
Annual Drinking Water Quality Report

NORTH RURAL WSC

Public Water System ID: TX1820009

We are pleased to present to you the Annual Water Quality Report (Consumer Confidence Report) for the year, for the period of January 1 to December 31, 2025. 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. Este reporte incluye informacion importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (940) 328-7865

For more information regarding this report, contact: Name: Cody Morris Phone:940-327-0700

Sources of Drinking Water

NORTH RURAL WSC is Purchased surface water.

Our water source(s) and source water assessment information are listed below:

Source Name	Type of Water	Report Status	Location	
SW FROM CITY OF MINERAL WELLS	I/C WITH TX1820001	Surface water	Yes	https://gisweb.tceq.texas.gov/swat/print/1820009

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 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:

A service line inventory has been prepared and can be accessed in person at our office, please call 940-327-0700.

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 which limit the amount 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.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

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 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 (800-426-4791).

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. NORTH RURAL WSC is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact NORTH RURAL WSC at 940-327-0700. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <https://www.epa.gov/safewater/lead>.

In the tables below, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

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

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

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 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 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 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.

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

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

Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Avg: Average - Regulatory compliance with some MCLs are based on running annual average of monthly samples.

RAA: Running Annual Average.

LRAA: Locational Running Annual Average.

mrem: millirems per year (a measure of radiation absorbed by the body).

ppb: micrograms per liter (ug/L) or parts per billion - or one ounce in 7,350,000 gallons of water.

ppm: milligrams per liter (mg/L) or parts per million - or one ounce in 7,350 gallons of water.

picocuries per liter (pCi/L): picocuries per liter is a measure of the radioactivity in water.

na: not applicable.

Disinfectant Residual

All public water systems in Texas are required to disinfect drinking water to ensure control of microbial contaminants. Disinfectants are water additives used to control microbes.

Disinfectant	Year	Average Level	Unit	Range	MRDL/MRDLG Goal
Chloramines	2025	1.725538	Ppm	0.90 – 2.20	4/4

Regulated Contaminants

In the tables below, we have shown the regulated contaminants that were detected. Chemical Sampling of our drinking water may not be required on an annual basis; therefore, information provided in this table refers back to the latest year of chemical sampling results.

Lead and Copper	Period	90TH Percentile: 90% of your water utility levels were less than	Range of Sampled Results (low - high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2020 - 2022	0.0776	0.0034 - 0.3193	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2020 - 2022	0	0 - 8.9	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	10506 HWY 180 E, WEATHERFORD	2025	23	18.1	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	1515 SHATTLES RD, MINERAL WELLS	2025	20	20.1	ppb	60	0	By-product of drinking water disinfection
TTHM	10506 HWY 180 E, WEATHERFORD	2025	34	28.4	ppb	80	0	By-product of drinking water chlorination
TTHM	1515 SHATTLES RD, MINERAL WELLS	2025	47	56.8	ppb	80	0	By-product of drinking water chlorination

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
DIBROMOCHLOROMETHANE	10/6/2025	20.9	10.2 - 20.9	UG/L	0	0.06	
NITRATE	10/6/2025	0.147	0.0654 - 0.147	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
NITRATE-NITRITE	11/5/2024	0.158	0.133 - 0.158	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Violations

During the period covered by this report we had the below noted violations.

Violation Period	Analyte	Violation Type	Violation Explanation
1/1/2023 - 12/31/2025	LEAD & COPPER RULE	FOLLOW-UP OR ROUTINE TAP M/R (LCR)	Failed to comply with follow-up or routine tap monitoring requirements related to lead and copper
10/17/2024 - 2/10/2025	PUBLIC NOTICE	PUBLIC NOTICE RULE LINKED TO VIOLATION	Failed to issue public notice or failed to provide a copy of the notice and certification to the state
10/17/2024 - 2/10/2025	LEAD AND COPPER RULE REVISIONS	LSL INVENTORY-INITIAL	
10/17/2024 - 2/10/2025	LEAD AND COPPER RULE REVISIONS	LSL REPORTING-INITIAL	

There are no additional required health effects notices.

There are no additional required health effects violation notices.

2025 Consumer Confidence Report (CCR)

for the City of Mineral Wells Public Water System - PWS ID No. TX1820001

for the period of January 1 to December 31, 2025

YOUR DRINKING WATER IS REGULATED AND MEETS OR EXCEEDS ALL FEDERAL and STATE DRINKING WATER REQUIREMENTS: This report is intended to provide you with important information about your drinking water and the efforts made by the City of Mineral Wells to provide safe drinking water. We hope this information helps you become more knowledgeable about what is in your drinking water. For more information regarding this report contact the City of Mineral Wells Public Works Department at (940) 328-7777.

EN ESPAÑOL: Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al teléfono (940) 328-7865.

The City of Mineral Wells provides SURFACE water from Lake Palo Pinto, Palo Pinto Creek, and Hilltop Presedimentation Reservoir located in Palo Pinto County, Texas.

Information about your Drinking Water:

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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 storm water 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 storm water 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 storm water 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 which limit the amount 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.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the City of Mineral Wells Public Works Department at (940) 328-7777

You may be more vulnerable than the general population to certain microbial contaminants, such as *Cryptosporidium*, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* 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 is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Information about Source Water:

The Texas Commission on Environmental Quality completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact the City of Mineral Wells Public Works Department at (940) 328-7777.

Definitions and Abbreviations

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

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

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

Avg: Regulatory compliance with some MCLs are based on running average of monthly samples.

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Maximum Residual Disinfectant Level Goal (MRDLG): The level of drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectant to control microbial contaminants.

90th Percentile: 90% of samples are equal to or less than the number in the chart.

MFL: million fibers per liter (a measure of asbestos)

mrem: millirems per year (a measure of radiation absorbed by the body)

N/A: not applicable

NTU: nephelometric turbidity units (a measure of turbidity)

pCi/L: picocuries per liter (a measure of radioactivity)

ppb: micrograms per liter (ug/L), or parts per billion - or one ounce in 7,350,000 gallons of water.

ppm: parts per million, or milligrams per liter (mg/L) - or one ounce in 7,350 gallons of water.

ppq: parts per quadrillion, or picograms per liter (pg/L)

ppt: parts per trillion, or nanograms per liter (ng/L)

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

2025 WATER QUALITY TEST RESULTS

Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorite	2025	1.00	0.0-1.00	0.8	1	ppm	N	By-product of drinking water disinfection.
Haloacetic Acids (HAA5)	2025	24.6	21.5-24.6	no goal for the total	60	ppb	N	By-product of drinking water disinfection.

* The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year '

Total Trihalomethanes (TTHM)	2025	67.6	63.1-67.6	no goal for the total	80	ppb	N	By-product of drinking water disinfection.
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* The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year '

Inorganics Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Arsenic	2024	1	1 - 1	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Barium	2025	0.095	0.095	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2025	0.0171	0.0-0.0171	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)	2025	0.0236	0 - 0.0236	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Beta/photon emitters	8/28/2023	8.9	8.9 - 8.9	0	50	pCi/L*	N	Decay of natural and man-made deposits.

* EPA considers 50 pci/L to be the level of concern for beta particles.

Synthetic organic contaminants including pesticides and herbicides	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units of Measure	Violation	Likely Source of Contamination
Di (2-ethylhexyl) phthalate	2024	1	0.7 - 0.7	0	6	ppb	N	Discharge from rubber and chemical factories.

Disinfectant Residual	Collection Date	Average Level	Range of Levels Detected	MRDL	MRDLG	Units of Measure	Violation	Likely Source of Contamination
Chloramines	2025	3.44	2.2 - 4.6	4	4	ppm	N	Water additive used to control microbes.

Turbidity	Level Detected	Limit (Treatment Technique)	Violation	Likely Source of Contamination
Highest single measurement	0.47 NTU	1 NTU	N	Soil runoff.
Lowest monthly % meeting limit	100%	0.3 NTU	N	Soil runoff.

Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

TOTAL ORGANIC CARBON (TOC)		The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirement set, unless a TOC violation is in the violation section.				
TOC	Collection Date	Highest Level Detected	Range	Unit	TT	Typical Source
Carbon, Total	6/10/2025	7.34	0.79-7.34		0	Naturally present in the environment.

Unregulated Contaminant	Collection Date	Average Level	Range of Levels Detected	Health -Based Reference Concentration (µg/L) (recommended, not required in the CCR)	Health Information Summary (recommended, not required in the CCR)
Lithium	2024	11.6	11.6	10	This data is part of UCMR5 results in relation to minimum reporting levels and available non-regulatory health-based reference concentrations.

Lead Service Line Inventory has been prepared. This prepared document can be found on the Mineralwellstx.gov website under Public Works. To access the inventory, please contact David Morgan at (940) 328-7777.

CRYPTOSPORIDIUM MONITORING INFORMATION

In 2022 the City of Mineral Wells tested our raw water monthly for Cryptosporidium, a microbial parasite that may be commonly found in surface water. Cryptosporidium may come from animal and human feces in the watershed. The results of our monitoring detected no cryptosporidium present.

WATER LOSS ESTIMATE

Water loss estimate. The water loss estimate for the time period of January - December 2025 is 84,677,000 million gallons. This calculates to 9.40% loss of produced water. If you have any questions about the water loss, please call the City of Mineral Wells Director of Public Works, Scott McKennon, at (940) 328-7777.