

CITY OF SALINA

Consumer Confidence Report – 2025

Covering Calendar Year – 2024



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 MARTHA TASKER at 785-309-5725.

Water Source

The Downtown Water Treatment Plant receives water from 21 groundwater wells located within the city of Salina and surface water from the Smoky Hill River. The South Water Treatment Plant receives water from 4 groundwater wells located southeast of the city of Salina.

Your water is treated to remove several contaminants and a disinfectant is added to protect you against microbial contaminants. The Safe Drinking Water Act (SDWA) required states to develop a Source Water Assessment (SWA) for each public water supply that treats and distributes raw source water in order to identify potential contamination sources. The state has completed an assessment of our source water. For results of the assessment, please contact us or view online at:

<https://www.salina-ks.gov/media/utilities/Document%20Library/Source%20Water%20Assessment%20Report.pdf?ver=20250519213633>

Do I need to take special precautions?

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).

Why are there contaminants in my drinking water?

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 50 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.

Water Quality Data

The following tables list all of the drinking water contaminants which were detected during the 2024 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, 2024. 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" 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 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: CITY OF SALINA

Microbiological	Result	MCL	MCLG	Typical Source
COLIFORM (TCR)	In the month of April and August, 1.89% of samples returned as positive	No more than 5% positive monthly samples	0	Naturally present in the environment

Regulated Contaminants	Collection Date	Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
ARSENIC	5/14/2024	1.3	0 - 1.3	ppb	10	0	Erosion of natural deposits
BARIUM	5/14/2024	0.015	0.011 - 0.015	ppm	2	2	Discharge from metal refineries
CHROMIUM	5/14/2024	2.4	1.8 - 2.4	ppb	100	100	Discharge from steel and pulp mills
FLUORIDE	7/22/2024	0.84	0.32 - 0.84	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
NITRATE	5/14/2024	1.2	0.64 - 1.2	ppm	10	10	Runoff from fertilizer use
SELENIUM	5/14/2024	23	18 - 23	ppb	50	50	Erosion of natural deposits

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	90 th Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2021 - 2023	0.0304	0.001 – 0.0361	ppm	1.3	0	Corrosion of household plumbing
LEAD	2021 - 2023	1.4	0 – 9.7	ppb	15	0	Corrosion of household plumbing

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 SALINA 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 SALINA and **Martha Tasker, Director of Utilities, 300 W. Ash St., Salina, KS 67401, (785) 309-5725**. 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 Revised 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: **City of Salina – Utilities Department, 300 W. Ash St., Room 205, Salina, KS 67401**.

Chlorine/Chloramines Maximum Residual Disinfection Level	MPA	MPA Units	RAA	RAA Units
2024 - 2024	3.5000	MG/L	3.1	MG/L

Total organic carbon (TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes (THMs) and haloacetic acids (HAAs). Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

Disinfection Byproducts	Monitoring Period	Highest RAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2024	23	6.7 - 48	ppb	60	0	By-product of drinking water disinfection
TTHM	2024	38	8 - 70	ppb	80	0	By-product of drinking water chlorination

Total Organic Carbon Lowest Month for Removal	Number of Samples	Actual Removal Ratio	Required Removal Ratio	Lowest Monthly Removal Ratio
3/1/2024 - 3/31/2024	12	1.34	1.0 RATIO	0

Testing Results for: CITY OF SALINA (Continued)

Secondary Contaminants – Non-Health Based Contaminants - No Federal Maximum Contaminant Level (MCL) Established.	Collection Date	Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	5/14/2024	70	56 - 70	MG/L	300
ALUMINUM	5/14/2024	0.039	0.012 - 0.039	MG/L	0.05
CALCIUM	5/14/2024	33	16 - 33	MG/L	200
CHLORIDE	5/14/2024	140	100 - 140	MG/L	250
CONDUCTIVITY @ 25 C UMHO/CM	5/14/2024	930	750 - 930	UMHO/CM	1500
HARDNESS, TOTAL (AS CaCO3)	5/14/2024	110	100 - 110	MG/L	400
MAGNESIUM	5/14/2024	15	6.2 - 15	MG/L	150
PH	5/14/2024	8.9	8.7 - 8.9	PH	8.5
PHOSPHORUS, TOTAL	5/14/2024	1.1	0.15 - 1.1	MG/L	5
POTASSIUM	5/14/2024	10	9.5 - 10	MG/L	100
SILICA	5/14/2024	19	13 - 19	MG/L	50
SODIUM	5/14/2024	160	110 - 160	MG/L	100
SULFATE	5/14/2024	180	150 - 180	MG/L	250
TDS	5/14/2024	590	480 - 590	MG/L	500

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

UCMR5 Testing

The Safe Drinking Water Act (SDWA) requires that once every five years the United States Environmental Protection Agency (EPA) issue a list of unregulated contaminants to be monitored by public water systems (PWSs). The Unregulated Contaminant Monitoring Rule (UCMR 5) requires a sample collection for 30 chemical contaminants between the years of 2023 and 2025. The City of Salina completed our UCMR 5 testing in 2024. The preliminary analysis indicates we do not currently exceed any of the current or proposed regulatory MCLs for per- and polyfluoroalkyl substances (PFAS).

Lithium is naturally occurring and can be found in groundwater, has numerous commercial uses including as a main component of batteries, and is likely found in a variety of foods. Lithium is also used as a pharmaceutical to treat certain medical conditions.

UCMR5	Collection Date	Highest Value	Range (low/high)	Unit
LITHIUM	2/20/2024	41.7	19.9 – 41.7	ppb

Overview

In 2024, as in years past, the City of Salina's tap water met all U.S. Environmental Protection Agency (EPA) and State Department of Health and Environment (KDHE) drinking water health standards. The City of Salina, Water Division, vigilantly safeguards its water supplies, and again, we are proud that our system has not violated a maximum contaminant level or other water quality standard.

Public Participation Opportunities

The Salina City Commission meets at 4 P.M. on Mondays at the City-County Building, 300 W. Ash. You may present items related to water issues at the commission meeting, or express your concerns to Martha Tasker, Director of Utilities during normal office hours at (785)309-5725 or email at martha.tasker@salina.org