WILSON CO RWD 10

Consumer Confidence Report – 2026

Covering Calendar Year – 2025

Kansas Department of Health and Environment

This brochure is a snapshot of the quality of the water that we provided last year. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. If you would like to observe the decision-making process that affect drinking water quality, please call SHERRY MALLERNEE at 620-288-9044.

Our drinking water is supplied from another water system through a Consecutive Connection (CC). Your water comes from Surface water.

Source Name	Source Water Type
CC FROM ALTOONA, CITY OF ABANDONED	Surface water
CC FROM BUFFALO, CITY OF ABANDONED	Surface water
CC FROM PUBLIC WHOLESALE 23	Surface water

Buyer Name	Seller Name
KS2020510 - WILSON CO RWD 10	PUBLIC WHOLESALE 23

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as those 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). Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).
The sources of drinking water (both tap water and bottled water) included 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 sources water before we treat it include:

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, livestock operations and wildlife.

Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Pesticides and herbicides, which may come from a variety of sources such as storm water run-off, agriculture, and residential users.

Radioactive contaminants, which can be naturally occurring or the result of mining activity.

Organic contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also come from gas stations, urban storm water run-off, and septic systems.
In order to ensure that tap water is safe to drink, EPA prescribes regulation which limits the amount of certain contaminants in water provided by public water systems. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Our water system is required to test a minimum of 2 sample(s) per month in accordance with the Revised Total Coliform Rule for microbiological contaminants. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public.

Water Quality Data

The following tables list all of the drinking water contaminants which were detected during the 2025 calendar year. The presence of these contaminants does not necessarily indicate the water poses a health risk. Unless noted, the data presented in this table is from the testing done January 1- December 31, 2025. The state requires 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. **The bottom line is that the water that is provided to you is safe.**

Terms & Abbreviations

Maximum Contaminant Level Goal (MCLG): the "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL): the "Maximum Allowed" 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.

Secondary Maximum Contaminant Level (SMCL): recommended level for a contaminant that is not regulated and has no MCL.

Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements.

Treatment Technique (TT): a required process intended to reduce levels of a contaminant in drinking water.

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.

Non-Detects (ND): lab analysis indicates that the contaminant is not present.

Parts per Million (ppm): or milligrams per liter (mg/L)

Parts per Billion (ppb): or micrograms per liter (µg/L)

Picocuries per Liter (pCi/L): a measure of the radioactivity in water.

Millirems per Year (mrem/yr): measure of radiation absorbed by the body.

Monitoring Period Average (MPA): An average of sample results obtained during a defined time frame, common examples of monitoring periods are monthly, quarterly and yearly.

Nephelometric Turbidity Unit (NTU): a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person. Turbidity is not regulated for groundwater systems.

Running Annual Average (RAA): an average of sample results obtained over the most current 12 months and used to determine compliance with MCLs.

Locational Running Annual Average (LRAA): Average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.

Testing Results for Rural Water District No. 10, Wilson County

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	17979 1800 RD	2025	23	21 - 21	ppb	60	0	By-product of drinking water disinfection
TTHM	1495 30TH RD	2025	43	33 - 33	ppb	80	0	By-product of drinking water chlorination

There is no safe level of lead in drinking water. 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.

Lead and Copper	Monitoring Period	90TH Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2022 - 2024	0.0092	0.0011 - 0.014	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2022 - 2024	1.9	0 - 2.9	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

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 CO RWD 10** 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 CO RWD 10** at **620-288-9044**. 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.

The Lead and Copper rules require water systems to develop and maintain a Service Line Inventory. The service line is the underground pipe that supplies your home or building with water. To view the Service Line Inventory, which lists the material type(s) for your location, you may view the inventory at 1508 W. 11th Street in Chanute, Kansas.

Chlorine/Chloramines Maximum Disinfection Level	MPA	MPA Units	RAA	RAA Units
9/1/2025 - 9/30/2025	4.00000	MG/L	3.80000	MG/L

During the 2025 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Comments
1/1/2025 - 2/14/2025	LEAD & COPPER RULE	Failed to meet content, delivery, and/or reporting requirements for lead consumer notification. This violation has been resolved in coordination with KDHE.

There are no additional required health effects notices.

There are no additional required health effects violation notices.

Some or all of our drinking water is supplied from another water system. The table below lists all of the drinking water contaminants that were detected during the 2025 calendar year from the water systems that we purchase drinking water from.

Regulated Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
BARIUM	2/12/2025	PUBLIC WHOLESALE 23	0.01	0.01 - 0.01	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
CHROMIUM	2/12/2025	PUBLIC WHOLESALE 23	1.3	1.3 - 1.3	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits

Secondary Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	2/12/2025	PUBLIC WHOLESALE 23	59	59	MG/L	300
ALUMINUM	2/12/2025	PUBLIC WHOLESALE 23	0.57	0.57	MG/L	0.05
CALCIUM	2/12/2025	PUBLIC WHOLESALE 23	16	16	MG/L	200
CHLORIDE	2/12/2025	PUBLIC WHOLESALE 23	30	30	MG/L	250
CONDUCTIVITY @ 25 C UMHOS/CM	2/12/2025	PUBLIC WHOLESALE 23	260	260	UMHO/CM	1500
HARDNESS, TOTAL (AS CACO3)	2/12/2025	PUBLIC WHOLESALE 23	81	81	MG/L	400
MAGNESIUM	2/12/2025	PUBLIC WHOLESALE 23	10	10	MG/L	150
PH	2/12/2025	PUBLIC WHOLESALE 23	8	8	PH	8.5
PHOSPHORUS, TOTAL	2/12/2025	PUBLIC WHOLESALE 23	0.071	0.071	MG/L	5
POTASSIUM	2/12/2025	PUBLIC WHOLESALE 23	2.5	2.5	MG/L	100
SILICA	2/12/2025	PUBLIC WHOLESALE 23	2.1	2.1	MG/L	50
SODIUM	2/12/2025	PUBLIC WHOLESALE 23	17	17	MG/L	100
SULFATE	2/12/2025	PUBLIC WHOLESALE 23	22	22	MG/L	250
TDS	2/12/2025	PUBLIC WHOLESALE 23	140	140	MG/L	500