

# *Annual Drinking Water Quality Report for 2024*

## *Colonial Mill Estates Mobile Home Park*

PWSID 0220223

We're pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water 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. The sources of drinking water (both tap water and bottled water) include 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. The name of our aquifer is unknown.

This report shows our water quality and what it means.

A source water assessment plan has been prepared that provides more information such as potential sources of contamination. This plan is available thru the Wicomico County Public Library or Maryland Department of the Environment (MDE). For more information call 1-800-633-6101.

[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)

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 Robert Vanmeter at 443-523-5885. We want our residents to be informed about their water.

Colonial Mill Estates MHP 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<sup>st</sup> to December 31<sup>st</sup>, 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. 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

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:

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

*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.

*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.

*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.

TEST RESULTS						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>						
Nitrate (as Nitrogen) (2024) Highest level detected Range	N	7 7.6-7.6	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Barium (2023) Highest level detected Range	N	0.12 0.12-0.12	ppm	2	2	Discharge of drilling waste; Discharge from metal refineries; Erosion of natural deposits
Chromium (2020)	N	ND	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits
Dibromochloromethane (2021) Highest level detected Range	N	0.00127 0.00127- 0.00127	MG/L	0.06	0.1	
<b>Synthetic Organic Contaminants</b>						
Alachlor (2024) Range	N	1 0-0	ppb	0	2	Runoff from herbicide used in row crops
<b>Disinfections and disinfection by-products</b>						
Chlorine (2024) Average Highest level detected	N	0.4-0.6 0.6	ppm	4	4	Water Additive used to control microbes

<b><i>Lead and Copper</i></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) (2023)	N	0.03	0.05-0.06	ppm	1.3	AL= 1.3  Zero (0)	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (distribution) (2023)	N	1.7	0.0010-0.0022	ppb  2	0	AL= 15  Zero (0)	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

*Note: Test results are for the year 2024 or as otherwise noted. These are the most recent results available. Not all tests are required to be performed annually.*

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider.

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. Colonial Mill Estates Mobile Home Park 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 Colonial Mill Estates Mobile Home Park at 443-523-5885. 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>.

An initial Service Line Inventory was submitted to the Maryland Department of the Environment on 10/31/24. 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".

Colonial Mill Estates 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 443-523-5885  
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.

Colonial Mill Estates 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 443-523-5885.

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

Violation:

**Violations**

During the period covered by this report we had the below noted violations.

Violation Period	Analyte	Violation Type	Violation Explanation
10/16/2024 - 10/30/2024	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 - 10/30/2024	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, 2024.

Please call Robert Vanmeter at 443-523-5885 if you have questions about this report.