



# Annual Drinking Water Quality Report



**Cmrwa Musselshell Judith Rural Water Sys MT0005109**

Annual Water Quality Report for the period of January 1 to December 31, 2024

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 Sam Klepzig at (406)940-5592.

Public Participation Opportunities: Board meetings are held the second Wednesday of the month at the Harlowton public library, Starting at 1:00 pm.

## 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>.

**Source Water Information for Cmrwa Musselshell Judith Rural Water Sys**  
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".

Cmrwa Musselshell Judith Rural Water Sys utilizes the listed water sources below:

<b>Water Source Name</b>	<b>Water Source Type</b>
WELL #3 GWIC# 304761	Well
WELL #2 GWIC# 276994	Well



Total Trihalomethanes (TTHM)	2024	2	1.8 - 1.8	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
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**Contaminant Group: Inorganic Contaminants**

Regulated Contaminants	Collection Year	Highest Level Detected	Range of Levels	MCLG	MCL	Units	Violation	Likely Source of Contamination
Nitrate [measured as Nitrogen]	2024	0.17	.17 - .17	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

**Contaminant Group: Radioactive Contaminants**

Regulated Contaminants	Collection Year	Highest Level Detected	Range of Levels	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	2024	1.70	ND - 1.7	0	5	pCi/L	N	Erosion of natural deposits.
GROSS ALPHA, EXCL. RADON & Uranium	2024	7.70	2.1 - 7.7	0	15	pCi/L	N	Erosion of natural deposits.
Uranium	2024	0.50	.3 - .5	0	30	ppb	N	Erosion of natural deposits.

**Secondary Contaminants**

Secondary Contaminant	Collection Year	Highest Level Detected	Range of Levels	SMCL	Units	Likely Source of Contamination and or Reason for Monitoring
MANGANESE	2024	5	0 - 5	50	ppb	Natural sources as well as discharges from industrial uses

Water may naturally have manganese and, when concentrations are greater than 50 ppb, the water may be discolored and taste bad. Over a lifetime, the EPA recommends that people drink water with manganese levels less than 300 ppb and over the short term, EPA recommends that people limit their consumption of water with levels over 1000 ppb, primarily due to concerns about possible neurological effects. Children younger than one year old should not be given water with manganese concentrations over 300 ppb, nor should formula for infants be made with that water for more than a total of 10 days throughout the year.

**Complete and submit the Certification Form to DEQ by September 30. It is recommended that you email the CCR and Certification Form to DEQ at the same time to ensure that all actions are completed on time. A fillable certification form can be downloaded [here](#).**



Select to email: [deqccr@mt.gov](mailto:deqccr@mt.gov)

\* Save to desktop before emailing form

## Consumer Confidence Report Certification Form

Water System Name: CMRWA Musselshell-Judith Rural Water System

Water System ID Number: MT 0005109 CCR Year: 2024

**You need to complete the following:**

1. Mail, make available, or otherwise directly deliver a copy of Consumer Confidence Report (CCR) to water system customers by June 30. Keep a copy for your records.
2. Email or mail a copy of CCR to DEQ by June 30.
3. Complete and submit this Certification Form to DEQ by September 30. It is recommended that you email the CCR and Certification Form to DEQ at the same time to ensure that all actions are completed on time.

The community water system named above hereby confirms that its Consumer Confidence Report has been distributed to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the state agency.

Certified by (Name): Sam Klepzig Date: 03/21/2025  
 Title: O and M Manager Phone #: (406)940-5592

**Every community public water system is required to complete one of the following: Method A, Method B, or Method C AND one good faith effort**

<b>METHOD "A" DIRECT DELIVERY</b> (use for Electronic CCR or paper copy CCR delivered to all customers).	
<u>DELIVERY DATE REQUIRED</u>	
Our CCR or electronic CCR notification of delivery was delivered to our consumers on <u>03/21/2025</u> (insert date)	
Depending on your method of CCR Delivery, you MUST complete at least ONE of the following methods. Please check all items that apply.	
1.	<input type="checkbox"/> Entire CCR was distributed by mail
2.	<input type="checkbox"/> *Mail – a paper notification was mailed to each customer providing the web link directly to the CCR. (Submit a copy of the URL notification, i.e. water bill, newsletter, etc.)
3.	<input checked="" type="checkbox"/> *E-mail – CCR sent as an attachment, a direct URL, or embedded in the body of the email (submit a sample copy of the e-mail)
4.	<input checked="" type="checkbox"/> Hand delivered

\*No intermediate webpages are allowed to be used. Use a direct link to the CCR only.

<b>METHOD "B" PUBLISHED IN LOCAL NEWSPAPER: Method only for systems serving fewer than 10,000 people. All 3 items below must be checked. Attach a copy of the newspaper clipping (affidavit not required).</b>	
1.	<input type="checkbox"/> CCR published in its entirety in local newspaper of general circulation in the area.
2.	<input type="checkbox"/> Customers informed in newspaper that CCR will not be mailed. If other method used to inform customers, describe:
3.	<input type="checkbox"/> Customers and public informed in newspaper that CCR is available upon request.
Newspaper Name: _____	Published On: _____ (insert date)

**Consumer Confidence Report Certification Form Page 2**

**METHOD "C" DELIVERY CCR AVAILABILITY NOTICE ONLY: Method only for systems serving 500 or fewer people. Submit copy of notice of availability. Select HERE for a template.**

The CCR was not mailed to each customer. However, as required, customers were notified that a CCR was prepared and is available upon request.

The CCR notice of availability was delivered on: \_\_\_\_\_ (insert date)

Check which method(s) the CCR notice of availability was distributed using:	<input type="checkbox"/> Newspaper	<input type="checkbox"/> Hand Delivered
	<input type="checkbox"/> Posted in Public Locations	<input type="checkbox"/> Other: _____

**GOOD FAITH EFFORT: At a minimum, one good faith effort is required to be used to reach non-bill paying consumers**

Check all that apply:

<input checked="" type="checkbox"/>	Posted CCR on a publicly accessible internet site <u>www.Centralsmontanawater.com</u>	<input type="checkbox"/>	Mailed the CCR to postal patrons within the service area
<input type="checkbox"/>	Advertised availability of CCR in the news media (attach copy of announcement)	<input type="checkbox"/>	Published CCR in local newspaper (attach copy of newspaper announcement)
<input type="checkbox"/>	Posted the CCR in public places. List the locations here:	<input type="checkbox"/>	Delivered multiple copies to single bill addresses serving several persons such as apartments and businesses
<input type="checkbox"/>	Delivered to community organizations. List organizations here:	<input type="checkbox"/>	Other. Explain:
<input type="checkbox"/>	Electronic announcement of CCR availability via social media outlets		

**Wholesalers Only: All CCR information is required to be delivered to your consecutives no later than April 1**

CCR information was provided to each consecutive community water system (purchaser(s)) on 03/21/2025 (date).

**Public Notification**

Check box if Public Notification was included in the CCR to satisfy a Public Notification Rule Tier 3 monitoring violation

CCR Rule Manager  
DEQ PWS Bureau  
P.O. Box 200901  
Helena, MT 59620-0901  
Fax: 406-444-1374 Phone: 406-444-5360  
[deqccr@mt.gov](mailto:deqccr@mt.gov)