

# **Town of Coldwater, MS**

**PWSID# 0690002**

## **Water Quality Report 2024**



**Prepared by**

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325 West McKnight  
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## **Is my water safe?**

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

## **Report availability**

This report is not mailed to the residents; however, it is published annually in the local paper and is also posted in the Town Hall on the bulletin board for review.

## **Do I need to take special precautions?**

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

## **Where does my water come from?**

Our water comes from 2 wells pumping from the Sparta Aquifer.

## **Source water assessment and its availability**

Our source water assessment has been completed, and our wells were ranked LOWER in terms of susceptibility to contamination. For a copy of the report, please contact our office at (662) 622-7241.

## **Why are there contaminants in my drinking water?**

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 water poses a health risk. The wells for the Town of Coldwater have received higher susceptibility rankings to contamination. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

## **Violations**

The Town of Coldwater 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 March 19, 2025.

## **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 Coldwater 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 City Hall at 662-622-7241. 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).

### Other information

Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" may be obtained.

**Contact Person:** Tanya Carter  
**Operations Firm:** MTS, Inc.

**Emergency Contact:** (662) 622-7241  
**Fax:** (662) 622-7242

## Water Quality Data Table

The table below lists all the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

NITRATES			
CONTAMINANTS Sample Date	MCL MCLG	YOUR WATER VIOLATION (Y/N)	LIKELY SOURCE OF CONTAMINANT
NITRATE 04/30/2024	10 ppm	0.985 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
NITRITE 04/30/2024	1 ppm	< 0.02 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
NITRATE-NITRITE 04/30/2024	10 ppm	0.985 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
DISINFECTANT BY PRODUCTS			
CONTAMINANTS Sample Date	MCL MCLG	YOUR WATER VIOLATION (Y/N)	LIKELY SOURCE OF CONTAMINANT
Total Trihalomethane (TTHM) 07/30/2024	NA	8.87 ppb N	By-product of drinking water disinfection.
Total Haloacetic Acids (HAA5) 07/30/2024	NA	3.82 ppb N	By-product of drinking water disinfection.
MAXIMUM RESIDUAL DISINFECTANT LEVEL			
DISINFECTANT Sample Date	MRDL RANGE	YOUR WATER – HIGHEST QUARTER RUNNING ANNUAL AVERAGE VIOLATION (Y/N)	
CHLORINE Jan2024-Dec2024	0.16 mg/L 2.08 mg/L	1.20 mg/L N	
LEAD & COPPER			
CONTAMINANTS Sample Date	MCL MCLG	YOUR WATER VIOLATION (Y/N)	
LEAD	0.015 mg/L	0.001 mg/L	

01/01/2021-12/31/2023		N	
COPPER		0.1 mg/L	
01/01/2021- 12/31/2023	1.3 mg/L	N	
<b>INORGANICS</b>			
<b>CONTAMINANTS</b>	<b>MCL</b>	<b>YOUR WATER</b>	
<b>Sample Date</b>	<b>MCLG</b>	<b>VIOLATION (Y/N)</b>	<b>LIKELY SOURCE OF CONTAMINANT</b>
Fluoride (ppm) 12/06/2022	4 ppm	0.1 ppm N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Barium (ppm) 12/06/2022	2 ppm	< 0.0155 ppm N	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Cyanide (ppm) 09/27/2022	0.2 ppm	< 0.015 ppm N	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Chromium (ppm) 12/06/2022	0.1 ppm	0.0005 ppm N	Discharge from steel and pulp mills; erosion of natural deposits
Sodium (ppm) 11/15/2023	20 ppm	16.9 ppm N	Road salt, water treatment chemicals, water softeners, and sewage effluents

**Important Drinking Water Definitions:**

ND: **Non-Detects:** Laboratory analysis indicates that the constituent is not present.

MCLG: **Maximum Contaminant Level Goal:** 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.

MCL: **Maximum Contaminant Level:** 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.

AL: **Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Units Description:**

NA: Not applicable

ND: Not detected

NR: Not reported

MNR: Monitoring not required but recommended.

**ppm:** parts per million, or mg/l: milligrams per liter

**ppb:** parts per billion, or µg/l: micrograms per liter