

2025 Annual Drinking Water Quality Report

Town of Saratoga

Water System Number: NC04-98-040

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

Introduction

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about your source(s) of water, what it contains, and how it compares to standards set by regulatory agencies. 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 and to providing you with this information because informed customers are our best allies. **If you have any questions about this report or concerning your water, please contact Saratoga Town Hall at 252-238-3486. We want our valued customers to be informed about their water utility.**

What EPA Wants You to Know

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. 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).

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 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. 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 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.

Lead in Drinking Water

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. Saratoga is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a

filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, please contact Town Hall at 252-238-3486. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

We have been working to identify service line materials throughout the water system and prepared an inventory of all service lines in our water system. The complete lead service line inventory is available at Saratoga Town Hall.

When You Turn on Your Tap, Consider the Source

The water that is used by Saratoga is ground water or “well water” from 2 wells located on Varnell Drive and Rodgers Street. Saratoga maintains an emergency water connection with Wilson County. A copy of Wilson County’s CCR is attached.

Source Water Assessment Program (SWAP) Results

The North Carolina Department of Environmental Quality (DEQ), Public Water Supply (PWS) Section, Source Water Assessment Program (SWAP) conducted assessments for all drinking water sources across North Carolina. The purpose of the assessments was to determine the susceptibility of each drinking water source (well or surface water intake) to Potential Contaminant Sources (PCSs). The results of the assessment are available in SWAP Assessment Reports that include maps, background information and a relative susceptibility rating of Higher, Moderate or Lower.

The relative susceptibility rating of each source for the Town of Saratoga was determined by combining the contaminant rating (number and location of PCSs within the assessment area) and the inherent vulnerability rating (i.e., characteristics or existing conditions of the well or watershed and its delineated assessment area). The assessment findings are summarized in the table below:

Source Name	Susceptibility Rating	SWAP Report Date
Well #2	Moderate	September 2020
Well #3	Moderate	September 2020

The complete SWAP Assessment report for the Town of Saratoga may be viewed on the Web at: <https://www.ncwater.org/?page=600>. Note that because SWAP results and reports are periodically updated by the PWS Section, the results available on this web site may differ from the results that were available at the time this CCR was prepared. If you are unable to access your SWAP report on the web, you may mail a written request for a printed copy to: Source Water Assessment Program – Report Request, 1634 Mail Service Center, Raleigh, NC 27699-1634, or email requests to swap@ncdenr.gov. Please indicate your system name, number, and provide your name, mailing address and phone number. If you have any questions about the SWAP report please contact the Source Water Assessment staff by phone at 919-707-9098.

It is important to understand that a susceptibility rating of “higher” does not imply poor water quality, only the system’s potential to become contaminated by PCSs in the assessment area.

Help Protect Your Source Water

Protection of drinking water is everyone’s responsibility. We have implemented the following source water protection actions: the Town of Saratoga maintains a 100 foot radius around the well and treatment facility free of contamination, debris and encumbrances. You can help protect your community’s drinking water source(s) in several ways: (examples: dispose of chemicals properly; take used motor oil to a recycling center, volunteer in your community to participate in group efforts to protect your source, etc.).

Violations that Your Water System Received for the Report Year

During 2025, or during any compliance period that ended in 2025, Saratoga received no violations!

Important Drinking Water Definitions:

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

Herbicide – Any chemical(s) used to control undesirable vegetation.

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 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.

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 (ug/L) - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Pesticide – Generally, any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest.

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.

Locational Running Annual Average (LRAA) – The average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters under the Stage 2 Disinfectants and Disinfection Byproducts Rule.

Maximum Residual Disinfection 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 Disinfection 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.

Million Fibers per Liter (MFL) - Million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

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.

Not-Applicable (N/A) – Information not applicable/not required for that particular water system or for that particular rule.

Non-Detects (ND) - Laboratory analysis indicates that the contaminant is not present at the level of detection set for the particular methodology used.

Parts per trillion (ppt) or Nanograms per liter (nanograms/L) - One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (picograms/L) - One part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

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

Running Annual Average (RAA) – The average of sample analytical results for samples taken during the previous four calendar quarters.

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

Variations and Exceptions – State or EPA permission not to meet an MCL or Treatment Technique under certain conditions.

Water Quality Data Tables of Detected Contaminants

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The tables below list all the drinking water contaminants that we detected in the last round of sampling for each particular contaminant group. The presence of contaminants does not necessarily indicate that water poses a health risk. **Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, 2025.** The EPA and the State allow us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

Lead and Copper Contaminants

The table summarizes our most recent lead and copper tap sampling data. If you would like to review the complete lead tap sampling data, please email us at boyettrd@outlook.com .							
Contaminant (units)	Sample Date	Your Water (90 th Percentile)	Number of sites found above the AL	Range Low High	MCLG	AL	Likely Source of Contamination
Copper (ppm) (90 th percentile)	8/2023	.1495	0	0-.178	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb) (90 th percentile)	8/2023	0	0	NA	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
<i>Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.</i>							

Stage 2 Disinfection Byproducts (DBPs) Total Trihalomethanes (TTHM) and Haloacetic Acids (five) (HAA5)

Disinfection Byproduct	Year Sampled	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
TTHM (ppb)	2023	N	11.2	NA	N/A	80	Byproduct of drinking water disinfection
HAA5 (ppb)	2023	N	1.0	NA	N/A	60	Byproduct of drinking water disinfection

Disinfectant Residuals Summary

	MRDL Violation Y/N	Your Water (RAA)	Range Low High	MRDLG	MRDL	Likely Source of Contamination
Chlorine (ppm)	N	.99	.47-1.40	4	4.0	Water additive used to control microbes

Asbestos Contaminant

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
Total Asbestos (MFL)	2013	N	0	NA	7	7	Decay of asbestos cement water mains; erosion of natural deposits

Nitrate/Nitrite Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range		MCLG	MCL	Likely Source of Contamination
				Low	High			
Nitrate (as Nitrogen) (ppm)	2025	N	0	NA		10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm)	2013	N	0	NA		1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

Radiological Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water (RAA)	Range		MCLG	MCL	Likely Source of Contamination
				Low	High			
Alpha emitters (pCi/L) (Gross Alpha Excluding Radon and Uranium)	2025	N	4	3.1-4.9		0	15	Erosion of natural deposits
Beta/photon emitters (pCi/L)	2007	N	6	NA		0	50 *	Decay of natural and man-made deposits
Combined radium (pCi/L)	2025	N	1.55	0-3.1		0	5	Erosion of natural deposits
Uranium (pCi/L)	2025	N	0	NA		0	20.1	Erosion of natural deposits

* Note: The MCL for beta/photon emitters is 4 mrem/year. EPA considers 50 pCi/L to be the level of concern for beta particles.

Inorganic Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range		MCLG	MCL	Likely Source of Contamination
				Low	High			
Antimony (ppb)	2025	N	0	NA		6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic (ppb)	2025	N	0	NA		0	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Barium (ppm)	2025	N	0	NA		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium (ppb)	2025	N	0	NA		4	4	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	2025	N	0	NA		5	5	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	2025	N	0	NA		100	100	Discharge from steel and pulp mills; erosion of natural deposits
Cyanide (ppb)	2025	N	0	NA		200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Fluoride (ppm)	2025	N	.215	.21-.22		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Mercury (inorganic) (ppb)	2025	N	0	NA		2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
Selenium (ppb)	2025	N	0	NA		50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Thallium (ppb)	2025	N	0	NA		0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories

Synthetic Organic Chemical (SOC) Contaminants Including Pesticides and Herbicides

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range		MCLG	MCL	Likely Source of Contamination
				Low	High			
2,4-D (ppb)	2025	N	0	NA		70	70	Runoff from herbicide used on row crops
2,4,5-TP (Silvex) (ppb)	2025	N	0	NA		50	50	Residue of banned herbicide
Alachlor (ppb)	2025	N	0	NA		0	2	Runoff from herbicide used on row crops
Atrazine (ppb)	2025	N	0	NA		3	3	Runoff from herbicide used on row crops
Benzo(a)pyrene (PAH) (ppt)	2025	N	0	NA		0	200	Leaching from linings of water storage tanks and distribution lines
Carbofuran (ppb)	2025	N	0	NA		40	40	Leaching of soil fumigant used on rice and alfalfa
Chlordane (ppb)	2025	N	0	NA		0	2	Residue of banned termiticide
Dalapon (ppb)	2025	N	0	NA		200	200	Runoff from herbicide used on rights of way
Di(2-ethylhexyl) adipate (ppb)	2025	N	0	NA		400	400	Discharge from chemical factories
Di(2-ethylhexyl) phthalate (ppb)	2025	N	0	NA		0	6	Discharge from rubber and chemical factories
DBCP [Dibromochloropropane] (ppt)	2025	N	0	NA		0	200	Runoff/leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards
Dinoseb (ppb)	2025	N	0	NA		7	7	Runoff from herbicide used on soybeans and vegetables
Endrin (ppb)	2025	N	0	NA		2	2	Residue of banned insecticide
EDB [Ethylene dibromide] (ppt)	2025	N	0	NA		0	50	Discharge from petroleum refineries
Heptachlor (ppt)	2025	N	0	NA		0	400	Residue of banned pesticide
Heptachlor epoxide (ppt)	2025	N	0	NA		0	200	Breakdown of heptachlor
Hexachlorobenzene (ppb)	2025	N	0	NA		0	1	Discharge from metal refineries and agricultural chemical factories
Hexachlorocyclopentadiene (ppb)	2025	N	0	NA		50	50	Discharge from chemical factories
Lindane (ppt)	2025	N	0	NA		200	200	Runoff/leaching from insecticide used on cattle, lumber, gardens
Methoxychlor (ppb)	2025	N	0	NA		40	40	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock
Oxamyl [Vydate] (ppb)	2025	N	0	NA		200	200	Runoff/leaching from insecticide used on apples, potatoes and tomatoes
PCBs [Polychlorinated biphenyls] (ppt)	2025	N	0	NA		0	500	Runoff from landfills; discharge of waste chemicals
Pentachlorophenol (ppb)	2025	N	0	NA		0	1	Discharge from wood preserving factories
Picloram (ppb)	2025	N	0	NA		500	500	Herbicide runoff
Simazine (ppb)	2025	N	0	NA		4	4	Herbicide runoff
Toxaphene (ppb)	2025	N	0	NA		0	3	Runoff/leaching from insecticide used on cotton and cattle

Volatile Organic Chemical (VOC) Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range		MCLG	MCL	Likely Source of Contamination
				Low	High			
Benzene (ppb)	2025	N	0	NA		0	5	Discharge from factories; leaching from gas storage tanks and landfills
Carbon tetrachloride (ppb)	2025	N	0	NA		0	5	Discharge from chemical plants and other industrial activities
Chlorobenzene (ppb)	2025	N	0	NA		100	100	Discharge from chemical and agricultural chemical factories
o-Dichlorobenzene (ppb)	2025	N	0	NA		600	600	Discharge from industrial chemical factories
p-Dichlorobenzene (ppb)	2025	N	0	NA		75	75	Discharge from industrial chemical factories
1,2 – Dichloroethane (ppb)	2025	N	0	NA		0	5	Discharge from industrial chemical factories
1,1 – Dichloroethylene (ppb)	2025	N	0	NA		7	7	Discharge from industrial chemical factories
cis-1,2-Dichloroethylene (ppb)	2025	N	0	NA		70	70	Discharge from industrial chemical factories
trans-1,2-Dichloroethylene (ppb)	2025	N	0	NA		100	100	Discharge from industrial chemical factories
Dichloromethane (ppb)	2025	N	0	NA		0	5	Discharge from pharmaceutical and chemical factories
1,2-Dichloropropane (ppb)	2025	N	0	NA		0	5	Discharge from industrial chemical factories
Ethylbenzene (ppb)	2025	N	0	NA		700	700	Discharge from petroleum refineries
Styrene (ppb)	2025	N	0	NA		100	100	Discharge from rubber and plastic factories; leaching from landfills
Tetrachloroethylene (ppb)	2025	N	0	NA		0	5	Discharge from factories and dry cleaners
1,2,4 –Trichlorobenzene (ppb)	2025	N	0	NA		70	70	Discharge from textile-finishing factories
1,1,1 – Trichloroethane (ppb)	2025	N	0	NA		200	200	Discharge from metal degreasing sites and other factories
1,1,2 –Trichloroethane (ppb)	2025	N	0	NA		3	5	Discharge from industrial chemical factories
Trichloroethylene (ppb)	2025	N	0	NA		0	5	Discharge from metal degreasing sites and other factories
Toluene (ppm)	2025	N	0	NA		1	1	Discharge from petroleum factories
Vinyl Chloride (ppb)	2025	N	0	NA		0	2	Leaching from PVC piping; discharge from plastics factories
Xylenes (Total) (ppm)	2025	N	0	NA		10	10	Discharge from petroleum factories; discharge from chemical factories

Microbiological Contaminants in the Distribution System

Contaminant (units)	MCL Violation Y/N	Number of Positive/Present Samples	MCLG	MCL	Likely Source of Contamination
<i>E. coli</i> (presence or absence)	N	0	0	<p>Routine and repeat samples are total coliform-positive and either is <i>E. coli</i>-positive or system fails to take repeat samples following <i>E. coli</i>-positive routine sample or system fails to analyze total coliform-positive repeat sample for <i>E. coli</i></p> <p><u>Note:</u> If either an original routine sample and/or its repeat samples(s) are <i>E. coli</i> positive, a Tier 1 violation exists.</p>	Human and animal fecal waste

Microbiological Contaminants in the Source Water

Fecal Indicator	Number of "Positive/Present" Samples	Date(s) of fecal indicator-positive source water samples	Source of fecal contamination, if known	Significant Deficiency Cited by the State? Y/N (If "Y", see explanation below)	MCLG	MCL	Likely Source of Contamination
<i>E. coli</i> , (presence or absence)	0	NA	NA	NA	0	0	Human and animal fecal waste
<i>Enterococci</i> or coliphage (presence or absence)	0	NA	NA	NA	N/A	TT	Human and animal fecal waste

Other Miscellaneous Water Characteristics Contaminants

Contaminant (units)	Sample Date	Your Water	Range		SMCL
			Low	High	
Iron (ppm)	2025	1.18	1.15-1.2		0.3
Manganese (ppm)	2025	.0825	.082-.083		0.05
Nickel (ppm)	2025	0	NA		N/A
Sodium (ppm)	2025	17.45	17.30-17.60		N/A
Sulfate (ppm)	2025	0	NA		250
pH	2025	6.85	6.8-6.9		6.5 to 8.5

The PWS Section requires monitoring for other misc. contaminants, some for which the EPA has set national secondary drinking water standards (SMCLs) because they may cause cosmetic effects or aesthetic effects (such as taste, odor, and/or color) in drinking water. The contaminants with SMCLs normally do not have any health effects and normally do not affect the safety of your water.

For more information about Saratoga’s drinking water, please visit:

https://www.pwss.enr.state.nc.us/NCDWW2/JSP/WaterSystemDetail.jsp?tinwsys_is_number=5900&tinwsys_st_code=NC&wsnumber=NC0498040

2025 Annual Drinking Water Quality Report

Wilson County Southeast Water District

Water System Number: NC 40-98-014

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If you have any questions about this report or concerning your water, please contact Wilson County Water Services at (252) 399-2749. We want our valued customers to be informed about their water utility.

What the EPA Wants You to Know

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Some people may be more vulnerable to contaminants in drinking water than the general population. 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).

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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.

Lead in Drinking Water

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. Wilson County Water Services is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact Wilson County Water Services at (252) 399-2749. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

We have been working to identify service line materials throughout the water system and prepared an inventory of all service lines in our water system. To access this inventory, please submit your request by calling Wilson County's Water Services Department at (252) 399-2749 or email rford@wilsoncountync.gov.

When You Turn on Your Tap, Consider the Source

The water used by this system is ground water purchased from the Town of Black Stantonsburg (PWS ID # NC0498025) as well as surface water from The City of Wilson (PWS ID # NC0498010). Water quality reports for each supplier can be viewed on each of their websites linked below.

Town of Stantonsburg: <https://www.townofstantonsburg.com/wp-content/uploads/2026/04/2025-Annual-Drinking-Water-Quality-Report-CCR-1.pdf>

City of Wilson: <https://www.wilsonnc.org/residents/all-departments/water-resources/water-treatment/water-quality-report>

Source Water Assessment Program (SWAP) Results

The North Carolina Department of Environment and Natural Resources (DENR), Public Water Supply (PWS) Section, Source Water Assessment Program (SWAP) conducted assessments for all drinking water sources across North Carolina. The purpose of the assessments was to determine the susceptibility of each drinking water source (well or surface water intake) to Potential Contaminant Sources (PCSs). The results of the assessment are available in SWAP Assessment Reports that include maps, background information and a relative susceptibility rating of Higher, Moderate or Lower.

The relative susceptibility rating of each source for Stantonsburg and City of Wilson was determined by combining the contaminant rating (number and location of PCSs within the assessment area) and the inherent vulnerability rating (i.e., characteristics or existing conditions of the well or watershed and its delineated assessment area). Please see the complete SWAP Assessment report for the Southeast District's water sources, Town of Stantonsburg (groundwater) and the City of Wilson (surface water) on the Web at: www.ncwater.org/pws/swap.

System Name	Wilson Co Southeast Water Dist.
City	Wilson
PWS ID	NC4098014
Source Name	Stantonsburg, Town of
Source Name	Wilson, City of

Note that because SWAP results and reports are periodically updated by the PWS Section, the results available on this web site may differ from the results that were available at the time this CCR was prepared. If you are unable to access your SWAP report on the web, you may mail a written request for a printed copy to: Source Water Assessment Program – Report Request, 1634 Mail Service Center, Raleigh, NC 27699-1634, or email requests to swap@ncdenr.gov. Please indicate your system name, number, and provide your name, mailing address and phone number.

If you have any questions about the SWAP report, please contact the Source Water Assessment staff by phone at 919-707-9098.

It is important to understand that a susceptibility rating of "higher" does not imply poor water quality, only the system's potential to become contaminated by Potential Contaminant Sources (PCSs) in the assessment area.

Help Protect Your Source Water

Why Protect Source Water? Protecting source water can reduce risks by preventing exposures to contaminated water. Drinking water utilities that meet the definition of a public water system are responsible for meeting the requirements of EPA and state drinking water programs under the Safe Drinking Water Act (SDWA). Protecting source water from contamination helps reduce treatment costs and may avoid or defer the need for complex treatment. There are many additional benefits associated with source water protection, such as protecting water quality for wildlife and recreational use, and protecting the availability and quantity of water supplies. Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water sources in several ways. Use and dispose of harmful materials and chemicals properly. Avoid dumping hazardous waste such as motor oil, pesticides, household cleaners, etc. down the drain, on the ground or in stormwater drains. Doing so can contaminate the soil, groundwater and nearby surface waters.

Violations that Your Water System Received for the Report Year

During the January 1, 2025, compliance period, Wilson County's Southeast Water District failed to meet disinfection byproducts monitoring deadline requirements. Immediate corrective actions taken: North Carolina Department of Environmental Quality was notified, and make-up samples were collected on October 14, 2026. Long-term corrective action plan: Wilson County Water Services has reviewed our disinfection byproducts monitoring plan and ensured future sampling dates and reminder notifications are correctly scheduled in our electronic calendar.

NOTICE TO THE PUBLIC

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Violation Awareness Date: October 24, 2025

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the compliance period specified in the table below, we did not monitor or test and/or did not complete all monitoring or testing for the contaminants listed and therefore cannot be sure of the quality of your drinking water during that time.

CONTAMINANT GROUP	FACILITY ID NO./ SAMPLE POINT ID	COMPLIANCE PERIOD BEGIN DATE	NUMBER OF SAMPLES/ SAMPLING FREQUENCY	WHEN SAMPLES WERE TAKEN (Returned to Compliance)
DISINFECTION BYPRODUCTS (DBP)	D01 / B01 & B02	JANUARY 1, 2025	2 / ANNUAL	OCTOBER 14, 2025

(HAA5)- Haloacetic Acids - include Monochloroacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Monobromoacetic Acid, Dibromoacetic Acid.

(TTHM) - Total Trihalomethanes - include Chloroform, Bromoform, Bromodichloromethane, and Dibromochloromethane.

What should I do? There is nothing you need to do at this time.

What is being done? Wilson County will begin collecting two dual sample sets (TTHMs & HAA5s) for the August 1, 2026, through August 31, 2026 monitoring period. This is an annual increase in the number of DBP samples to be collected.

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

For more information about this violation, please contact the responsible person listed in the first paragraph of this report.

Important Drinking Water Definitions

- **Action Level (AL)** - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- **Herbicide** – Any chemical(s) used to control undesirable vegetation.
- **Locational Running Annual Average (LRAA)** – The average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters under the Stage 2 Disinfectants and Disinfection Byproducts Rule.
- **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 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 Residual Disinfection 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 Disinfection 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.
- **Million Fibers per Liter (MFL)** - Million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.
- **Non-Detects (ND)** - Laboratory analysis indicates that the contaminant is not present at the level of detection set for the particular methodology used.
- **Not-Applicable (N/A)** – Information not applicable/not required for that particular water system or for that particular rule.
- **Parts per billion (ppb) or Micrograms per liter (ug/L)** - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.
- **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.
- **Pesticide** – Generally, any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest.
- **Running Annual Average (RAA)** – The average of sampling analytical results for samples taken during the previous four calendar quarters.

Water Quality Data Tables of Detected Contaminants

We routinely monitor contaminants in your drinking water according to Federal and State laws. The tables below list all the drinking water contaminants that we detected in the last round of sampling for each particular contaminant group. The presence of contaminants does not necessarily indicate that water poses a health risk. **Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, 2025.** The EPA and the State allow us to monitor certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

Lead and Copper

Contaminant (units)	Sample Date	Your Water (90 th Percentile)	Number of sites found above the action level	Range Low - High	MCLG	Action Level	Likely Source of Contamination
Copper (ppm) (90 th Percentile)	09/2025	0.205	0	0 - 0.425	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb) (90 th Percentile)	09/2025	5	0	0 - 5.7	0	AL = 15	Corrosion of household plumbing systems, erosion of natural deposits

The table above summarizes our most recent lead and copper tap sampling data. Compliance with the lead and copper actions levels is based on the 90th percentile lead and copper levels. This means that the concentration of lead and copper must be less than or equal to the action level in at least 90% of the samples collected. If you would like to review the complete lead tap sampling data, please call Wilson County's Water Services Department at (252) 399-2749 or email rford@wilsoncountync.gov.

Stage 2 Disinfection Byproducts (DBPs) Total Trihalomethanes (TTHM) and Haloacetic Acids (five) (HAA5)

Disinfection Byproduct	Year Sampled	MCL Violation Y/N	Your Water	Range Low - High	MCLG	MCL (ppb)	Likely Source of Contamination
TTHM (ppb)	2025	NO	B01 - 25.3 B02 - 11.7	N/A	N/A	80	Byproduct of drinking water disinfection
HAA5 (ppb)	2025	NO	B01 - 6.33 B02 - 3.19	N/A	N/A	60	Byproduct of drinking water disinfection

Disinfectant Residuals Summary

Disinfectant	Year Sampled	MRDL Violation Y/N	Your Water (RAA)	Range Low - High	MRDLG	MRDL	Likely Source of Contamination
Chlorine (ppm)	2025	NO	0.86	0.7 - 1.1	4	4.0	Water additives are used to control microbes.

Asbestos Contamination

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low - High	MCLG	MCL	Likely Source of Contamination
Total Asbestos (MFL)	12/3/2013	NO	ND	ND	7	7	Decay of Asbestos Cement water mains. Erosion of natural deposits

Microbiological Contaminants in the Distribution System : For systems that collect less than 40 samples per month.

Contaminant (units)	MCL Violation Y/N	Your Water	MCLG	MCL	Likely Source of Contamination
Total Coliform Bacteria (presence or absence)	NO	Absent	0	One positive monthly sample	Naturally present in the environment
Fecal Coliform or <i>E. coli</i> (presence or absence)	NO	Absent	0	Note: The MCL is exceeded if a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <i>E. coli</i> positive	Human and animal fecal waste

Thank you for being a Wilson County Water Services customer !



Wilson County Government

North Carolina

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