

# *Annual Drinking Water Quality Report for 2024*

## **Golden Kay Apartments**

April, 2025

PWSID 0070202

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the water quality and services we deliver to you every day. 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.

Our water source is one active well which draws from an underground source known as an Aquifer. The depth of our well is approximately 92 feet.

Maryland Department of the Environment (MDE) has performed an assessment of our source water. This Source Water Assessment Report may be viewed in the Calvert County Public Library, or a copy may be obtained from MDE. The website is: [https://mde.maryland.gov/programs/Water/water\\_supply/Source\\_Water\\_Assessment\\_Program/Pages/by\\_county.aspx](https://mde.maryland.gov/programs/Water/water_supply/Source_Water_Assessment_Program/Pages/by_county.aspx) For more information call 1-800-633-6101

This report shows our water quality and what it means.

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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If you have any questions about this report or concerning your water, please contact our office at (410) 398-6942. We want our residents to be informed about their water.

Golden Kay Apartments routinely monitors for contaminants in your drinking water according to Federal and State laws. The following table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2024, or as otherwise indicated. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these contaminants does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*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* - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

*Parts per trillion (ppt) or Microgram per liter*- one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

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

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Maximum Contaminant Level* - 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.

*Maximum Contaminant Level Goal* - The “Goal”(MCLG) is 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.

<b>TEST RESULTS</b>						
Contaminant	Violation Y/N	Level Detected/Range	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Radioactive Contaminants</b>						
Beta/photon emitters, Range (2024)	N	8.4	pCi/l	0	50	Decay of natural and man-made deposits
Gross Alpha excluding radon and uranium Range (2024) Annual Running Average	N	3.16-14.68	pCi/l	0	15	Erosion of natural deposits
Combined radium (226 & 228) Range (202) Annual Running Average	N	0-8.66	pCi/l	0	5	Erosion of natural deposits
<b>Inorganic Contaminants</b>						
Nitrate (as Nitrogen) (2024)	N	3	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Coliform Bacteria</b> Maximum Containment Level Goal	Total Coliform maximum containment level	Highest No. of Positive	Fecal Coliform or ecoli maximum containment level	Total number of positive e coli or fecal coliform samples	Violation	Likely source of Contamination
0	1 positive monthly sample	4		0	N	Naturally present in the Environment

<b>Lead and Copper</b>	Violation Y/N	90 <sup>th</sup> Percentile	Range of Tap Sampling	Units	MCLG or MRDLG	(AL Limits) / # Sites Over	Likely Source of Contamination
Copper (distribution)	N	0.01	0.011 – 0.016	ppm	1.3	AL= 1.3 Zero (0)	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (distribution)	N	ND (<.005)	0.001 – 0.001	ppm	0	AL= .015 Zero (0)	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Note: Test results are for year 2024 unless noted otherwise; testing for all contaminants is not required annually.

An initial Service Line Inventory was submitted to the Maryland Department of the Environment on 2/19/2025. The report was late due to service line investigation. As a result, the Service Line Inventory requirement was fulfilled. “The report is available upon request”.

Golden Kay Apartments has completed the service line inventory required by U.S. EPA’s Lead and Copper Rule

Revisions (initial inventory due October 16<sup>th</sup>, 2024)

For more information on our service line inventory please call 410-398-6942.

Through completing a records review, it has been determined it has no Lead or Galvanized Replacement (GRR) service lines in its distribution system. This includes all system owned and customer portions of all service lines regardless of actual or intended use.

Construction records, meter replacements, and distribution maps were used to help us determine the composition of our systems service lines.

Golden Kay Apartments has reviewed all applicable sources of information to complete the inventory and will continue to identify and track service line materials as they are encountered during normal operations. If, in the future, a Lead or Galvanized requiring replacement (GRR) service line is found within our system, we will prepare an updated inventory and submit to the Maryland Department of the Environment and in addition, the inventory will be made publicly available for water customers to view, and customer will be notified of any change in the service line material, if applicable.

For more information on our service line inventory please call 410-398-6942.

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. Golden Kay Apartments 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 Golden Kay Apartments at 410-398-6942. 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>.

PFAS – short for per- and polyfluoroalkyl substances – refers to a large group of more than 4,000 human-made chemicals that have been used since the 1940s in a range of products, including stain- and water-resistant fabrics and carpeting, cleaning products, paints, cookware, food packaging and fire-fighting foams. These uses of PFAS have led to PFAS entering our environment, where they have been measured by several states in soil, surface water, groundwater, and seafood. Some PFAS can last a long time in

the environment and in the human body and can accumulate in the food chain.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All 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 the 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 at 1-800-426-4791.

The Maryland Rural Water Association's State Circuit Rider assisted with the completion of this report.

MCLs are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Please call our office at 410-398-6942 if you have questions about this report.

Violation:

LSL REPORTING-INITIAL (4G) and LSL INVENTORY-INITIAL (2E) VIOLATION\*\* We failed to complete and submit our initial service line inventory that was due to MDE by October 16, 2024. *The inventory was completed and submitted on 2/19/2025.*