AVAILABILITY/CONTENT	10/01/2022 to OPEN	OPEN	We failed to provide to you, our drinking water customers, an annual report that adequately informed you about the quality of our drinking water and the risks from exposure to contaminants detected in our drinking water.

The completed CCR certification form has not been submitted to the State of Montana DEQ so the violation is still outstanding.

Violation for Dalapon

Some people who drink water containing dalapon well in excess of the MCL over many years could experience minor kidney changes.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Di (2-ethylhexyl) adipate

Some people who drink water containing di (2-ethylhexyl) adipate well in excess of the MCL over many years could experience general toxic effects or reproductive difficulties.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Di (2-ethylhexyl) phthalate

Some people who drink water containing di (2-ethylhexyl) phthalate in excess of the MCL over many years may have problems with their liver, or experience reproductive difficulties, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Dichloromethane

Some people who drink water containing dichloromethane in excess of the MCL over many years could have liver problems and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Dinoseb

Some people who drink water containing dinoseb well in excess of the MCL over many years could experience reproductive difficulties.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Endrin

Some people who drink water containing endrin in excess of the MCL over many years could experience liver problems.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Ethylbenzene

Some people who drink water containing ethylbenzene well in excess of the MCL over many years could experience problems with their liver or kidneys.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

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Violation for Gross alpha excluding radon and uranium

Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Heptachlor

Some people who drink water containing heptachlor in excess of the MCL over many years could experience liver damage and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Heptachlor epoxide

Some people who drink water containing heptachlor epoxide in excess of the MCL over many years could experience liver damage, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Hexachlorobenzene

Some people who drink water containing hexachlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys, or adverse reproductive effects, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Hexachlorocyclopentadiene

Some people who drink water containing hexachlorocyclopentadiene well in excess of the MCL over many years could experience problems with their kidneys or stomach.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Lindane

Some people who drink water containing lindane in excess of the MCL over many years could experience problems with their kidneys or liver.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Methoxychlor

Some people who drink water containing methoxychlor in excess of the MCL over many years could experience reproductive difficulties.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Montana State Chlorine Rule

Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

Violation Type	Violation Period	Resolution Date	Violation Explanation
STATE CHLORINE MONITORING DAILY	03/01/2022 to 03/31/2022	04-18-2022	We failed to monitor and record the daily minimum entry point chlorine residuals and report them to DEQ. Because of this, we cannot be sure of the water quality at this time.

The violation was returned to compliance once the system submitted one full months of data by 10th of the following month, and for said month, the system did not have any days with a chlorine residual below the mandatory level.

STATE CHLORINE MONITORING DAILY	12/01/2022 to 12/31/2022	03-02-2023	We failed to monitor and record the daily minimum entry point chlorine residuals and report them to DEQ. Because of this, we cannot be sure of the water quality at this time.
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The violation was returned to compliance once the system submitted one full months of data by 10th of the following month, and for said month, the system did not have any days with a chlorine residual below the mandatory level.

Violation for o-Dichlorobenzene

Some people who drink water containing o-dichlorobenzene well in excess of the MCL over many years could experience problems with their liver, kidneys, or circulatory systems.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Oxamyl [Vydate]

Some people who drink water containing oxamyl in excess of the MCL over many years could experience slight nervous system effects.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for p-Dichlorobenzene

Some people who drink water containing p-dichlorobenzene in excess of the MCL over many years could experience anemia, damage to their liver, kidneys, or spleen, or changes in their blood.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Pentachlorophenol

Some people who drink water containing pentachlorophenol in excess of the MCL over many years could experience problems with their liver or kidneys, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Picloram

Some people who drink water containing picloram in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Revised Total Coliform Rule (RTCR)

The Revised Total Coliform Rule (RTCR) seeks to prevent waterborne diseases caused by E. coli. E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely-compromised immune systems.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MCL, E. COLI, POS E COLI (RTCR)	06/01/2022 to 06/30/2022	07-13-2022	E. coli bacteria were found in our drinking water during the period indicated in violation of a standard. We had an E. coli positive routine or repeat sample or we failed to test for E. coli when any repeat sample tests positive for total coliform.

This violation was returned to compliance after samples were collected in the distribution system and were absent of total coliform bacteria.

LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	03/13/2022 to 07/14/2022	07-14-2022	We failed to properly complete a Level 1 Assessment in our water system.
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This violation was returned to compliance when a Level 1 Assessment was completed and reported to the State of Montana DEQ.

MONITORING, ROUTINE, MAJOR (RTCR)	10/01/2022 to 10/31/2022	11-22-2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
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This violation was returned to compliance when the required number of routine total coliform samples were collected and reported to the State of Montana DEQ.

Violation for Simazine

Some people who drink water containing simazine in excess of the MCL over many years could experience problems with their blood.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Styrene

Some people who drink water containing styrene well in excess of the MCL over many years could have problems with their liver, kidneys, or circulatory system.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Tetrachloroethylene

Some people who drink water containing tetrachloroethylene in excess of the MCL over many years could have problems with their liver, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Thallium

Some people who drink water containing thallium in excess of the MCL over many years could experience hair loss, changes in their blood, or problems with their kidneys, intestines, or liver.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Toluene

Some people who drink water containing toluene well in excess of the MCL over many years could have problems with their nervous system, kidneys, or liver.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Toxaphene

Some people who drink water containing toxaphene in excess of the MCL over many years could have problems with their kidneys, liver, or thyroid, and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for trans-1,2-Dichloroethylene

Some people who drink water containing trans-1,2-dichloroethylene well in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Trichloroethylene

Some people who drink water containing trichloroethylene in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Vinyl Chloride

Some people who drink water containing vinyl chloride in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.

Violation for Xylenes

Some people who drink water containing xylenes in excess of the MCL over many years could experience damage to their nervous system.

Violation Type	Violation Period	Resolution Date	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020 to OPEN	OPEN	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

A sample result has not been received by the State of Montana DEQ so the violation is still outstanding.