Rolla Municipal Utilities

Public Water System ID Number: MO3010700

2025 Annual Water Quality Report

This document contains the most recent testing results, complies with the regulations, and is intended as an informative summary of the contaminants found in Rolla's drinking water. Governmental agencies are continually monitoring drinking water in an effort to assure public health, and the Maximum Contaminants Levels (MCL) are set to correspond with safe consumption levels. As of this date, Rolla has monitored for many more contaminants than are depicted in this document, and to avoid confusion, contaminants not found are not listed. All monitoring is done by the Department of Natural Resources or laboratories certified by the government for that particular methodology. The Missouri Department of Natural Resources has completed a Source Water Assessment Plan for Rolla, which you may access by calling (573) 751-5331.

Este informe contiene informacion muy importante. Tradùscalo o prequntele a alguien que lo entienda bien.

Providing our customers with this report is just one of the many requirements the federal and state governments place on all community water systems and as always, we're eager to comply.

Your drinking water is provided by nineteen (19) wells reaching deep into the Ozark aquifer. In an effort to maintain adequate fire protection and provide fresh water to Rolla, the wells are run and rotated based on demand. At each well, Rolla's water is fluoridated for healthy teeth and bones, and chlorinated to maintain bacteriological integrity throughout the system. These chemicals are carefully monitored on a daily basis.

Additional information about your water, water system and your utility may be obtained by contacting:

Rolla Municipal Utilities

102 West 9th Street

Rolla, Missouri 65401

(573) 364-1572

www.rmurolla.org

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 (800-426-4791).

Contaminants that may be present in source water include:

A. Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

B. 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.

C. Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

D. Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

E. Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activates.

In order to ensure that tap water is safe to drink, the Department of Natural Resources prescribes regulation which limits the amount of certain contaminants in water provided by public water systems. Department of Health regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Special Lead and Copper Notice

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. **ROLLA PWS** is responsible for providing high quality drinking water and removing water system owned and controlled lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials in the portion of the service line you own, within your home plumbing, and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. Information on lead in drinking water, testing methods, and steps you can take to minimize expo-sure is available at *http://www.epa.gov/safewater/lead.*

All contaminant sample results from past and present compliance monitoring are available online at the Missouri DNR Drinking Water Watch website at *www.dnr.mo.gov/DWW/.* To see the Lead and Copper results, enter your water system's name in the box titled Water System Name, then select Find Water Systems at the bottom of the page. On the next screen, click on the Water System Number. At the top of the next page, under the help column, click on Other Chemical Results by Analyte. Scroll down to Lead and click the blue Analyte Code (1030). A Sample Collection Date range may need to be entered. The Lead and Copper locations will be displayed under the heading Sample Comments. Scroll to find your location and click on the Sample No. for results. If you assisted the water system in taking a Lead and Copper sample but cannot find your location on the list, please contact **ROLLA PWS** for your results.

A service line inventory was required to be prepared and can be requested from **ROLLA PWS**.

Information

The sources of drinking water (both tap water and bottled water) include river, lakes, streams, ponds, reservoirs, springs, and groundwater 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.

Water Softener Information

Rolla's water contains approximately 16.1 grains/gal, or 276 mg/l hardness as $CaCo_3$.

**** NOTICE ****

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompro-mised 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 infec-tions. 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 at (800-426-4791).

Terms and Abbreviations

Definitions:

Population: 20800. This is the equivalent residential population served including non-bill paying customers.

MCLG: Maximum Contaminant Level Goal, or 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.

MCL: Maximum Contaminant Level, or 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.

AL: Action Level, or the concentration of a contaminant which, when exceeded, triggers treatment or other re-quirements which a water system must follow.

90th percentile: For Lead and Copper testing. 10% of test results are above this level and 90% are below this level.

Range of Results: Shows the lowest and highest levels found during a testing period, if only one sample was tak-en, then this number equals the Highest Test Result or Highest Value.

RAA: Running Annual Average, or the average of sample analytical results for samples taken during the previous four calendar quarters.

LRAA: Locational Running Annual Average, or the locational average of sample analytical results for samples taken during the previous four calendar quarters.

TTHM: Total Trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) as a group.

HAA5: Haloacetic Acids (mono-, di- and tri-cloracetic acid, and mono- and di-bormoacetic acid) as a group.

Cryptosporidium: A microscopic parasite that can be found in surface waters.

Abbreviations:

ppb: parts per billion or micrograms per liter.

ppm: parts per million or milligrams per liter.

nd: not detectable at testing limits.

EPA: Environmental Protection Agency.

mg/l: Milligrams per Liter, Corresponds to approximately one drop in ten gallons of water.

pCi/l: Picocuries per Liter, a measure of radioactivity in water.

CDC: Centers for Disease Control and Prevention.

Contaminants Report

The state has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Records with a sample year more than one year old are still considered representative. No data older than 5 years need be included. If more than one sample is collected during the monitoring period, the Range of Sampled Results will show the lowest and highest tested results. The Highest Test Result, Highest LRAA, or Highest Value must be below the maximum contaminant level (MCL) or the contaminant has exceeded the level of health based standards and a violation is issued to the water system.

2025—REGULATED CONTAMINANTS—2025						
LEAD AND COPPER	**90th Percentile**	**Range**	**Unit**	**AL**	**Sites Over AL**	**Typical Source**
Copper (‘22 - ’24)	0.168	0.00849 - 0.409	ppm	1.3	0	Corrosion of household plumbing systems
Lead (‘22 - ’24)	3.91	0 - 5.69	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Regulated Contaminants	Collection Date	Highest Test Result	Range of Sampled Result(s) (low - high)	Unit	MCL	MCLG	Typical Source
Barium	3/24/2025	0.195	0.195	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride	3/24/2025	0.45	0.45	ppm	4	4	Natural deposits; Water additive which promotes strong teeth
Nitrate-Nitrite	4/16/2025	0.041	0 - 0.041	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Monitoring Period	Highest LRRA	Range	Unit	MCL	MCLG	Typical Source
TTHM	DBPDUAL-01	2025	2	2.27 - 2.27	ppb	80	0	Byproduct of drinking water disinfection
TTHM	DBPDUAL-04	2025	5	5.16 - 5.16	ppb	80	0	Byproduct of drinking water disinfection

RADIONUCLIDES	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
Combined Radium (-226 & -228)	7/29/2025	1.3	0 – 1.3	pCi/l	5	0	Erosion of natural deposits
Gross Alpha Particle Activity	3/21/2025	4.3	0 - 4.4	pCi/l	15		Erosion of natural deposits
Gross Alpha, Excl. Radon & U	1/9/2024	4.4	0 - 4.4	pCi/l	15	0	Erosion of natural deposits
Radium-226	7/29/2025	1.3	0 – 1.3	pCi/l	5	0	
Radium-228	3/31/2025	1.1	0 – 1.1	pCi/l	5	0	

MICROBIOLOGICAL - No detected results were found in the calendar year 2025.

During the 2025 calendar year, we had the below noted violation(s) of drinking water regulations.		
Compliance Period	**Analyte**	**Type**
2025	**Lead and Copper Rule Revisions**	**Notification, Known or Potential LSL**

The table lists all of the drinking water contaminants that RMU detected during the calendar year of this report, unless otherwise noted. The presence of contaminants in the water does not necessarily indicate that water poses health risks. The State has reduced monitoring frequency to less often than once per year for some contaminants because the concentrations are unlikely to vary from year to year. Some of our data, though representative, may be more than one (1) year old.

As a service to all our customers, this report can be viewed on our website at www.rmurolla.org/wp-content/uploads/2026/06/CCR_25.pdf or at www.dnr.mo.gov/ccr/MO3010700.pdf

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People You Know, Service You Trust

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IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Reporting Requirement(s) Not Met for Rolla Municipal Utilities

RMU is required to report a copy of the notice and materials sent to persons served by known or potential service lines containing lead to the State, which was completed.

Our system, however, did not notify the State that it delivered annual notifications and information to affected consumers with lead, galvanized requiring replacement, or lead status unknown service lines as required by July 1, 2025. Although failure to comply with the reporting requirement does not create a risk to public health, we are required to inform you of this violation and provide additional information including what we did to correct the violation of notification.

It is important for consumers to know if the water they are receiving has been delivered through a lead, galvanized requiring replacement (GRR), or lead status unknown service line so they can make decisions on whether and what actions to take to reduce their exposure to lead in drinking water.

What should I do?

There is nothing you need to do at this time. You do not need to boil your water or take other actions. Remember, boiling water does not remove lead from water.

For more information on reducing lead exposure around your home/building and the health effects of lead, visit the EPA's websites at https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water and http://www.epa.gov/lead.

What is being done?

While RMU was out of compliance with timely notification to the State, we did, however, provide the required notification to persons served, as well as the missing information to the State. We are no longer in violation.

For more information, please contact Rolla Municipal Utilities at (573) 364-1572.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Rolla Municipal Utilities. Public Water System ID# MO3010700.

Date distributed: Included with Consumer Confidence Report issued June 8, 2026.