Annual Drinking Water Quality Report for 2024
Town of Trappe, Inc.
May, 2025
PWSID # 0200007

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 deep wells which draw from a depth of 435 feet from the Piney Point Aquifer.

We are pleased to report that our water meets currently enforceable federal and state requirements for safe drinking water.

We have a source water protection plan available from our office that provides more information such as potential sources of contamination. This plan is also available either at the Talbot County Public Library or at Maryland Department of the Environment (MDE). 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

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 Shawn Lane, Public Works Supervisor at (410-443-0087)**.** We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled town meetings. Council meetings are held on the first Wednesday of each month at the Town Hall on Powell Avenue.

The Town of Trappe 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. It's important to remember that the presence of these contaminants does not necessarily pose a health risk.

We at The Town of Trappe, Inc. work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

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 (ug/L) - 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.

TEST RESULTS						
Contaminant	Violation Y/N	Level Detected/ Range	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants						
Chromium (2021)	N	2.5	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride (2021)	N	0.38	ppm	4.0	4.0	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nickel (2021)	N	0.0012	Mg/l	0.1	0.1	Erosion of natural deposits, Leaching from metal pipes
Beta/phton emitters (2024)	N	7.6	pCi/L	0	50	Decay of natural and man-made deposits
Disinfectants and disinfectant by-products						
TTHM (Distribution) (2023) [Total trihalomethanes] Range	N	13 13.3-13.3	ppb	0	80	By-product of drinking water chlorination
HAA5 Haloacetic Acids (Distribution) (2024) Range	N	7 6.6-6.6	ppb	0	60	By-product of drinking water chlorination
Chloroform (2021)	N	0.00316	ppb	0.07	0	By-product of drinking water Chorination
Chlorine (2024) Range	N	2.4 1.9-2.4	ppm	4	4	Water additive used to control microbes
Regulated Contaminants						
DIBROMOCHLOROMETHANE (5/10/2021)	N	0.00083	MG/L	0.06	0.1	Erosion of natural deposits
RADIUM-228 (5/14/2024)	N	0.5	PCI/L	0	5	Erosion of natural deposits

Lead and Copper	Violation Y/N	90th Percentile	Range of Tap Sampling	Units	MCLG or MRDLG	(AL Limits) / # Sites Over	Likely Source of Contamination
Copper (distribution) (2023)	N	0.065	ND-ND	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	2.2	0.0050 - 0.0053	ppb	0	AL= 15 Zero (0)	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Note: Test results are for calendar year 2024 unless otherwise noted. All contaminants are not required to be tested for annually.

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.

An initial inventory of service line pipe materials located within our service area required to be submitted to the Maryland Department of the Environment (MDE) by October 16, 2024. We submitted the service line inventory report by the deadline, and the "report is available upon request".

> Trappe 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 410-443-0087.

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.

Trappe 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 410-443-0087.

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.Trappe 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 Trappe at 410-443-0087. 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.

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.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for understanding.