

2024 Consumer Confidence Report
Town of Tunica, MS
PWS: 0720004
June 2025

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water 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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the *Lower Wilcox Aquifer*. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of Tunica have received moderate rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Town of Tunica – Town Hall at 662.363.2432. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first & third Tuesdays of the month at 4:00 PM at Town Hall.

We routinely monitor contaminants in your drinking water according to Federal and State laws. This table below lists all the drinking water contaminants that were detected during the period of January 1st through December 31st, 2024. In cases where monitoring wasn't required in 2024, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. To ensure that tap water is safe to drink, EPA prescribes regulations that limit the amounts of certain contaminants in water provided by public water systems. 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 indicate that the water poses 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:

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

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - 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.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Level 1 Assessment (LV1A) - A study of a water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system

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.

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Data Table

CONTAMINANT	DATE (most recent)	MCL	MCLG	LEVEL (your water)	RANGE	VIOLATION	TYPICAL SOURCE
DISINFECTION BY-PRODUCTS (DBP) RULE							
TTHM	2024	80 ppb	n/a	0.059	17.100 – 71.400	NO	By product of drinking water disinfection
HAA5	2024	60 ppb	n/a	0.012	5.000 – 13.900	NO	By product of drinking water disinfection
MAXIMUM RESIDUAL DISINFECTANT LIMIT							
CHLORINE	2024	4.0 ppm		1.20	0.31 – 2.40	NO	Disinfection chemical
LEAD & COPPER							
LEAD	2022	0.015 ppm		0.0129	< 0.0005 – 0.0129	NO	Corrosion of household plumbing systems; erosion of natural deposits
COPPER	2022	1.3 ppm		0.407	0.0097 – 0.407	NO	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
INORGANIC CONTAMINANTS							
ANTIMONY, TOTAL	2024	0.006 ppm		< 0.005		NO	
ARSENIC	2024	0.010 ppm		< 0.005		NO	
BARIUM	2024	2.0 ppm		0.0069		NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
BERYLLIUM, TOTAL	2024	0.004 ppm		< 0.005		NO	
CADMIUM	2024	0.005 ppm		< 0.005		NO	
CHROMIUM	2024	0.1 ppm		< 0.005		NO	Discharge from steel and pulp mills; erosion of natural deposits
FLUORIDE	2024	4.0 ppm		0.18		NO	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
MERCURY	2024	0.002 ppm		< 0.005		NO	
SELENIUM	2024	0.05 ppm		< 0.0025		NO	
THALLIUM, TOTAL	2024	0.002 ppm		< 0.005		NO	
NITRATE - NITRITE							
NITRATE	2024	10 ppm		< 0.08		NO	
NITRITE	2024	1 ppm		< 0.02		NO	
NITRATE - NITRITE	2024	10 ppm		< 0.1		NO	
RADIOLOGICAL							
COMBINED URANIUM	2024	30 ppb		< 0.05		NO	
CYANIDE							
CYANIDE	2024	0.2 ppm		< 0.015		NO	

The result in the “Your Water” box is the highest LRAA (locational running annual average).
The results in the “Range” box are the range of the individual results for the year.

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Lead Educational Statement

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. The Town of Tunica, MS public water system 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 [PWS Name and Contact Information]. 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>.

The MS Public Health Laboratory (MPHL) can provide information on lead and copper testing and/or other laboratories certified to analyze lead and copper in drinking water. MPHL can be reached at 601-576-7582 (Jackson, MS).

Notices and Violations

To comply with the “Regulation Governing Fluoridation of Community Water Supplies”, the Town of Tunica Public Water System is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6 – 1.2 parts per million (ppm) was 0. The percentage of fluoride samples collected in the previous calendar year within the optimal range of 0.6 – 1.2 ppm was 0%. The number of months that samples were collected and analyzed in the previous calendar year was 1.

The Town of Tunica Public Water System received violations for failure to prepare and report the Lead Service Line Inventory (LSLI) to the MS State Department of Health, Bureau of Public Supply, by October 16, 2024, as required by the Lead and Copper Rule Revisions. We submitted the Lead Service Line Inventory on December 19, 2024.

We’re proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that the EPA has determined that your water IS SAFE at these levels. We are required to monitor your drinking water for specific contaminants monthly. Results of regular monitoring are an indicator of whether our drinking water meets health standards. To ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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 by calling the Environmental Protection Agency’s Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people such as people with cancer undergoing chemotherapy, people 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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791. The Town of Tunica works around the clock to provide top quality water for 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.