

Annual Drinking Water Quality Report for 2024
Independence Village
PWSID 0080019
May, 2025

We're pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the water quality and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is from one well which is located adjacent to our pump house. The depth of this well and the confined aquifer from which it draws is unknown at the present time.

A source water assessment plan has been completed for Charles County. This report is available from Charles County Government, the Charles County Public Library, or Maryland Department of the Environment (MDE) and provides more information such as potential sources of contamination. ***For more information call 1-800-633-6101. Results of the assessment can be found on the MDE website:***
https://mde.maryland.gov/programs/Water/water_supply/Source_Water_Assessment_Program/Pages/by_county.aspx
[x](#)

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 **William Scheve** at (240-925-0653). We want our residents to be informed about their water. If you want to learn more, please attend any of our regularly scheduled community meetings which are held on the first Tuesday of most months at one of our residences on a rotating basis. You will be notified of the time and place for these meetings.

Independence Village routinely monitors for contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2024. 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 contaminants. It's important to remember that the presence of these contaminants does not necessarily pose a health risk.

In this table you will find 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 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.

ND – Indicates that there was no lead detected.

TEST RESULTS								
Contaminant	Violation Y/N	Level Detected/Range	Unit Measurement	MCLG	MCL	Likely Source of Contamination		
Disinfection and Disinfection by-products								
TTHM (Distribution) [Total trihalomethanes] (2024)	N	1.2	ppb	0	80	By-product of drinking water chlorination		
HAA5 (Distribution) [Total Haloacetic Acids] (2024)	N	3.3	ppb	0	60	By-product of drinking water chlorination		
Disinfectant		Date	Highest RAA	Unit	Range	MRDL	MRDLG	Typical Source
CHLORINE		2024	0.9	ppm	0.2 - 0.5	4	4	Water additive used to control microbes
Inorganic Contaminants								
Arsenic (2023)	N	1.2	ppb	0	10	Erosion of natural deposits; Runoff from orchards ⁹ ; Runoff from glass and electronics production wastes		
Barium (2023)	N	0.0445	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits		
Fluoride (2023)	N	0.1	ppm	4.0	4	Erosion of natural deposits; Water additive that promotes strong teeth; Discharge from fertilizer and Aluminum factories		
Radioactive Contaminants								
Beta/photon emitters (2020)	N	9.2	pCi/L	0	50	Decay of natural and man-made deposits		
Combined radium 226/228 (2020)	N	0.9	pCi/L	0	5	Erosion of natural deposits		
Lead and Copper	Violation Y/N	90 th Percentile	Range of Tap Sampling g	Units	MCLG or MRDLG	(AL Limits) / # Sites Over	Likely Source of Contamination	
Copper (distribution) (2022)	N	0.07	0.05 – 0.08	ppm	1.3	AL= 1.3 Zero (0)	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
Lead (distribution) (2022)	N	.0015	0.0010 – 0.0019	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 otherwise noted. All contaminants do not require annual testing.

Our water system tested a minimum of 1 sample(s) per month in accordance with the Total Coliform Rule for microbiological contaminants. With the microbiological samples collected, the water system collects disinfectant residuals to ensure control of microbial growth.

An initial Service Line Inventory was submitted to the Maryland Department of the Environment on 1/28/2025. 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".

Independence Village has completed the service line inventory required by U.S. EPA's Lead and Copper Rule Revisions (initial inventory due October 16th, 2024)
For more information on our service line inventory please call 240-925-0653.

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.

Independence Village 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 240-925-0653.

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. Independence Village 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 Independence Village at 240-925-0653. 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>.

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.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, 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.

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

Assistance in completing this year's annual water quality report is being provided by Maryland Rural Water Association. We are required by State and Federal Regulations to provide a copy of this annual report to our residents and to Maryland Department of the Environment (MDE) no later than July 1st of each year. A Certification of Distribution Form is required to be submitted annually to MDE no later than October 1st of the same year which describes how the report was provided to our residents.

Violation:

Violation Period	Analyte	Violation Type	Violation Explanation
10/16/2024 - 1/27/2025	LEAD AND COPPER RULE REVISIONS	LSL INVENTORY-INITIAL	We failed to complete and/or submit our initial service line inventory that was due to MDE by October 16, 2024.
10/16/2024 - 1/27/2025	LEAD AND COPPER RULE REVISIONS	LSL REPORTING-INITIAL	We failed to complete and/or submit our initial service line inventory that was due to MDE by October 16,

Please call (240)-925-0653 if you have questions about this report or the quality of your drinking water.