

# New Information For 2024 WATER QUALITY REPORT

## City of Garden City-Town Center Water System

System I.D. Number GA0510280 JANUARY 2024- DECEMBER 2024

### *Important Information About the Safety of Your Drinking Water*

The City of Garden City is pleased to report to you that your drinking water that is purchased from the City of Savannah, Savannah Quarters Water System is safe. Water department staff pride themselves on their ability to provide you, our customer, with clean, safe water. The table included in this report shows that water supplied by the City Water System gets an excellent report card when compared to health standards.

All sources of drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some substances. All water sources, including rivers, lakes, reservoirs, and wells, are fed by water that passes over the surface of the land or through the ground. The water dissolves naturally occurring minerals and materials. It can also pick up substances resulting from the presence of animal or human activity.

Substances that may be present in source water:

- ☐ Biological - may come from human, agriculture, or wildlife sources.
- ☐ Inorganic - can be natural, from storm run-off, or from industrial or domestic wastewater discharges.

In order to ensure that tap water is safe to drink, the Environmental Protection Agency (EPA) prescribes regulations that limit the amounts of certain substances in water provided by public water systems.

As new standards are established for drinking water, the City of Savannah will add new technology in order to be able to meet the new requirements. Please adhere to the state-mandated water conservation restrictions, as our water is a precious resource.

#### **Source of Water**

The Savannah Quarters System gets its water from the Floridan aquifer. This pristine source provides the Savannah Quarters System with a safe and dependable supply of water. The City's Water Supply and Treatment Department has been pro-active in protecting the Floridan aquifer. A Wellhead Protection Plan has been developed and approved by EPD. There are three wells in the Savannah Quarters System, each between 558 and 600 feet deep, that pump water into the distribution system. The system pumped approximately 0.30 million gallons a day to 4,799 residential customers during 2024.

#### **Treatment Process**

The water pumped from the Floridan aquifer is very pure. The only treatment needed is chlorination. Chlorine is added to the water for disinfection purposes prior to entering the distribution system

***For additional information about the quality of your drinking water call - City of Garden City (912)629-2296***

#### **About City of Savannah Water Supply and Treatment**

Savannah's city government works under the direction of a council/ manager form of government and has since 1954. The City Council meets every other Thursday at 2:00 p.m. in the Council Chambers on the second floor of City Hall, located at Two East Bay Street. These meetings are open to the public.

The City of Savannah has established a water conservation program. Information about this program or the state mandated water restrictions is available to anyone interested in conserving water, our most precious resource. The Water Conservation office is located at 6 Lower East Bay Street (Engineering) and can be reached by telephone at 912-651-2221.

Water Conservation has also established a Groundwater Guardian Team. If you are interested in learning more about this volunteer group, please call the Water Conservation office.

The City of Savannah Water Supply and Treatment Department business hours are from 8:00 a.m. until 5:00 p.m. Monday through Friday. The customer service and 24 hour a day emergency telephone number is 912-351-3434. If you did not receive a copy of this report and you would like to be added to our mailing list, please contact us at one of the telephone numbers above.

**LEAD AND COPPER SERVICE LINE INVENTORY:**

In 2024, Garden City completed an inventory of all service lines in the water system. Service lines belonging to the City as well as to the homeowner were identified and categorized into one of the following groups: lead containing, galvanized requiring replacement, non-lead, or status unknown. The results of the survey can be viewed on Georgia’s Public Transparency Dashboard at <http://ga-epd.120water-ptd.com/>.

**Additional Information:** Websites with information about water quality  
<http://www.epa.gov/ow>    <http://www.dnr.state.ga.us>  
<http://www.awwa.org>  
<http://www.ci.savannah.ga.us>  
<http://www.thempc.org/waterresources>

**PFAS in Drinking Water**

Garden City and City of Savannah are participating in unregulated contaminant monitoring as required by EPA. Unregulated contaminants are chemicals that EPA is now considering as important substances to monitor for and include per- and polyfluoroalkyl substances (PFAS), also known as “forever chemicals”. Garden City is required to test for PFAS during two sampling events in 2025. For more information on PFAS and the water system please visit the Water Department’s informational page on the Garden City website.

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 (1-800-426-4791).

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 /Center for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Consumer Confidence Rule			
The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems			
Violation Type	Violation Begin	Violation End	Violation Explanation
CCR Report	7/1/2024	7/18/2024	We failed to provide to you, our drinking water customers, an annual report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water. The report was revised, resubmitted, and approved by EPD

**City of Garden City Water Department**  
**2 Bud Brown Dr. Garden City, GA 31408**

The City of Garden City and the City of Savannah have both performed many tests and procedures during 2024 to ensure water quality. Tests have been made on several water quality parameters. The City has met all sampling and reporting requirements. The following table lists all detected substances that require monitoring.

## DRINKING WATER ANALYSIS

### Town Center Water System

#### Regulated Substances

Detected Parameters							
Substance Tested and Detected	Unit	Goal MCLG	Maximum Allowed MCL	Amount Detected	Range of Detection	Is It Safe? (Does It Meet Standards?)	Probable Source
Copper	ppb	1300	1300 ppb	87.5 ppb (90 <sup>th</sup> Percentile)	4.6 - 160	Yes	Corrosion of household plumbing
Lead	ppb	0	AL=15	1.1 ppb (90 <sup>th</sup> Percentile)	0 – 2.2	Yes	Corrosion of household plumbing
Total Coliform Bacteria	CFU	0	Presence of coliform bacteria in >1 of monthly samples	0 sample positive	N/A	Yes	Naturally present in the environment
Chlorine*	ppm	MRDLG = 4	4 ppm	1.86 ppm	0.19 - 1.86	Yes	Water additive used to control microbes
Fluoride*	ppm	4	4 ppm	0.36 ppm	0.27 – 0.36	Yes	Erosion of natural deposits
Haloacetic Acids (HAA5)	ppb	N/A	60 ppb	2 ppb	N/A	Yes	Byproduct of drinking water disinfection
Trihalomethanes (TTHM)	ppb	N/A	80 ppb	15.6 ppb	N/A	Yes	Byproduct of drinking water disinfection

Lead and copper samples were collected between 6/2023 and 9/2023

HAA5 and TTHM samples were collected on 9/27/2022

\*Sampling and testing reported by the City of Savannah

If present, elevated levels of 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. The City of Savannah is responsible for providing high-quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

Symbol, Acronym, or Note	Definition
AL	<i>Action Level:</i> The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
MCL	<i>Maximum Contaminant Level:</i> The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
MCLG	<i>Maximum Contaminant Level Goal:</i> 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.
MRDL	<i>Maximum Disinfectant Residual Level:</i> The highest level of disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants.
MRDLG	<i>Maximum Disinfectant Residual Level Goal:</i> The level of a drinking water disinfectant below which there is no known or expected risk to health.
NA	Not applicable.
ND	Not Detected
ppm	<i>Parts Per Million:</i> 1 part per 1,000,000 (same as milligrams per liter) and corresponds to 1 minute in 2 years or 1 penny in \$10 thousand.
ppb	<i>Parts Per Billion:</i> 1 part per 1,000,000,000 (same as micrograms per liter) and corresponds to 1 minute in 2,000 years or 1 penny in \$10 million.
90 <sup>th</sup> Percentile	Level used to determine compliance
>	Greater than.
<	Less than