2025

WATER QUALITY REPORT

MEADOW LAKE WATER SYSTEM

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

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THANK YOU

About Your Water Quality

At New Mexico Water Service (New Mexico Water), our goal is to deliver safe, high-quality drinking water, 24 hours per day, seven days per week, 365 days per year. As part of that effort, we produce this annual water quality report, which includes information about where your water comes from, what it contains, and how it compares to state and federal standards. **Most importantly, it confirms that in 2025, our water met or surpassed all standards set by the U.S. Environmental Protection Agency (EPA) and New Mexico Environment Department (NMED) to protect public health.**

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YOUR WATER SYSTEM

The water for the Meadow Lake water system is pumped from three wells that are drilled into the Rio Grande Basin in an unconfined alluvial aquifer, bounded on the east by a fault at the Manzano Mountain-front and to the west by the Central Hubble Spring Fault. The groundwater pumped from the aquifer is disinfected and stored in a 250,000-gallon steel reservoir.

SOURCE WATER ASSESSMENT AND PROTECTION

The Meadow Lake water system is well maintained and operated, and sources of drinking water are generally protected from potential contamination by well construction, hydrogeology, and system operations and management. However, the susceptibility of the system is classified as “moderately high,” due to the potential contamination from septic systems. No associated contaminants have been detected from this potential source. Please contact New Mexico Water to discuss the findings for the Source Water Assessment and Protection Plan (SWAPP) report.

If you would like more information regarding the source water assessment, please contact the Drinking Water Bureau at (505) 476-8620 or toll free (877) 654-8720.

FOR DETAILS ON THE DATA IN THIS REPORT

New Mexico Water Service
Attn: Staci Avendano
608 Butte Boulevard
Elephant Butte, NM 87935
(575) 744-5974
SAvendano@newmexicowater.com

If you have questions about your water service, please contact us:

401 Horner Street
Rio Communities, NM 87002
(505) 864-2218
M–F 8 a.m.–5 p.m.
(closed noon–1 p.m.)

POSSIBLE CONTAMINANTS

All 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.

The sources of drinking water (both tap and bottled) include rivers, lake, 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 human activities. Prior to entering the distribution system, source water with constituents over maximum contaminant levels is treated to reduce levels to meet standards set by public health experts.

More information about contaminants and potential health effects can be obtained by calling the EPA 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 compounds, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural applications, and septic systems.
- Radioactive contaminants, which can be naturally occurring or the result of oil and gas production and mining activities.

In order to keep tap water safe to drink, the EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations also establish limits for contaminants in bottled water, which must provide the same protection for public health.

PFAS AND LEAD

PFAS

In April 2024, the EPA adopted the final water quality regulation for certain per- and polyfluoroalkyl substances (PFAS): MCL of 4 ppt for PFOS and PFOA; MCL of 10 ppt for PFHxS, PFNA, and GenX; Hazard Index of 1.0 combined for PFHxS, PFNA, PFBS, and GenX. Water systems must begin monitoring for these PFAS within three years, and comply within five years.

At New Mexico Water, protecting our customers' health and safety is our highest priority, and we are committed to complying with all requirements set by the public health experts. We have been preparing for the EPA regulation and its potential impact on—and any treatment needed in—our systems, and already evaluated the impact of the proposed regulation so that we could be better prepared to comply with the final MCLs.

Additionally, we believe a comprehensive approach is needed to properly address the situation. We strongly supported state legislation that will prohibit the sale and use of certain products that contain PFAS, require the certification of accurate testing methods for PFAS, and establish a publicly accessible database that houses the sources of PFAS entering water supplies. We have also filed lawsuits to hold PFAS manufacturers responsible—and prevent our customers from bearing the costs of treatment, to the extent possible—and are pursuing grants where available to offset customer cost impacts.

As background, PFAS are manmade compounds that have been used to make carpets, clothing, fabrics for furniture, paper packaging for food, and other materials (e.g., cookware) that are resistant to water, grease, or stains. These compounds are also used for firefighting at airfields, which is one way they have found their way into groundwater in certain areas.

Studies indicate that long-term exposure to PFAS over certain levels could have adverse health effects, including developmental effects to fetuses during pregnancy or infants; cancer; or impacts on liver, immunity, thyroid, and other functions. Potential health effects related to PFAS are still being studied, and research is still evolving on this issue.

For more information about PFAS, visit the NMED-PFAS website at **www.env.nm.gov/pfas** or the EPA website at **www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas**

ABOUT LEAD

As the issue of lead in water continues to be top of mind for many Americans, New Mexico Water wants to assure you about the quality of your water.

None of these conditions exist at New Mexico Water. We have worked proactively to eliminate lead-bearing materials from our water systems, and we are compliant with health and safety codes mandating the installation of lead-free materials in public water systems. We test our water sources to confirm that the water we deliver to customers' meters meets water quality standards and is not corrosive toward plumbing materials. The water we deliver may meet lead standards, but what about your home plumbing? Because lead in drinking water comes primarily from materials and components associated with service lines and home plumbing, the Lead and Copper Rule is a critical part of our water quality monitoring program.

The Lead and Copper Rule requires us to test water *inside* a representative number of homes with plumbing most likely to contain lead and/or lead solder (those built before 1986). This test, with other water quality testing, tells us if the water is corrosive enough to cause lead from home plumbing to leach into the water. If the "Action Level" for lead is exceeded, we work with our customers to investigate the issue and, if necessary, implement corrosion control before the lead levels create a health issue.

Elevated levels of lead, if present, can cause serious health problems, especially for pregnant women and children. If your home's plumbing contains lead piping or pipe fittings, lead solder, or brass fixtures that may contain lead, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking.

In 2024, New Mexico Water was required to provide a lead line inventory to NMED. For information about or a copy of the inventory, please contact Staci Avendano at (575) 744-5974

If you are concerned about lead in your water, you may wish to have your water tested by a certified lab. 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 **www.epa.gov/safewater/lead**.

In your system, results from our lead monitoring program, conducted in accordance with the Lead and Copper Rule, were non-detectable for the presence of lead.

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TABLE INTRODUCTION

KEY DEFINITIONS

ACTION LEVEL (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other required action by the water provider.

MAXIMUM CONTAMINANT LEVEL GOAL (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 CONTAMINANT LEVEL (MCL): 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.

MAXIMUM RESIDUAL DISINFECTANT LEVEL GOAL (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.

MAXIMUM RESIDUAL DISINFECTANT LEVEL (MRDL): The highest level of a disinfectant allowed in drinking water. There is significant evidence that the addition of a disinfectant is necessary for control of microbial contaminants.

TREATMENT TECHNIQUE (TT): A required process intended to reduce the level of a contaminant in drinking water.

New Mexico Water tests your water for more than 140 regulated contaminants and dozens of unregulated contaminants. This table lists only primary contaminants that were detected during the calendar year of this report (unless otherwise noted).

See the Potential Contaminants web page for a complete list of contaminants we test for.

The EPA and state of New Mexico require us to monitor for certain contaminants less than once per year because concentrations of these contaminants do not change rapidly.

DO I NEED TO TAKE SPECIAL PRECAUTIONS?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised people, such as those with cancer undergoing chemotherapy, those who have undergone organ transplants, and those with HIV/AIDS or other immune system disorders; some elderly people; and infants, can be particularly at risk from infections. These people should seek advice from their health care providers about drinking water. EPA/Centers for Disease Control and Prevention (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.

STANDARD ABBREVIATIONS

NA	Not applicable
pCi/L	picoCuries per liter (measure of radioactivity)
ppb	parts per billion (micrograms per liter)
ppm	parts per million (milligrams per liter)
µg/L	Number of micrograms of substance in one liter of water

Our testing equipment is so sensitive, it can detect constituents as small as 1 part per trillion. That is equivalent to 1 inch in over 15 million miles.

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2025 WATER QUALITY

Disinfectants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low	Range High	Samples > AL	Year Tested	Unit	Violation	Typical Source
Chlorine (as CL2)	4	4	0.84	0.21	2.06	—	2025	ppm	No	Water additive used to control microbes

Inorganic Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Result Your Water	Range Low	Range High	Samples > AL	Year Tested	Unit	Violation	Typical Source
Nitrate (measured as nitrogen)	10	10	2.3	—		—	2025	ppm	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Fluoride	4	4	0.18	—		—	2023	ppm	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Barium	2	2	0.065	—		—	2023	ppm	No	Discharge of drilling wastes; discharge from metal refineries, erosion of natural deposits

Inorganic Contaminants	MCLG	AL	Result Your Water	Range Low	Range High	Samples > AL	Year Tested	Unit	Exceeds AL	Typical Source
Copper—action level at consumer taps	1.3	1.3	0.022	0.0044	**0.11**	0	2025	ppm	No	Corrosion of household plumbing systems; erosion of natural deposits

Radioactive Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Result Your Water	Range Low	Range High	Samples > AL	Year Tested	Unit	Violation	Typical Source
Combined radium 226/228	0	5	0.8	—		—	2025	pCi/L	No	Erosion of natural deposits
Beta/proton emitters	0	50	1.2	—		—	2025	pCi/L	No	Decay of natural and manmade deposits. The EPA considers 50 pCi/L to be the level of concern for Beta particles.

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Thanks for taking the time to learn more about your water quality.

Even more information awaits you at www.newmexicowater.com.

Visit our web site to get information about your account, water rates, and water system. And, as always, you can reach us by phone or at our Customer Center.

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