

ANNUAL DRINKING WATER COMPLIANCE REPORT FOR 2025

prepared by the
Drinking Water Program
Municipal Facilities Division
North Dakota Department of Environmental Quality

June 2026

INTRODUCTION

This Annual Compliance Report has been developed to meet the requirement of section 1414 of the 1996 Amendments to the Safe Drinking Water Act (SDWA). The time period covered in this report is January 1, 2025 through December 31, 2025.

The Drinking Water Program: An Overview

The Environmental Protection Agency (EPA) established the Public Water System Supervision (PWSS) Program under the authority of the 1974 SDWA. Under the SDWA and the 1986 Amendments, EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. These limits are known as Maximum Contaminant Levels (MCLs). For some regulations, EPA establishes treatment techniques in lieu of an MCL to control unacceptable levels of contaminants in water. The Agency also regulates how often public water systems (PWSs) monitor their water for contaminants and report the monitoring results to the States or EPA. Generally, the larger the population served by a water system, the more frequent the monitoring and reporting (M/R) requirements. In addition, EPA requires PWSs to monitor for unregulated contaminants to provide data for future regulatory development. Finally, EPA requires PWSs to notify the public when they have violated these regulations. The 1996 Amendments to the SDWA require public notification to include a clear and understandable explanation of the nature of the violation, its potential adverse health effects, steps that the PWS is undertaking to correct the violation and the possibility of alternative water supplies during the violation.

The SDWA applies to the 50 States, the District of Columbia, Indian Lands, Puerto Rico, the Virgin Islands, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the Republic of Palau.

The SDWA allows States and Territories to seek EPA approval to administer their own PWSS Programs. The authority to run a PWSS Program is called primacy. To receive primacy, States must meet certain requirements laid out in the SDWA and the regulations, including the adoption of drinking water regulations that are at least as stringent as the Federal regulations and a demonstration that they can enforce the program requirements. Of the 57 States and Territories, all but Wyoming and the District of Columbia have primacy. The EPA Regional Offices administer the PWSS Programs within these two jurisdictions.

The 1986 SDWA Amendments gave Indian Tribes the right to apply for and receive primacy. To receive primacy, a Tribe must meet the same requirements as a State. To date, no Tribes have been granted primacy. Currently, EPA administers PWSS Programs on all Indian lands.

Annual State PWS Report

An automated database called the Safe Drinking Water Information System (SDWIS) has been developed by the EPA to store drinking water information. Primacy States submit data to the federal version of SDWIS (SDWIS/FED) on a quarterly basis. Data include PWS inventory statistics, the incidence of MCLs, Major Monitoring and Treatment Technique violations, and the enforcement actions taken against violators. The annual compliance report that States are required to submit to EPA will provide a total annual representation of the numbers of violations for each of the four categories listed in section 1414 (c)(3) of the SDWA reauthorization. These four categories are: MCLs, treatment techniques, variances and exemptions, and significant monitoring violations. The EPA Regional Offices report the information for Wyoming, the District of Columbia, and all Indian Lands. Regional offices also report Federal enforcement actions taken. EPA stores this data in SDWIS/FED. This report is based largely on data retrieved from SDWIS/FED.

Public Water System

A Public Water System (PWS) is defined as a system that provides water via piping or other constructed conveyances for human consumption to at least 15 service connections or serves an average of at least 25 people for at least 60 days each year. There are three types of PWSs. PWSs can be community (such as towns), nontransient noncommunity (such as schools or factories), or transient noncommunity systems (such as rest stops or parks). For this report, when the acronym “PWS” is used, it means systems of all types unless specified otherwise.

In North Dakota in 2025, 305 systems were classified as Community Water Systems (CWSs), 5 as Nontransient Noncommunity Water Systems (NTNCWSs), and 58 as Transient Noncommunity Water Systems (TNCWSs) for a total of 368 PWSs.

2025 SDWA Violations

The following tables depict SDWA violations incurred by North Dakota PWSs in calendar year 2025 and include violations that cross calendar year 2025 (i.e., violations determined in 2025 based on 2025 monitoring data). During 2025, a total of 107 major drinking water violations were issued. A total of 72 out of 368 systems incurred these violations in North Dakota for 2025. EPA requires the reporting of these major drinking water violations in the Annual Compliance Report.

In addition to the major violations discussed above, the State of North Dakota also issued 4 minor drinking water violations, and 22 non-classified (neither major nor minor) consumer notice certification violations during 2025. While EPA does not require the reporting of these minor and non-classified drinking water violations in the Annual Compliance Report, the State of North Dakota does include them throughout the report for public information. Overall, 82 out of 368 systems incurred major, minor, and non-classified drinking water violations during 2025.

Availability of Annual Compliance Report (ACR)

A legal notice stating the availability of North Dakota’s 2025 ACR was published in seven of the state’s major newspapers. A press release was also sent to all fifty-three county newspapers. The ND Drinking Water Program will provide a copy of this report to all

inquiries. North Dakota's State Report is available by contacting the North Dakota Department of Environmental Quality, Division of Municipal Facilities, 4201 Normandy Street-3rd Floor, Bismarck, ND 58503-1324, Attention: LeeAnn Tillotson (701) 328-5211 (phone), (701)328-5200 (fax), or ltillots@nd.gov (e-mail).

The report also may be viewed on the Department's website at <https://deq.nd.gov/MF/>. Click on DWP Publications under Drinking Water Program.

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Organic Contaminants							
1,1,1-Trichloroethane	0.2	0	0			0	0
1,1,2-Trichloroethane	0.005	0	0			0	0
1,1-Dichloroethylene	0.007	0	0			0	0
1,2,4-Trichlorobenzene	0.07	0	0			0	0
1,2-Dibromo-3- chloropropane (DBCP)	0.0002	0	0			0	0
1,2-Dichloroethane	0.005	0	0			0	0
1,2-Dichloropropane	0.005	0	0			0	0
2,3,7,8-TCDD (Dioxin)	3x10 ⁻⁸	0	0			0	0
2,4,5-TP	0.05	0	0			0	0
2,4-D	0.05	0	0			0	0
Acrylamide				0	0	0	0
Alachlor	0.002	0	0			0	0
Atrazine	0.003	0	0			0	0
Benzene	0.005	0	0			0	0
Benzo[a]pyrene	0.0002	0	0			0	0
Carbofuran	0.04	0	0			0	0
Carbon tetrachloride	0.005	0	0			0	0
Chlorobenzene	0.1	0	0			0	0
Chlordane	0.002	0	0			0	0
cis-1,2-Dichloroethylene	0.07	0	0			0	0
Dalapon	0.2	0	0			0	0
Di(2-ethylhexyl)adipate	0.4	0	0			0	0

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Di(2-ethylhexyl)phthalate	0.006	0	0			0	0
Dichloromethane	0.005	0	0			0	0
Dinoseb	0.007	0	0			0	0
Diquat	0.02	0	0			0	0
Endothall	0.1	0	0			0	0
Endrin	0.002	0	0			0	0
Epichlorohydrin				0	0		
Ethylbenzene	0.7	0	0			0	0
Ethylene dibromide	0.00005	0	0			0	0
Glyphosate	0.7	0	0			0	0
Heptachlor	0.0004	0	0			0	0
Heptachlor epoxide	0.0002	0	0			0	0
Hexachlorobenzene	0.001	0	0			0	0
Hexachlorocyclopentadiene	0.05	0	0			0	0
Lindane	0.0002	0	0			0	0
Methoxychlor	0.04	0	0			0	0
Monochlorobenzene	0.1	0	0			0	0
o-Dichlorobenzene	0.6	0	0			0	0
Oxamyl (Vydate)	0.2	0	0			0	0
para-Dichlorobenzene	0.075	0	0			0	0
Pentachlorophenol	0.001	0	0			0	0
Picloram	0.5	0	0			0	0
Simazine	0.004	0	0			0	0
Styrene	0.1	0	0			0	0

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Tetrachloroethylene	0.005	0	0			0	0
Toluene	1	0	0			0	0
Total polychlorinated biphenyls	0.0005	0	0			0	0
Toxaphene	0.003	0	0			0	0
trans-1,2-Dichloroethylene	0.1	0	0			0	0
Trichloroethylene	0.005	0	0			0	0
Vinyl chloride	0.002	0	0			0	0
Xylenes (total)	10	0	0			0	0
Inorganic Contaminants							
Antimony	0.006	0	0			0	0
Arsenic	0.01	3	1			0	0
Asbestos	7 million fibers/L < 10 µm long	0	0			0	0
Barium	2	0	0			0	0
Beryllium	0.004	0	0			0	0
Cadmium	0.005	0	0			0	0
Chromium	0.1	0	0			0	0
Cyanide (as free cyanide)	0.2	0	0			0	0
Fluoride	4.0	0	0			0	0
Mercury	0.002	0	0			0	0

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Nitrate	10 (as Nitrogen)	1	1			1	1
Nitrite	1 (as Nitrogen)	0	0			0	0
Selenium	0.05	0	0			0	0
Thallium	0.002	0	0			0	0
Total nitrate and nitrite	10 (as Nitrogen)	0	0			0	0
Subtotal		4	2			1	1

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of ‘NUMBER OF PWS’S IN VIOLATION’, over the various violation types or contaminants, may not add up to the total number of violations.

Radionuclide MCLs							
Gross alpha	15 pCi/L	0	0			2	2
Radium-226 and radium-228	5 pCi/L	0	0			2	2
Gross beta	4 mrem/yr	0	0			2	2
Uranium	30 ug/L	0	0			2	2
Subtotal		0	0			2*	2*

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of ‘NUMBER OF PWS’S IN VIOLATION’, over the various violation types or contaminants, may not add up to the total number of violations. * (Violations are reported as failing to monitor a radionuclide group.)

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Revised Total Coliform Rule *							
E. coli MCL violation	Presence	0	0				
Level 1 or Level 2 Assessment or Corrective Actions or Seasonal Start-up Procedures	Failure to Monitor or Report			0	0		
Routine and follow-up monitoring, Assessment and Start-up Reporting	Failure to Monitor or Report					48	38
Subtotal		0	0	0	0	48	38
*The Revised Total Coliform Rule replaced the Total Coliform Rule on April 1, 2016. The new RTCR rule as adopted in North Dakota requires all Public Water Systems to sample at least monthly.							
RTCR Routine Monitoring MINOR Violation NOTE: EPA does not require minor monitoring violations to be counted for the ACR						0	0
Ground Water Rule							
Monitoring, Source, major	Presence	0	0	0	0	3	3
Compliance Monitoring		0	0	0	0	0	0
Corrective Actions		0	0	0	0	0	0
Subtotal		0	0	0	0	3	3

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
<p>Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of ‘NUMBER OF PWS’s IN VIOLATION’, over the various violation types or contaminants, may not add up to the total number of violations.</p>							
Surface Water Treatment Rule (SDWA 1993)							
Filtered systems							
Monitoring routine/repeat						0	0
Treatment techniques				0	0		
Unfiltered systems							
Monitoring routine/repeat							
Failure to filter							
Subtotal				0	0	0	0
Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR)							
Filtered systems							
Monitoring routine/repeat						0	0
Treatment techniques				0	0		
Unfiltered systems							
Monitoring routine/repeat							
Failure to filter							
Subtotal				0	0	0	0

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR)							
Filtered systems							
Monitoring routine/repeat						0	0
Treatment techniques				0	0		
Unfiltered systems							
Monitoring routine/repeat							
Failure to filter							
Subtotal				0	0	0	0
LT1ESWTR Failure to Monitor Minor						0	0
NOTE. EPA does not require minor monitoring violations to be counted in the ACR							

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Surface Water Treatment Rule (SDWA 1993)							
Record keeping for Ind. Filter							
Failure to Produce Filter Assessment							
Failure to Produce CPE							
Failure to Profile/Consult							
Failure to Monitor/Routine, Major						0	0
Single Combined Filter Effluent				0	0		
Monthly Combined Filter Effluent				0	0		
Uncovered Storage Facility				0	0		
Subtotal				0	0	0	0

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Long Term 1 Enhanced Surface Water Treatment Rule							
Record keeping for Ind. Filter						0	0
Failure to Produce Filter Assessment Failure to Produce CPE						0	0
Failure to Profile/Consult						0	0
Failure to Monitor/Routine, Major						0	0
Single Combined Filter Effluent				0	0		
Monthly Combined Filter Effluent				0	0		
Uncovered Storage Facility				0	0		
Subtotal				0	0	0	0

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Long Term 2 Enhanced Surface Water Treatment Rule							
Failure to meet sampling schedule requirements						0	0
Failure to meet sampling location requirements						0	0
Failure to meet analytical laboratory requirements						0	0
Failure to meet reporting requirements						0	0
Subtotal						0	0
Filter Backwash Recycle Rule							
Failure to Properly Recycle Recordkeeping				0	0	0	0
Subtotal				0	0	0	0

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Stage 1 Disinfectants and Disinfection By-products Rule	Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled						
Haloacetic Acids	0.060	0	0			0	0
Total Trihalomethane	0.080	0	0			0	0
Total Organic Carbon				0	0	0	0
Alkalinity				0	0	0	0
Chlorine/Chloramine	MRDL = 4	0	0			0	0
Bromate/Bromide	0.01	0	0			0	0
Subtotal		0	0	0	0	0	0
Stage 2 Disinfectants and Disinfection By-products Rule	Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, *PWS counted no more than once within the population being totaled. (E.g. the same system failed to collect TTHM and HAA5 one time.)						
Haloacetic Acids	0.060	0	0			0	0
Total Trihalomethane	0.080	4	1			0	0
Total Organic Carbon				0	0	0	0
Alkalinity				0	0	0	0
Chlorine/Chloramine	MRDL = 4	1	1			25	23
Bromate/Bromide	0.01	0	0			0	0
Subtotal		5	2	0	0	25	23

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Lead and Copper Rule							
Initial lead and copper tap M/R						1	1
Follow up or routine lead and copper tap M/R						1	1
Optimum Corrosion Control Recommendation/Study				1	1	0	0
Treatment installation				0	0		
Public education				1	1		
Subtotal				2	2	2	2
Lead Rule							
Consumer Notice Violation**						22	21

**Lead Consumer Notice violations are not currently classified as Major or Minor violations.

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of 'NUMBER OF PWS'S IN VIOLATION', over the various violation types or contaminants, may not add up to the total.

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Lead and Copper Rule Revision							
Complete Initial Lead Service Line Inventory				0	0		
Submit Initial Lead Service Line Inventory						0	0
Lead Service Line Inventory Accessible to Public				0	0		
Public Notification Linked to Lead Action Level Exceedance				0	0		
Notification Known Lead or Potential Lead Service Line						15	15
Subtotal				0	0	15	15

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of ‘NUMBER OF PWS’S IN VIOLATION’, over the various violation types or contaminants, may not add up to the total.

State: North Dakota

Reporting Interval: January 1, 2025 – December 31, 2025

	MCL/ MRDL (mg/L) ¹	MCLs/MRDLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Consumer Confidence Rule (CCR)							
CCR Report Violation						0	0
Subtotal						0	0
CCR Certification Adequacy/Availability/ Content Violation (MINOR Violation) NOTE: EPA does not require reporting of minor violations of Adequacy/Availability/ Content to be included in the ACR.						4	4
Public Notification Rule							
Public Notice Violations						0	0
Subtotal						0	0

1. Values are in milligrams per liter (mg/L), unless otherwise specified.

Definitions for Summary of Violations Table

The following definitions apply to the Summary of Violations Table.

Consumer Confidence Report (CCR) Rule: The CCR Rule requires all community water systems to issue annual drinking water quality reports to their customers. States are to report two categories of violations:

CCR Report Violation: A violation that exists when a PWS fails to produce and deliver the report to the public and provide a copy to the State by the annual due date or the State determines the report was grossly inadequate and must be regenerated and delivered providing a copy to the State.

CCR Adequacy/Availability/Content Violation: A violation where the State determines the report is deficient in language, content, and/or meeting availability requirements or if a community public water system fails to submit a completed certification form.

Stage 1 Disinfectants/Disinfection By-products (D/DBP) Rule: The D/DBP Rule requires community and non-transient non-community water systems that produce, purchase and/or deliver water that has been treated with a disinfectant to test for the regulated by-products potentially produced from the use of the disinfectants ozone, chlorine dioxide and chlorine.

Stage 2 Disinfectants/Disinfection By-products (D/DBP) Rule: The Stage 2 D/DBP Rule builds upon and will eventually replace the Stage 1 DBPR to provide increased health protection through required testing. Stage 2 applies to all community and non-transient non-community public water systems that produce, purchase and/or deliver water that has been treated with a primary or residual disinfectant other than ultraviolet (UV) light.

Filter Backwash Recycle Rule (FBRR): The Filter Backwash Recycle Rule requires monitoring/reporting and treatment techniques for those public water systems that use surface water or ground water under the influence of surface water, practice conventional or direct filtration, and recycle spent filter backwash, thickener supernatant, or liquids from de-watering processes.

Filtered Systems: Water systems that have installed filtration treatment [40 CFR 141, Subpart H].

Ground Water Rule (GWR): The Groundwater Rule (GWR) is in place to provide increased protection against microbial pathogens, specifically bacterial and viral pathogens, in public water systems that use ground water. Instead of requiring disinfection for all ground water systems (GWS), the GWR establishes a risk-targeted approach to identifying GWSs that are susceptible to fecal contamination. The GWR requires systems at risk of microbial contamination to take corrective action to protect consumers from harmful bacteria and viruses. The basic requirements of the GWR for the GWSs are source water monitoring, compliance monitoring and corrective actions.

Inorganic Contaminants: Non-carbon-based compounds such as metals, nitrates, and asbestos. These contaminants are naturally-occurring in some water, but can get into water through farming, chemical manufacturing, and other human activities. EPA has established MCLs for 15 inorganic contaminants [40 CFR 141.62].

Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR): The Long Term 1 Enhanced Surface Water Treatment Rule requires monitoring and treatment to improve control of microbial pathogens, specifically the protozoan cryptosporidium, in drinking water and to address risk trade-offs with disinfection by-products.

Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR): The Long Term 2 Enhanced Surface Water Treatment Rule requires monitoring data be collected so systems can categorize the source water cryptosporidium concentration into one of four bin classifications as associated with the rule.

Lead and Copper Rule: This rule established national limits on lead and copper in drinking water [40 CFR 141.80-91]. Lead and copper corrosion pose various health risks when ingested at any level, and can enter drinking water from household pipes and plumbing fixtures. States report violations of the Lead and Copper Rule in the following six categories:

Initial lead and copper tap M/R: A violation where a system did not meet initial lead and copper testing requirements, or failed to report the results of those tests to the State.

Follow-up or routine lead and copper tap M/R: A violation where a system did not meet follow-up or routine lead and copper tap testing requirements, or failed to report the results.

Optimal Corrosion Control Treatment (OCCT) Recommendation/Study M/R: A violation results when a system fails to submit the OCCT recommendation/ study certification form on time.

Treatment installation: Violations for a failure to install optimal corrosion control treatment or source water treatment which would reduce lead and copper levels in water at the tap. [One number is to be reported for the sum of violations in both categories].

Lead service line replacement: A violation for a system's failure to replace lead service lines on the schedule required by the regulation.

Public education: A violation issued when a system did not provide required public education about reducing or avoiding lead intake from water.

Lead Consumer Notice: A violation for a system's failure to certify that lead sampling results and lead health information were provided to the consumer whose home was used for lead and copper sampling. The requirement applies to each sample result regardless of whether or not lead was found in the home's drinking water.

Lead and Copper Rule Revision: The Lead and Copper Rule Revision (LCRR) was issued on January 15, 2021. The rule revision was written to increase public health protection from lead in drinking water by: developing an inventory of lead service lines with the intent to remove the lead lines from public water system distribution systems; and providing information to the public on how to reduce exposure to lead in drinking water. (Both the Lead and Copper Rule and portions of the Lead and Copper Rule Revision were in effect during 2025.) States report violations of the LCRR when the following items are not accomplished by systems within the established timeframe.

Complete an Initial Lead Service Line Inventory by October 16, 2024, update as needed, and make the LSLI accessible to the public: Systems were required to identify each service line's material type as lead, non-lead, galvanized requiring replacement or unknown and are also required to make the inventory available to the public.

Submit an Initial Lead Service Line Inventory to the State by October 16, 2024: Systems were required to submit the Initial Lead Service Line Inventory to the State by the due date.

Provide individual notification to each home/building owner, regarding the type of service line determined for their location based on the Service Line Inventory findings. The system must also provide certification to the State by July 1, 2025 and annually thereafter, that the required notices have been provided to home/building owners.

Provide notification to the public within 24 hours when the 90th percentile for lead exceeds the Lead Action Level: Beginning October 1, 2025, systems are required to notify the public within 24 hours when sampling results indicate that the 90th Percentile for lead exceeds the Lead Action Level. The system must also certify to the State that the public notice has been completed, as required.

Maximum Contaminant Level (MCL): The highest amount of a contaminant that EPA allows in drinking water. MCLs ensure that drinking water does not pose either a short-term or long-term health risk. MCLs are defined in milligrams per liter (parts per million) unless otherwise specified.

Maximum Residual Disinfectant Level (MRDL): The EPA sets national limits on residual disinfectant levels in drinking water to reduce the risk of exposure to disinfectant byproducts formed, when public water systems add chemical disinfectant for either primary or residual treatment. These limits are known as Maximum Residual Disinfectant Levels.

Monitoring: EPA specifies which water testing methods the water systems must use and sets schedules for the frequency of testing. A water system that does not follow EPA's schedule or methodology is in violation [40 CFR 141].

States must report monitoring violations that are significant as determined by the EPA Administrator and in consultation with the States. For purposes of this report, significant monitoring violations are major violations and they occur when no samples are taken or no

results are reported during a compliance period. A major monitoring violation for the surface water treatment rule occurs when at least 90% of the required samples are not taken or results are not reported during the compliance period.

Organic Contaminants: Carbon-based compounds, such as industrial solvents and pesticides. These contaminants generally get into water through runoff from cropland or discharge from factories. EPA has set legal limits on 53 organic contaminants that are to be reported [40 CFR 141.61].

Public Notification Rule: This rule requires a public water system to notify the public anytime the system violates national primary drinking water regulations or has other situations posing a risk to public health.

Radionuclides: Radioactive particles which can occur naturally in water or result from human activity. EPA has set legal limits on four types of radionuclides: radium-226, radium-228, gross alpha, and beta particle/photon radioactivity [40 CFR 141]. Violations for these contaminants are to be reported using the following three categories:

Gross alpha: A violation for alpha radiation above the MCL of 15 picocuries/liter (pCi/L). Gross alpha includes radium-226 but excludes radon and uranium.

Combined radium-226 and radium-228: A violation for combined radiation from these two isotopes above the MCL of 5 pCi/L.

Gross beta: A violation for beta particle and photon radioactivity from man-made radionuclides above 4 millirem/year.

Uranium: A violation for uranium above the MCL of 30 ug/l.

Reporting Interval: The reporting interval for violations to be included in the Annual Compliance Report, which is to be submitted to EPA by July 1, 2026, is from January 1, 2025 through December 31, 2025.

Revised Total Coliform Rule: This rule replaced the Total Coliform Rule on April 1, 2016. The RTCR, as was the case with its predecessor the Total Coliform Rule, is the only microbial drinking water regulation that applies to all PWSs. The rule established regulations for microbiological contaminants in drinking water. EPA anticipates greater public health protection under the RTCR, as it requires PWSs that are vulnerable to microbial contamination to identify and fix problems. These problems are identified through Level 1 and Level 2 assessments of the system.

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.

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.

States are to report the following categories of violations:

E. coli Maximum Contaminant Level exceedance: A violation where the system found E. coli, a potentially harmful bacteria in its water, thereby violating the rule; or, when the system fails to take repeat samples, as required.

Treatment Technique Violations: A violation that occurs when a system fails to conduct a required Level 1 or Level 2 assessment, or to correct any sanitary defect found through the Level 1 or Level 2 assessment within 30 days of learning of the trigger for this action, or in accordance with a schedule approved by the state. This violation may also be incurred if a seasonal system fails to complete state-approved start-up procedures prior to serving water to the public.

Monitoring Violations: A violation where the system did not perform any required routine or additional routine monitoring samples, or failure to analyze for E. coli following a total coliform positive routine sample.

Reporting Violations: A violation when a system fails to submit a monitoring report or completed assessment form after the system properly conducts monitoring or an assessment in a timely manner; fails to notify the state of an EC+ sample; or fails to submit certification of completion of state approved start-up procedures by a seasonal system.

SDWIS Code: Specific numeric codes from the Safe Drinking Water Information System (SDWIS) have been assigned to each violation type included in this report. The violations to be reported include exceeding contaminant MCLs, failure to comply with treatment requirements, and failure to meet monitoring and reporting requirements.

Surface Water Treatment Rule (SDWA 1993): The Surface Water Treatment Rule establishes criteria under which water systems supplied by surface water sources, or ground water sources under the direct influence of surface water, must filter and disinfect their water [40 CFR 141, Subpart H]. Violations of the Surface Water Treatment Rule are to be reported for the following four categories:

Monitoring, routine/repeat (for filtered systems): A violation for a system's failure to carry out required tests, or to report the results of those tests.

Treatment techniques (for filtered systems): A violation for a system's failure to properly treat its water.

Monitoring, routine/repeat (for unfiltered systems): A violation for a system's failure to carry out required water tests, or to report the results of those tests.

Failure to filter (for unfiltered systems): A violation for system's failure to properly treat its water. Data for this violation code will be supplied to the States by EPA.

Treatment Techniques: Treatment or other measures that EPA requires instead of an MCL for contaminants that laboratories cannot adequately measure. Failure to meet operational and system requirements under the Surface Water Treatment Rule, the Lead and Copper Rule, and the Phase II Rule (Acrylamide and Epichlorohydrin) have been included in this category of violation for the purposes of this report.

Unfiltered Systems: Water systems (using surface water or groundwater under the direct influence of surface water) that are not required to filter their water prior to disinfection due to source and site-specific conditions [40 CFR, Subpart H].

Violation: A failure to meet any state or federal drinking water regulation.

CONCLUSION

The vast majority of PWSs in North Dakota maintain an excellent SDWA compliance record. During 2025, 162 certificates of compliance were issued to public water systems that maintained full compliance.

The following tables illustrate the high compliance rate (for calendar year 2025) maintained by North Dakota PWSs. It is the responsibility of each PWS under the SDWA to properly comply with all drinking water monitoring, reporting, MCL and treatment technique requirements.

Under the RTCR as adopted in North Dakota, all Public Water Systems are required to submit a prescribed number of microbiological samples (based on population served) at least monthly to a certified laboratory for analysis on an ongoing basis. Under the SWTR, PWSs that utilize surface water (currently 15 systems in North Dakota) are required to maintain finished water turbidity at or below certain target levels. Such systems are also required to maintain residual disinfectant concentrations at or above certain target levels (applies both to water entering and within the distribution system).

As it is nationwide, North Dakota's predominant compliance problem is ensuring that all required microbiological samples are collected. The department continues to work with the PWSs in the state to improve compliance.

	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations
Organic Contaminants¹						
Community Water Systems (CWS)	106	100%	106	100%	106	100%
Nontransient Noncommunity Water Systems (NTNC)	4	100%	4	100%	4	100%
Transient Noncommunity Water Systems (TNCWS)	0				0	100%
Inorganic Contaminants¹						
CWS	106	99.06 %			106	100%
NTNCWS	4	100 %			4	100%
TNCWS	53	98.11%			53	98.11%
Radionuclides¹						
CWS	106	100%			106	98.11 %
NTNCWS	0				0	
TNCWS	0				0	
¹ Only those systems covered by each rule and using their own source water are required to monitor for and comply with Organic, Inorganic Contaminant and Radionuclide Rules under the SDWA. All consecutive systems purchasing water from these source systems receive water that has been monitored for these contaminants.						
Revised Total Coliform Rule						
CWS	305	100%	305	100%	305	93.11 %
NTNCWS	5	100%	5	100%	5	100 %
TNCWS	58	100%	58	100%	58	74.14 %

	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations
Surface Water Treatment Rule² SDWA 1993						
CWS			14	100%	0	100%
NTNCWS			1		0	
TNCWS			0		0	
2. Only those systems that use surface water are required to monitor under and comply with the SWTR.						
Long Term 1 Enhanced Surface Water Treatment Rule						
CWS			14	100%	14	100%
NTNCWS			1	100%	1	100%
TNCWS			0		0	
Long Term 2 Enhanced Surface Water Treatment Rule						
CWS			14	100%	14	100%
NTNCWS			1	100%	1	100%
TNCWS			0		0	

	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations
Stage 1 Disinfectants/Disinfection By-products Rule						
CWS	0	100%	0	100%	0	100%
NTNCWS	0	100%	0	100%	0	100%
TNCWS						
	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations
Stage 2 Disinfectants/Disinfection By-products Rule						
CWS	295	99.32%	8	100%	295	92.2%
NTNCWS	3	100%	0	100%	3	100%
TNCWS						
Lead and Copper Rule						
CWS			305	99.34%	305	99.34 %
NTNCWS			5	100%	5	100%
TNCWS			0		0	

	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations	Total Number of Systems Required to Monitor	Percentage of Systems with <u>No</u> Violations
Lead and Copper Rule Revision						
CWS			305	95.41%	305	100%
NTCWS			5	80.0%	5	100%
TNCWS			0		0	
Ground Water Rule						
CWS	205	100%	205	100%	205	99.02%
NTNCWS	3	100%	3	100%	3	66.67%
TNCWS	53	100%	53	100%	53	100%
Consumer Confidence Rule						
CWS					305	100%
NTNCWS						
TNCWS						
Public Notification Rule						
CWS					305	100%
NTNCWS					5	100%
TNCWS					58	100%

LIST OF SYSTEMS WITH VIOLATIONS IN 2025

Multiple violations within a specified category are represented by a number following the system name (e.g. 'System Name - 2' means that the System incurred two violations during the reporting period). Counties are in parentheses.

Organic Contaminants

Maximum Contaminant Level Exceedance, Average

No violations were issued in 2025.

Failure to Monitor

No violations were issued in 2025.

Radionuclide Contaminants

Community and Noncommunity Water Systems

Maximum Contaminant Level Exceedance –

No violations were issued in 2025.

Failure to Monitor/Report Violation

Sheyenne, City of

Towner, City of

Inorganic Contaminant Violations

Community and Noncommunity Water Systems

Arsenic

Maximum Contaminant Level Exceedance, Average

Sundale Hutterian Association (Sargent) - 3

Failure to Monitor

No violations were issued in 2025.

Fluoride

No violations were issued in 2025.

Nitrate/Nitrite

Maximum Contaminant Level Exceedance, Average

Towner State Nursery (McHenry)

Failure to Monitor

Metigoshe Drive Inn (Bottineau)

Lead and Copper Rule Violations

Community and Nontransient Noncommunity Water Systems

Failure to Perform Initial Tap Sampling

Makoti, City of

Failure to Follow-up or Routine Tap Monitor/Report

Dodge, City of

Failure to Perform Lead Public Education

Cathay, City of

Failure to Submit Optimal Corrosion Control Water Treatment Recommendation/Study Certification Form

Flaxton, City of

Failure to Provide Lead Consumer Notice-Monitoring Results Delivery Certification

Abercrombie, City of

Bisbee, City of

Cathay, City of – 2

Coleharbor, City of
Emerado, City of
Flaxton, City of
Forbes, City of
Forest River Colony (Grand Forks)
Forman, City of
Granville, City of
Horace, City of
Hunter, City of
Manning Water Board (Dunn)
Maple River Hutterian Association (Dickey)
Prairie View HOA (Williams)
Rhame, City of
Riverdale Subdivision (Cass)
Southeast WUD (Central-Lisbon)
The Bluffs HOA (Williams)
Watford Residence Suites (McKenzie)
Westhope, City of

**Lead and Copper Rule Revision Violations
Community and Noncommunity Water
Systems**

**Failure to Complete Initial Lead Service Line
Inventory**

No violations issued in 2025.

Failure to Submit Initial Lead Service Line Inventory

No violations issued in 2025.

Failure to Make LSLI Accessible to the Public

No violations issued in 2025.

**Failure to Certify Consumer Notification of Known or
Potential Lead Service Line Material**

13 Mile Center (Williams)
Abercrombie, City of
Christine, City of
Coleharbor, City of
Elgin, City of
Fortuna, City of
Hunter, City of
Manning Water Board (Dunn)
Mercer, City of
Regent, City of
Riverdale Subdivision (Cass)
Sheldon, City of
State Line Water Co-op, Inc. (Emmons)
Sykeston, City of
Underwood, City of

**Microbiological Violations (RTCR)
Community Water Systems**

E. coli MCL Violations

No violations issued in 2025.

Level 1 or 2 Assessment

Failure to Perform Corrective/Expedited Actions

No violations issued in 2025.

**Microbiological Violations
Community Water Systems**

Failure to Monitor Violations

Almont, City of
Beach, City of
Dunn Center, City of

East Central Regional WD-Trail
Emerado, City of – 2
Fairview Colony (LaMoure)
Forbes, City of
Forman, City of
Gladstone, City of
Hope, City of
Maple River Hutterian Association (Dickey)
Mercer, City of – 3
Minnewaukan, City of
New Hradec Waterworks
Oakes, City of
Oberon, City of
Sheyenne, City of
Tolna, City of
Verona, City of
Willowbank Colony (LaMoure)
Zap, City of

Microbiological Violations
Noncommunity Water Systems
E. coli MCL Violations

No violations were issued in 2025

Level 1 & 2 Assessment
Failure to Perform Corrective/Expedited Actions

No violations issued in 2025

Failure to Perform Start-up Procedures

No violations were issued in 2025

Failure to Certify Start-up Procedures
Metigoshe Campground (Bottineau)
Metigoshe Drive Inn (Bottineau)

Microbiological Violations
NonCommunity Water Systems
Failure to Monitor Violation

B & B RV (Williams)
Birchwood Inc (Bottineau) -3
Border Lounge (Rolette) - 4
Burning Hills Amphitheater (Billings)
Glen Ullin Dollar General (Morton)
International Peace Garden (Rolette) – 2
Legacy Co-op (Rolette)
Little Egypt Campground (Williams)
Medicine Hole Golf Course (Dunn)
Memorial Park Country Club (LaMoure)
Metigoshe Ministries-Center Site (Bottineau)
Missouri-Yellowstone Interpretive Center (Williams)
Oakes Golf Club (Dickey)
Short Stop Convenience Store (McKenzie) -2
White Horse Hill Nat'l Game Preserve (Benson)

Groundwater Rule
Community and Noncommunity
Failure to Monitor Triggered Source Major

Fordville Public School (Walsh)
Oberon, City of
Watford Residence Suites (McKenzie)

Long Term Interim Enhanced Surface Water Treatment Rule Violations

Failure to Maintain Microbial Treatment LT2

No violations were issued in 2025.

Surface Water Treatment Rule Violations

Failure to Maintain Residual Disinfectant

Concentration

No violations were issued in 2025.

Failure to Monitor Source, Cryptosporidium

No violations were issued in 2025.

Stage 1 & 2 Disinfection By-Products Rule Violations

Community and Noncommunity

Total Haloacetic Acids (HAA5)

Maximum Contaminant Level Violation (MCL),

Average or Locational Running Annual Average

Exceedance

No violations were issued in 2025.

Total Trihalomethanes (TTHM)

Maximum Contaminant Level Violation (MCL)-

Average or Locational Running Annual Average

Exceedance

City of Maxbass - 4

Bromate

Maximum Contaminant Level Exceedance

No violations were issued in 2025.

Chloramine

MRDL Exceedance

Max, City of

Failure to Monitor/Report Major Violations

Almont, City of

Beach, City of

Dunn Center, City of

Forbes, City of

Gladstone City of

Hebron, City of

Imperial Valley Water Co. (Burleigh)

New Hradec Waterworks

New Leipzig, City of – 2

Regent, City of

Riverview Heights (Morton)

Sentinel Butte, City of

Zap, City of

Chlorine

MRDL Exceedance

No violations issued in 2025.

Failure to Monitor/Report Major Violations

Cleveland, City of

Dunseith City of

East Central Regional WD – Traill

Emerado, City of

Hope, City of

Jud, City of

McClusky, City of

Mercer, City of – 2

Oberon, City of

Sheyenne, City of

Stage 2 Disinfection By-Products Rule Violations
Total Haloacetic Acids & Total Trihalomethane
Failure to Monitor/Report Major-Annual

No violations issued in 2025.

Stage 2 Disinfection By-Products Rule Violations
Total Haloacetic Acids & Total Trihalomethane
Failure to Monitor/Report Major-Quarterly

No violations issued in 2025.

Public Notification Rule Violations
Community Water Systems

No violations issued in 2025.

Noncommunity Water Systems

No violations issued in 2025.

Consumer Confidence Rule (CCR) Report
Violations

Failure to Submit Report Major

No violations were issued in 2025.

CCR Adequacy/Availability/Content Certification
Form – MINOR Violation

Fortuna, City of
Manning Water Board (Dunn)
Prairie View HOA (Williams)
Sykeston, City of