



We're pleased to present to you the 2025 Annual Drinking Water Quality Report. This report is designed to inform you about the safe clean water we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Northeast Regional Water District (NRWD) purchases its water from the City of Devils Lake water treatment plant and also supplies approximately 60.66 percent from the NRWD's groundwater source in the Icelandic Aquifer west of Cavalier.

The North Dakota Department of Environmental Quality has prepared a Source Water Assessment for the City of Devils Lake and NRWD. This information will be made available at the respective offices during normal business hours. The City of Devils Lake & NRWD participate in the wellhead protection program and copies of the wellhead protection plan are available from the City of Devils Lake & NRWD offices during normal business hours. Information of Devils Lake Source Water Assessment can be obtained from the City of Devils Lake, contact Joel Myhro, public works superintendent. Our public water system, in cooperation with the North Dakota Department of Environmental Quality, has completed the delineation and contaminant/land use inventory elements of the North Dakota Source Water Protection Program. Based on the information from these elements, the North Dakota Department of Environmental Quality has determined that Devils Lake's ground water source from the Spiritwood Aquifer near Tolna is "moderately susceptible" to potential contaminants and the Icelandic Aquifer west of Cavalier groundwater source is "susceptible" to potential contaminants.

However, NRWD's board of directors has taken an aggressive position toward protecting the quality of the water source in the Icelandic Aquifer, particularly because of the fragile, leachable sands in this area. Within recent years, the district has purchased approximately 1,800 acres of land to establish a wellhead protection area around the production wells. Much research had been done to determine groundwater movement, annual recharge over the well field, and generally restricting the land to only "water-friendly" uses. In addition, restricted covenants with some area landowners have been entered into, whereas, those landowners agree to only "water-friendly" land use practices. The boundaries of the land purchased were determined on the basis of direction of groundwater movement and the zone of influence of each production well.

Northeast Regional Water District is pleased to report that our drinking water is safe and meets federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Jeremy Schuler, Manager, at (701) 265-8503. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the last Thursday of each month at 8:00 AM in Northeast Rural Water District Langdon Branch or Cavalier Branch office. If you are aware of non-English speaking individuals who need help with the appropriate language translation, please call Jeremy

at the number listed above.

Northeast Regional Water District would appreciate it if large volume water customers would please post copies of the Annual Drinking Water Quality Report in conspicuous locations or distribute them to tenants, residents, patients, students, and/or employees, so individuals who consume the water, but do not receive a water bill, can learn about our water system.

The sources of drinking water (both tap 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.

Northeast Regional Water District routinely monitors for contaminants in your drinking water according to Federal and State laws. The following table shows the results of our monitoring for the period of January 1 to December 31, 2025. As authorized and approved by EPA, 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. Some of our data [e.g., for inorganic contaminants] though representative, is more than one year old.

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 come from a variety of sources such as agriculture, urban stormwater runoff and residential uses. (Pesticide: Generally, any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Herbicide: Any chemical(s) used to control undesirable vegetation.)

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, the Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health. In the tables on pages 3 thru 5 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:

Not Applicable- (N/A)
Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million

corresponds to one minute in two years or a single penny in \$10,000. Parts per billion (ppb) or Micrograms per liter (µg/l) - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/l) - picocuries per liter is a measure of the radioactivity in water.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person. Action Level (AL)- The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level (MCL)- The "Maximum Allowed" (MCL) is 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 (MCLG) - The "Goal" (MCLG) is 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 (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.

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.

2025 TEST RESULTS FOR THE CITY OF DEVILS LAKE								
Contaminant	MCL	MCLG	Level Detected	Unit Measurement	Range	Date (year)	Violation Yes/No Other Info	Likely Source of Contamination
Inorganic Contaminants								
1. Nitrate-Nitrite	10	10	.533	ppm	N/A	2025	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
2. Barium	2	2	0.0409	ppm	N/A	2017	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
3. Fluoride	4	4	0.809	ppm	N/A	2017	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
4. Arsenic	10	0	4.49	ppb	N/A	2025	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production waste
Stage 2 Disinfection By-products								
5. Total Haloacetic Acids (HAA5)	60	System-wide	None Detected	ppb	N/A	2025	No	By-product of drinking water chlorination
6. Total Trihalomethanes (TTHM)	80	System-wide	3	ppb	N/A	2025	No	By-product of drinking water chlorination
Synthetic Organic Contaminants Including Pesticides & Herbicides								
7. Pentachlorophenol	1	0	0.03	ppb	N/A	2017		
Copper/Lead Samples Action Level								
8. Copper	20	AL=1.3	0.441 90th % value	ppm	0.0143 to 0.622	2024	0 Samples exceeded the AL	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
9. Lead	20	AL=15	1.96 90th % value	ppb	ND to 5.0	2024	0 Samples exceeded the AL	Corrosion of household plumbing systems; erosion of natural deposits
Disinfectants								
10. Chlorine	MRDL =4.0	MRDLG =4	2.3	ppm	.72 to 4.07	2025	No	Water additive used to control microbes
Radioactive By-products								
11. Gross Alpha, including RA, excluding RN & U	15	15	None Detected	pCi/L	N/A	2025	No	Erosion of natural deposits
12. Radium, combined (226, 228)	5		0.4285	pCi/L	N/A	2025	No	Erosion of natural deposits
13. Uranium, combined	30		None Detected	ppb	N/A	2025	No	Erosion of natural deposits

2025 TEST RESULTS FOR NORTHEAST REGIONAL WATER DISTRICT (NORTH VALLEY BRANCH)								
Contaminant	MCL	MCLG	Level Detected	Unit Measurement	Range	Date (year)	Violation Yes/No Other Info	Likely Source of Contamination
Inorganic Contaminants								
1. Fluoride	4	4	0.635	ppm	N/A	2017	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
2. Barium	2	2	0.184	ppm	N/A	2017	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
3. Nitrate-Nitrite	10	10	None Detected	ppm	N/A	2025	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants								
4. Chlorine	MRDLG =4	MRDL =4.0	1.4	ppm	0.5675 to 1.7075	2025	No	Water additive used to control microbes
Radioactive By-products								
5. Gross Alpha, including RA, excluding RN & U	15	15	.25	pCi/L	N/A	2025	No	Erosion of natural deposits
6. Radium, combined (226, 228)	5		0.5276	pCi/L	N/A	2025	No	Erosion of natural deposits
7. Uranium, combined	30		None Detected	ppb	N/A	2025	No	Erosion of natural deposits
Copper/Lead Samples Action Level								
8. Copper	20	AL=1.3	0.487 90th % value	ppm	0.0375 to 1.154	2025	0 Samples exceeded the AL	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
9. Lead	20	AL=15	2.36	ppb	ND to 3.15	2025	0 Samples exceeded the AL	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Stage 2 Disinfection By-products (TTHM/HAA5)								
10. Total Trihalomethanes (TTHM)	System-wide	80	14	ppb	N/A	2025	No	By-product of drinking water chlorination
11. Total Haloacetic Acids (HAA5)	System-wide	60	7	ppb	N/A	2025	No	By-product of drinking water chlorination
Unregulated Contaminants								
12. Manganese			0.028	ppm	N/A	2017		

2025 TEST RESULTS FOR NORTHEAST REGIONAL WATER DISTRICT (LANGDON BRANCH)								
Contaminant	MCL	MCLG	Level Detected	Unit Measurement	Range	Date (year)	Violation Yes/No Other Info	Likely Source of Contamination
Copper/Lead Samples Action Level								
1. Copper	10	AL=1.3	0.268 90th % Value	ppm	0.0241 to 0.457	2023	0 Samples exceeded the AL	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
2. Lead	10	AL=15	1.44	ppb	ND to 1.52	2023	0 Samples exceeded the AL	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Stage 2 Disinfection By-products								
3. Total Trihalomethanes (TTHM)	System-wide	80	9	ppb	3.52 to 9.07	2025	No	By-product of drinking water chlorination
4. Total Haloacetic Acids (HAA5)	System-wide	60	None Detected	ppb	N/A	2025	No	By-product of drinking water chlorination
Disinfectants								
5. Chlorine	MRDL =4.0	MRDLG =4	1.3	ppm	0.125 to 3.4	2025	No	Water additive used to control microbes

Thank you for the opportunity to serve you in the State Senate. We may not have won this race, but I trust that God's will has prevailed. These past few years have been one of the greatest honors of my life, and I feel very fortunate to have had this privilege. From the farm fields to the small towns in our communities, so many of you opened your doors, shared your concerns, and trusted me to fight for transparency, rural communities, and our shared conservative values. I'm grateful for every vote, every conversation and every prayer. I'll keep working-as a neighbor, a farmer, and an active citizen-to make sure North Dakota remains a place where faith, family and freedom come first. - Kent Weston

WATER OPERATORS

Cavalier
Jeremy Schuler, Manager
Jeff Harildstad, Operations Manager
Tyler Hannesson, Water Operator
Jonathan Einarson, Water Operator

Langdon
Cody Schlittenhard, Operations Manager
Corben Gage, Water Operator