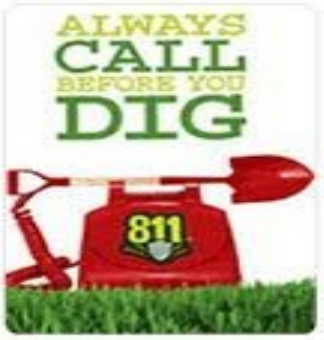
CITY OF WINFIELD

WINFIELD, KS

2025 Annual Water Quality Report



WE ARE PROUD TO REPORT

That the water provided by the City of Winfield continues to meet or exceed established water-quality standards! During the year 2025 there were no sampling violations. All samples collected met or exceeded regulation requirements.

Striving to meet your water needs

This report represents our 2025 Water Quality Testing Results and shares information about the quality of the water and services 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. The Safe Drinking Water Act (SDWA) requires that utilities issue an annual "Consumer Confidence" report to customers. It is intended to inform the public about the quality of the water and the effort made by us to maintain it. We are committed to providing you with information because informed customers are our best allies. Please take a moment to read this report as there is a great deal of information enclosed. This report reflects the results of our monitoring for the period of January 1st to December 31st, 2025.

WHY SHOULD YOU READ THIS REPORT?

So that you may become informed and gain knowledge of your drinking water. It is our goal to provide you with the very safest and affordable water we can. You will find on page 2 and page 3 the results from the 2025 water analysis. Please take the time to read this report. We continually monitor the water we provide you to insure removal of any harmful contaminants. We disinfect to make sure the water remains safe at your tap. We have and maintain a network of mains and pipes to get the water to you. The City of Winfield takes great pride in our commitment to provide you quality water and is always mindful of the future to ensure the Winfield City Lake can provide an adequate water supply for the City of Winfield for many more years.

SPECIAL NOTICE FOR THE ELDERLY, INFANTS, CANCER PATIENTS, PEOPLE WITH HIV/AIDS OR OTHER IMMUNE PROBLEMS:

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). For more information on water quality regulations and testing procedures contact the Kansas Dept of Health and Environment Bureau of Water at 785-296-5500 or the City of Winfield Water Treatment Plant at 620-221-5642.

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).

This report includes very important information about your drinking water. Translate it, or speak with someone who understands it.

EN ESPANOL: Este informe contiene informacion muy importante sobre su agua beber. Traduzcalo o hable conalquien que lo entienda bien.

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Testing Results for the City of Winfield

Please Note: Because of sampling schedules, results may be older than 1 year.

Regulated Contaminants	Collection Date	Your Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
BARIUM	5/12/2025	0.092	0.092	ppm	2	2	Discharge of drilling waste Discharge from metal refineries Erosion of natural deposits

Disinfection By-products	Sample Point	Monitoring Period	Highest LRAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2016 COUNTRY CLUB RD	2025	6	11 - 11	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	2202 PIKE RD	2025	10	8.9 - 8.9	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	2801 E 12TH	2025	11	15 -15	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	416 N MAIN	2025	9	7.4 - 7.4	ppb	60	0	By-product of drinking water disinfection
TTHM	2016 COUNTRY CLUB RD	2025	0	0-0	ppb	80	0	By-product of drinking water disinfection
TTHM	2202 PIKE RD	2025	0	0-0	ppb	80	0	By-product of drinking water disinfection
TTHM	2801 E 12th	2025	0	0-0	ppb	80	0	By-product of drinking water disinfection
TTHM	416 N MAIN	2025	0	0-0	ppb	80	0	By-product of drinking water disinfection

Lead and Copper	Monitoring Period	90th Per-centile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2022 - 2024	0.23	0.051 - 0.45	ppm	1.3	0	Corrosion of household plumbing
LEAD	2022 - 2024	3.2	0 - 8.5	ppb	15	0	Corrosion of household plumbing

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 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. CITY OF WINFIELD 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 CITY OF WINFIELD at 620-221-5642. 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 Rule requires 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:

https://winfieldks.org/waterpipesurvey

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 10 samples 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.

Chlorine/Chloramines Maximum Disinfection Level	MPA	MPA Units	RAA	RAA Units
12/1/2025 - 12/30/2025	3.000	MG/L	2.4	MG/L

Total Organic Carbon Lowest Month for Removal	Number of Samples	Actual Removal Ratio	Required Removal Ratio	Lowest Monthly Removal Ratio
2/1/2025 - 2/28/2025	12	1.40	1.0 RATIO	1.06

Total organic carbon (TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. These byproducts including trihalomethanes (THMs) and haloacetic acids (HAAs). Drinking water containing these by-products in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.

Secondary Contaminants	Collection Date	Your Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	4/8/2025	130	120 - 130	MG/L	300
ALUMINUM	5/12/2025	0.021	0.021	MG/L	0.05
BROMATE	6/3/2025	16	0-16	ppb	10
CALCIUM	5/12/2025	40	40	MG/L	200
CHLORIDE	5/12/2025	11	11	MG/L	250
CONDUCTIVITY @ 25 C UMHOS/CM	5/12/2025	280	280	UMHO/CM	1500
CORROSIVITY	5/12/2025	0.43	0.43	LANG	0
HARDNESS, TOTAL (AS CACO3)	5/12/2025	120	120	MG/L	400
MAGNESIUM	5/12/2025	5.7	5.7	MG/L	150
MANGANESE	5/12/2025	0.0017	0.0017	MG/L	0.05
PH	5/12/2025	8.1	8.1	PH	8.5
POTASSIUM	5/12/2025	3.3	3.3	MG/L	100
SILICA	5/12/2025	0.58	0.58	MG/L	50
SODIUM	5/12/2025	12	12	MG/L	100
SULFATE	5/12/2025	13	13	MG/L	250
TDS	5/12/2025	160	160	MG/L	500

Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of getting cancer.

During the 2025 calendar year, we had no violation of drinking water regulations.

DEFINITIONS FOR TERMS AND ABBREVIATIONS USED IN TABLES.

Maximum Contaminant Level Goal or (MCLG): the "Goal" is the level of 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 or (MCL): The (maximum allowed) MCL is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
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 for 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 of disinfectant is necessary for control of a 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 (ug/L)
Picocuries per Liter (pCi/L): measure of 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.
Please Note: Because of sampling schedules, results may be older than 1 year.

THE CITY OF WINFIELD
WATER DEPARTMENT
P.O. BOX 646
WINFIELD, KS 67156

Additional copies of this report are available free of charge at any of the following City locations:
City Hall 200 E. 9th , Operation Center 2701 E. 9th and the Winfield Water Treatment Plant on North College.

Why Does Our Water Need to Be Tested and Treated?

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 before we treat it include the following:

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

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

Pesticides and herbicides, which may come from a variety of sources such as agricultural, urban storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.

Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

City of Winfield Mission Statement

"To provide and maintain services necessary to sustain a safe, welcoming, and prosperous community for the residents of Winfield."

EMERGENCY ON-CALL PERSONNEL

We have an emergency on-call person available during non-business hours, weekends, and holidays. In the event of an emergency during non-business hours please contact us through our emergency number at 620-221-0404 or during the day at 620-221-5600

STAY INFORMED ATTEND CITY COMMISSION MEETINGS

If you want to learn more, please attend any of our City Commission meetings. They are held at 5:30 p.m. on the 1st and 3rd Mondays of every month at the Winfield Civic Center, 400 E. 9th, Winfield, KS. If you have any questions about this report or have concerns regarding your water quality, you can contact **Dan Defore Water Superintendent at 620-221-5642.**