



Fountain Green Mobile Home Park Annual Drinking Water Quality Report for 2022 PWSID #0120208

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 two (2) potable groundwater wells: Fountain Green 1 (identifier HA812346), near 2.1 miles southeast of Fountain Green; approximately 67 feet east of Wheel Road, and Fountain Green 2 (identifier HA920888) near 2 miles northwest of Creswell, approximately 60 feet south of Wheel Road. We have a source water protection plan available from our office that provides more information such as potential sources of contamination. I'm pleased to report that our drinking water is safe and meets all federal and state requirements.

The following 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 utility, please contact **Jack Bradshaw, Vice President of Operations for Prostart at 443-903-4758**. We want our valued customers to be informed about their water utility.

Fountain Green Mobile Home Park has contracted Prostart to be its water treatment plant operations firm. Prostart 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 1 to December 31, 2022**. 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 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.

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.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. 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 at the Harford County Library or by calling the Environmental Protection Agency’s Safe Drinking Water Hotline at 1-800-426-4791. We’re proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected. The EPA has determined that your water IS SAFE at these levels.

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.

REGULATED CONTAMINANT TEST RESULTS						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Disinfectants and Disinfectant By-Products						
Chlorine (2022)	N	1.1	ppm	4	4	Water additive used to control microbes.
Haloacetic Acids (HAA5) (2021)	N	1.3	ppb	No goal for this total	60	By-product of drinking water disinfection
Total Trihalomethanes (TTHM) (2021)	N	3.9	ppb	No goal for this total	80	By-product of drinking water disinfection.
Inorganic Contaminants						
Copper (distribution) (2021)	N	90 th percentile = 0.095	ppm	1.3	Action level = 1.3	Erosion of natural deposits; leaching from wood preservatives; corrosion of household plumbing systems
Lead (distribution) (2021)	N	0	ppb	0	Action Level = 15	Corrosion of household plumbing systems, erosion of natural deposits
Nitrate (as Nitrogen) (2022)	N	3	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

Note: Test results are for 2022 unless otherwise noted; all contaminants do not require annual testing. These are the most recent available results.

In addition to the contaminants listed above, Prostart also samples the water at the Fountain Green Mobile Home Park monthly for bacteriology. I am pleased to report that throughout 2022, the results were completely negative for coliform and e. coli.

The Fountain Green Mobile Home Park operated continuously in 2022, delivering an excellent quality of water. In addition to chlorinating our water to remove any bacteria, the Fountain Green water treatment plant utilizes tube settlers and an outflow filter to reduce sedimentation. The source water is considered hardwater, which is water high in minerals like magnesium and calcium. Hard water can cause problems with downstream equipment and fixtures and reduces cleaning agent efficiency. Caustic soda is used to precipitate magnesium and suppress calcium. This neutralizes acid gases such as carbon dioxide and hydrogen sulfide as well as increases pH enough to prevent it from being acidic. A pH below 7 is considered acidic and can contribute to plumbing corrosion, which can cause metals like lead and copper to leach into pipes. The distribution system water maintained a pH range between 6.4-7.03 throughout 2022.

The Fountain Green Mobile Home Park and Prostart are dedicated to providing reliable service to our residents, as evidenced by quickly identifying high water usage, fixing leaks as they were observed throughout the year, and arranging for additional water to be delivered to maintain consistent water volume. In November, a broken water main was quickly repaired without service interruption. Unfortunately, although we completed the required routine lead and copper

sampling on time in 2021 and communicated the results to our residents, we failed to submit the Certification of Lead Sample Result Notice to MDE. This document must be provided to MDE within three months following the end of the monitoring period in which the samples were collected to certify that we provided our residents with the results of their drinking water samples. This form has since been submitted to MDE and the Fountain Green Mobile Home Park has regained compliance.

VIOLATIONS TABLE			
Violations Type	Violation Begin	Violation End	Violation Explanation
Lead and Copper Rule; Lead Consumer Notice	1/1/2022	2022	We failed to provide the results of lead tap water monitoring to the consumers at the location water was tested. These were supposed to be provided no later than 30 days after learning the results.

Lead: Prostart also samples the water at the Fountain Green Mobile Home Park every three years for lead and copper. The next sampling event will be in 2024. Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced, or reduced. 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. Fountain Green Mobile Home Park 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 drinking 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 EPA Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/safewater/lead>.

PFAS – or 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.

Beginning in 2020, the Maryland Department of the Environment (MDE) initiated a PFAS monitoring program. PFOA and PFOS are two of the most prevalent PFAS compounds. PFOA and PFOS concentrations from samples taken from our water system on October 12, 2022, were 2.83 ppt and 4.81 ppt, respectively. Additional results for PFBS and PFHxS were 1.46 ppt and 7.25 ppt, respectively. In March 2023, EPA announced proposed Maximum Contaminant Levels (MCLs) of 4 ppt for PFOA and 4 ppt for PFOS, and a Group Hazard Index for four additional PFAS compounds. Future regulations would require additional monitoring as well as certain actions for systems above the MCLs or Hazard Index. EPA will publish the final MCLs and requirements by the end of 2023 or beginning of 2024. Additional information about PFAS can be found on the MDE website: <https://mde.maryland.gov/PublicHealth/Pages/PFAS-Landing-Page.aspx>

Thank you for allowing us to continue providing your family with clean, quality water this year. To maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all our customers. Thank you in advance for your attention to this Water Quality Report (CCR) for 2022.

