



# CONSUMER CONFIDENCE REPORT

REEDSBURG UTILITY COMMISSION (RUC) WANTS YOU, OUR VALUED CUSTOMER, TO BE CONFIDENT THE DRINKING WATER RUC SERVES IS SAFE. THIS ANNUAL WATER QUALITY REPORT PROVIDES IMPORTANT INFORMATION ABOUT WHERE YOUR WATER COMES FROM AND THE TEST RESULTS USED TO ENSURE YOUR TAP WATER IS SAFE AND HEALTHY TO DRINK.



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[www.REEDSBURGUTILITY.com](http://www.REEDSBURGUTILITY.com)

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# 2023 Consumer Confidence Report

Dear Reedsburg Utility Commission Water Customer,

It is my pleasure to present Reedsburg Utility Commission's annual water quality report. This report is designed to inform you about the quality water and services we deliver to you every day. Our water sources is five ground water wells. Our constant goal is to provide you with a safe and dependable supply of drinking water. I'm pleased to report that our drinking water is safe and meets Federal and State requirements.

Reedsburg Water Utility routinely monitors for contaminants in your drinking water according to Federal and State laws. The tables enclosed in this report share the results of our monitoring for the period of January 1st through December 31st, 2023.



**Jon Craker**

WATER SUPERVISOR

**“WE WANT OUR VALUED CUSTOMERS  
TO BE INFORMED ABOUT THEIR WATER”**

All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily pose a health risk.

We at the Reedsburg Water Utility work around the clock to provide top quality water to every tap in the city. We ask that all our customers help protect our water sources, which are the heart of the community, our way of life, and our children's future.

We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of the regularly scheduled meetings. They are held on the 3rd Monday of each month at 4 p.m. at 501 Utility Court, Reedsburg, WI.

I strongly encourage you to read this report. Additional copies are available online at [www.ReedsburgUtility.com](http://www.ReedsburgUtility.com) or at our office. If you have any questions, please feel free to contact me at (608) 524-4381.

*Sincerely, Jon Craker, Water Supervisor*

# About the Regulations

To ensure tap water is safe to drink, the Environmental Protection Agency (EPA) and the Food & Drug Administration (FDA) established regulations that limit the amount of certain contaminants in water provided by the water utility. Regulations also establish limits for contaminants in bottled 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 land or through the ground, it dissolves naturally occurring minerals and in some cases, radioactive materials, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water includes:

**PESTICIDES & HERBICIDES** may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

**RADIOACTIVE CONTAMINANTS** can be natural or be the result of oil and gas production or mining activities.



**MICROBIAL CONTAMINANTS** such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock and wildlife.

**INORGANIC CONTAMINANTS** such as salts and metals, can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

**ORGANIC CHEMICAL CONTAMINANTS** including synthetic and volatile organic chemicals may be by-products of industrial processes or petroleum production, and can also come from gas stations, urban storm water runoff, agricultural application and septic systems.



This report contains important and useful information about the sources, quality, and safety of your drinking water and describes how Reedsburg Water Utility meets all drinking water standards set by State and Federal governments. For additional details, have someone translate this report for you or talk to someone who understands the material.

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Reedsburg Utility maintains a comprehensive network of five well sites strategically positioned throughout the city. This distributed system ensures reliability and accessibility to clean water for residents and businesses alike. What sets Reedsburg Utility apart is its innovative approach to maintaining optimal pressure levels, utilizing two distinct pressure zones. This dual-zone configuration enhances efficiency and performance, delivering unparalleled service to all residents of the city.

# 66

Reedsburg Utility proudly oversees a vast network of water mains stretching an impressive 66 miles throughout the city. This extensive infrastructure forms the backbone of the community's water distribution system, delivering essential services to homes, businesses, and public facilities. From routine inspections to proactive repairs and upgrades, the utility's dedicated team works tirelessly to safeguard the quality and efficiency of the water supply.

# 629

The utility manages an extensive network of 3,350 service connections, ensuring reliable water delivery to residential, commercial, and industrial customers alike. Reedsburg Utility stands as a guardian of safety and service, boasting a robust infrastructure that includes 629 hydrants strategically positioned throughout the city. These hydrants serve as essential assets in emergency response and daily operations, providing crucial access to water for firefighting efforts and maintenance tasks.

SOURCE ID	SOURCE	DEPTH (ft)	STATUS
3	GROUNDWATER	490	ACTIVE
4	GROUNDWATER	400	ACTIVE
6	GROUNDWATER	310	ACTIVE
7	GROUNDWATER	515	ACTIVE
8	GROUNDWATER	500	ACTIVE

# Health Information

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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 safe drinking water hotline at (800) 426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised individuals 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 EPA's safe drinking water hotline.

Nitrate in drinking water at levels above 10ppm is a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask for advice from your health care provider.

Our water system did not monitor for cryptosporidium or radon during 2023. We are not required by state or federal drinking water regulation to do so. We currently add chlorine as a disinfectant, fluoride to promote healthy development of teeth, and phosphate for lead and copper control.

## 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. Reedsburg Utility Commission 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, test methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at [www.epa.gov](http://www.epa.gov).

## Detected Contaminants

Your water was tested for many contaminants last year. We are allowed to monitor for some contaminants less frequently than once a year. The following tables in this report list only those contaminants which were detected in your water. If a contaminant was detected last year, it will appear in the following tables without a sample date. If the contaminant was not monitored last year, but was detected within the last 5 years, it will appear in the following tables along with sample date.



## Inorganic Contaminants

CONTAMINANT	MCL	MCLG	LEVEL FOUND	RANGE	YEAR SAMPLED	VIOLATION	TYPICAL SOURCE
Barium (ppm)	2	2	0.026	0.13 - 0.26	2023	NO	Discharge of drilling wastes, metal refineries, erosion of natural deposits
BERYLLIUM (ppb)	4	4	0.28	0.00 - 0.28	2023	NO	Discharge from metal refineries and coal burning factories.
COPPER (ppm)	AL = 1.3	1.3	0.702 at the 90th percentile level	0 of 20 results above action level	2023	NO	Corrosions of home plumbing, erosion of deposits and leaching of wood preservatives
FLUORIDE (ppm)	4	4	0.60	0.00 - 0.60	2023	NO	Erosion of deposits, discharge from fertilizer and aluminum factories
LEAD (ppb)	AL = 15	0	0.00	0 of 20 results above action level	2023	NO	Erosion of natural deposits and corrosion of home plumbing systems
NITRATE (ppm)	10	10	4.70	3.16 - 4.70	2023	NO	Runoff from fertilizer use, leaching from septic tanks, sewage and natural deposits
SELENIUM (ppm)	50	50	1	0.00 - 1.00	2023	NO	Discharge from petroleum and metal refineries, erosion of deposits and mines
SODIUM (ppm)	N/A	N/A	18.00	3.70 - 18.00	2023	NO	N/A

## Radioactive Contaminants

CONTAMINANT	MCL	MCLG	LEVEL FOUND	RANGE	YEAR SAMPLED	VIOLATION	TYPICAL SOURCE
GROSS, ALPHA, EXCL R&U (pCi/l)	15	0	0.80	0.80	2023	NO	Erosion of natural deposits
COMBINED RADIUM (pCi/l)	5	0	2.40	2.40	2023	NO	Erosion of natural deposits
GROSS, ALPHA, INCL R&U (pCi/l)	N/A	N/A	0.80	0.80	2023	NO	Erosion of natural deposits

## Disinfection Byproducts

CONTAMINANT	MCL	MCLG	LEVEL FOUND	RANGE	YEAR SAMPLED	VIOLATION	TYPICAL SOURCE
HAA5 (ppb)	60	60	4.00	4.00	2023	NO	By-product of drinking water chlorination
TTHM (ppb)	80	0	2.90	2.90	2023	NO	By-product of drinking water chlorination

## Additional Chemical Analysis

CHEMICAL	LEVEL	RANGE
ALKALINITY (ppm)	144 (avg)	100 - 200 (ideal)
HARDNESS (ppm)	160 (avg)	100 - 200 (ideal)
pH VALUE (lab)	7.2 (avg)	7.0 - 8.5 (ideal)



## PFAS Contaminants with a Recommended Health Advisory Level

Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) are a large group of human-made chemicals that have been used in industry and consumer products worldwide since the 1950's. The following table lists PFAS contaminants which were detected in your water and that have a Recommended Public Health Groundwater Standard (RPHGS) or Health Advisory Level (HAL).

There are no violations for detections of contaminants that exceed the RPHGS or HAL. The RPHGS are levels at which concentrations of the contaminant present a health risk and are based on guidance provided by the Wisconsin Department of Health Services.

CONTAMINANT (units)	RPHGS or HAL (ppt)	LEVEL FOUND	RANGE	YEAR SAMPLED
PFHXS (ppt)	40	1.81	1.00 - 1.81	2023
PFBS (ppt)	450,000	0.50	0.00 - 0.50	2023
PFHXA (ppt)	150,000	0.94	0.00 - 0.94	2023

## Our Continuing Commitment

Reedsburg Utility remains steadfast in its continuing commitment to the community, guided by three core principles. Firstly, the utility prioritizes the provision of high-quality, safe drinking water at the lowest possible price, ensuring accessibility for all residents. Secondly, the utility rigorously monitors and tests the water it serves, employing state-of-the-art technology and stringent protocols to optimize quality. Regular testing and analysis enable the utility to identify and address any potential issues promptly, safeguarding the health and well-being of consumers. Lastly, Reedsburg Utility goes above and beyond, working tirelessly around the clock to provide top-quality water that exceeds expectations. Whether through infrastructure upgrades, community outreach, or ongoing education initiatives, the utility remains dedicated to delivering exceptional service and enhancing the overall water experience for every individual served.



# Definition of Terms

**AL**      **Action Level**  
The concentration of a contaminant which, if exceeded, triggers treatment of other requirements which a water system must flow.

**MCL**      **Maximum Contaminant Level**  
The highest level on a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available technology.

**MCLG**      **Maximum Contaminant Level Goal**  
The level of a contaminant in drinking water below which is no known or expected risk to health. MCLGs all for a margin of safety.

**MFL**      **Millions Fibers per Liter**  
This is the a measure of the presence of asbestos fibers that are longer than 10 micrometers in length.

**NTU**      **Nephelometric Turbidity Units**  
Nephelometric turbidity units are a measure of the clarity of water.

**TCR**      **Total Coliform Rule**  
The rule set both a health goal and legal limits for the presence of total coliforms in drinking water.

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

**mrem/yr**      **Millirems per year**  
A measure of radiation absorbed by the body.

**n/a**      **Not Applicable**  
Information does not apply.

**n/d**      **Not Detected**  
Not observed or noticeable.

**pCi/l**      **Picocuries per Liter**  
A measure of radioactivity.

**ppm**      **Parts per Million**  
Measured in Milligrams per liter (mg/l)

**ppb**      **Parts per Billion**  
Measured in Micrograms per liter (ug/l)

**ppt**      **Parts per Trillion**  
Measured in Nanograms per liter (ng/l)

**ppq**      **Parts per Quadrillion**  
Measured in Pictograms per liter (pg/l)

2023 Water System Upgrades consisted of replacing water mains, valves, hydraulics and services on Plum Street from South Willow Street to South Dewey Avenue and a portion of Viking Drive near the East Main Street intersection.