

2024 Annual Drinking Water Quality Report
Central Yazoo Water Association, Inc.
PWS#: 0820004, 0820029, 0820030, 0820031 & 0820033
April 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 ensuring the quality of your water.

About Our System

Central Yazoo Water Association would like to take this opportunity to update you on our continued efforts to improve the water association service area and provide you with safe drinking water.

A new well and distribution line upgrades have been completed in 2024. We are scheduled to complete a new elevated tank and distribution line upgrade for Wilson Holmes Road by September 2025.

We have added two members to our Board of Directors, Caroyln Jefferson and Maring McGraw.

The Board of Directors and Employees are working hard to maintain, improve and upgrade our system. We cannot do this without the continued support of our members so we would like to thank each of you for your continued support. Please feel free to contact our office at 662.746.7531, should you have any questions or comments.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Mike Laborde at 662.746.7531. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the regular meetings scheduled for the second Monday of each month at 5:00 PM at the main office located at 37 Witherspoon Road, Yazoo City, MS 39194.

Source of Water

Our water source is from wells drawing from the Sparta Sand and the Meridian Upper 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 Central Yazoo Water Association, Inc. have received lower to moderate susceptibility rankings to contamination.

Period Covered by Report

We routinely monitor for contaminants in your drinking water according to federal and state laws. This report is based on results of our monitoring period of January 1st to December 31st, 2024. In cases where monitoring wasn't required in 2024, the table reflects the most recent testing done in accordance with the laws, rules, and regulations.

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. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount 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.

Terms and Abbreviations

In the table you may find unfamiliar 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 that a water system must follow.

LSLI: Lead Service Line Inventory

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 the 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 addition of a disinfectant is necessary to control microbial contaminants.

PWS#:0820029									TEST RESULTS		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination			
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff. Industrial or domestic wastewater discharges, oil and gas production, mining, or farming.											
10. Barium	N	2022*	.039	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits			
14. Copper	N	2021/23*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives			
16. Fluoride	N	2022*	.133	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories			
17. Lead	N	2021/23*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits			
Sodium	N	2023*	82.8	No Range	ppm	20		Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.			
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.											

81. HAA5	N	2024	12.8	4.9 – 12.8	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2024	29.6	4.79 – 29.6	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2024	1.6- RAA	1 – 1.8	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2024.

PWS#:0820030 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff. Industrial or domestic wastewater discharges, oil and gas production, mining, or farming.								
10. Barium	N	2024	.0013	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2024	3.2	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2021/23	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2024	.106	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2021/23*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2023*	100	No Range	ppm	20		Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.								
81. HAA5	N	2024	18.1	10.7 - 18.1	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2024	46.9	27.4 – 46.9	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2024	1.5 - RAA	.7 – 2	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2024.

PWS#:0820031 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff. Industrial or domestic wastewater discharges, oil and gas production, mining, or farming.								
10. Barium	N	2022*	.0123	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2021/23*	.7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022*	.602	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2021/23*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2023*	251	No Range	ppm	20		Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.								
81. HAA5	N	2024	42.4	11.2 – 42.4	ppb	0	60	By-Product of drinking water disinfection.

82. TTHM [Total trihalomethanes]	N	2024	68.93	13.3 – 68.93	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2024	1.5- RAA	.7 – 1.8	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2024

<div> <div>PWS#:0820033</div> <div>TEST RESULTS</div> </div>								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff. Industrial or domestic wastewater discharges, oil and gas production, mining, or farming.								
10. Barium	N	2022*	.011	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2021/23*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.101	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2021/23*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2023*	80.2	No Range	ppm	20		Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.								
81. HAA5	N	2024	10.3	2.72 – 10.3	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2024	21.4	5.6 – 21.4	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2024	1.3 - RAA	.6 – 1.7	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2024.

Sodium. EPA recommends that drinking water sodium not exceed 20 milligrams per liter (mg/L). Excess sodium from salt in the diet increases the risk of high blood pressure and cardiovascular disease.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

In addition to the above contaminants, we tested for additional chemicals for which the state and EPA have set standards. We found no detectable levels of those chemicals.

LEAD EDUCATIONAL STATEMENT

Lead can cause serious health problems, especially for pregnant women and your children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Central Yazoo Water Association 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 our water system. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure are available at <https://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.

Central Yazoo Water Association has completed the Lead Service Line Inventory, and no lead lines were found. The methods used to make that determination were visual inspections, water operator knowledge and archived records. This inventory report is available for viewing at our office upon request.

BOIL WATER NOTICE

When Central Yazoo Water Association issues a water related notice, it is displayed on the MSDH website and by phone calls through IRIS notifications. You may go to https://msdh.ms.gov/page/23_0_1048.html for more information about current notices.

FLUORIDE INFORMATION

Central Yazoo Water Association (PWS ID 0820004, 0820029, 0820030, 0820031, 0820033), no longer adds fluoride to the drinking water system. Consult with your dentist, regarding this change with your water supply. They may propose additional supplements and suggest different treatment schedules. If you have children (starting at 6 months of age), their dentist may have alternative treatment suggestion to ensure the proper development of teeth as they grow. Be sure to talk to your dentist about in-office fluoride applications or dietary supplements. These necessary treatments may come at an increase cost.

VIOLATIONS

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements.

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. 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 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 1.800.426.4791.

The Central Yazoo Water Association, Inc. works 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.

PROOF OF PUBLICATION OF NOTICE
The State of Mississippi
County of YAZOO

Personally appeared before me, the undersigned Notary Public in and for the County and State aforesaid **JAMIE PATTERSON**, who being by me first duly sworn state on oath, that she is **EDITOR/PUBLISHER** of the **THE YAZOO HERALD**, a newspaper published in the City of Yazoo City, State and County aforesaid, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper 1 times as follows.

Vol. No. 153
Number 48
Dated 04/30, 20 25

Vol. No. _____
Number _____
Dated _____, 20 _____

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Affiant further states that said newspaper has been established for at least twelve months next prior to the first publication of said notice.

(Signed) Jamie Patterson
Jamie Patterson
Editor/Publisher

Sworn to and subscribed before me, this 30th day of April, 20 25

(Signed) Sheila D. Trimm-Young
Sheila D. Trimm-Young
Classified Manager/Notary Public



ID# 60255
(SEAL) My Commission Expires:
July 21, 2028

Legal Number 6x16 mm
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Proof of Publication \$ 3 -
Total Amount \$ 1059 -

2024 ANNUAL DRINKING WATER QUALITY REPORT CENTRAL YAZOO WATER ASSOCIATION, INC.

**PWS#: 0820004, 0820029, 0820030,
0820031 & 0820033**

APRIL 2025

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Source of Water

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Terms and Abbreviations

In the table you may find unfamiliar 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 that a water system must follow.

LSL: Lead Service Line Inventory

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 the MCLGs as feasible without 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 addition of a disinfectant is necessary to control microbial contamination.

Maximum Residual Disinfectant Level Goal (MRDLG): The goal of drinking water disinfection below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

Parts per billion (ppb) or micrograms per liter (µg/L): one part by weight of analyte to 1 billion parts by weight of the water sample.

Parts per million (ppm) or milligrams per liter (mg/L): one part by weight of analyte to 1 million parts by weight of the water sample.

RAA: Running Annual Average

PWS#:0820004 TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit Measurement	MCLG	MCL	AL	Primary Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.									
10 Barium	N	2023	0.034	No Range	ppm	2	2		Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits.
14 Copper	N	2021/23	2	0	ppm	1.3	AL=1.3		Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.
16 Fluoride	N	2022	126	No Range	ppm	4	4		Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.
17 Lead	N	2021/23	1	0	ppb	0	AL=15		Corrosion of household plumbing systems, erosion of natural deposits.
Sodium	N	2022	76.1	74.7-79.1	ppm	20			Road Salt, Water Treatment, Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.									
81 HAA5	N	2024	11	2.19-11	ppb	3			By-product of drinking water disinfection.
82 THM5 (Total Trihalomethanes)	N	2024	23.6	1.03-23.6	ppb	3			By-product of drinking water disinfection.
Chlorine	N	2024	1.6 RAA	1-2.1	ppm	0	MRDL=4		Water additive used to control microbes.

* Most recent sample. No sample required for 2025

PWS#:0820029 TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit Measurement	MCLG	MCL	AL	Primary Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.									
10 Barium	N	2022	0.99	No Range	ppm	2	2		Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits.
14 Copper	N	2021/23	0	0	ppm	1.3	AL=1.3		Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.
16 Fluoride	N	2022	133	No Range	ppm	4	4		Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.
17 Lead	N	2021/23	1	0	ppb	0	AL=15		Corrosion of household plumbing systems, erosion of natural deposits.
Sodium	N	2023	82.8	No Range	ppm	20			Road Salt, Water Treatment, Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.									

81 HAA5	N	2024	12.3	4.2-12.3	ppb	0			By-product of drinking water disinfection.
82 THM5 (Total Trihalomethanes)	N	2024	25.6	4.79-25.6	ppb	0			By-product of drinking water disinfection.
Chlorine	N	2024	1.6 RAA	1-1.8	ppm	0	MRDL=4		Water additive used to control microbes.

* Most recent sample. No sample required for 2025

PWS#:0820030 TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit Measurement	MCLG	MCL	AL	Primary Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.									
10 Barium	N	2024	0.013	No Range	ppm	2	2		Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits.
14 Copper	N	2021/23	1	0	ppm	1.3	AL=1.3		Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.
16 Fluoride	N	2024	108	No Range	ppm	4	4		Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.
17 Lead	N	2021/23	1	0	ppb	0	AL=15		Corrosion of household plumbing systems, erosion of natural deposits.
Sodium	N	2023	160	No Range	ppm	20			Road Salt, Water Treatment, Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.									
81 HAA5	N	2024	18.1	10.7-18.1	ppb	0			By-product of drinking water disinfection.
82 THM5 (Total Trihalomethanes)	N	2024	46.8	27.4-46.9	ppb	0			By-product of drinking water disinfection.
Chlorine	N	2024	1.5 RAA	1-2	ppm	0	MRDL=4		Water additive used to control microbes.

* Most recent sample. No sample required for 2025

PWS#:0820031 TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit Measurement	MCLG	MCL	AL	Primary Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.									
10 Barium	N	2023	0.013	No Range	ppm	2	2		Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits.
14 Copper	N	2021/23	2	0	ppm	1.3	AL=1.3		Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.
16 Fluoride	N	2022	902	No Range	ppm	4	4		Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.
17 Lead	N	2021/23	1	0	ppb	0	AL=15		Corrosion of household plumbing systems, erosion of natural deposits.
Sodium	N	2023	261	No Range	ppm	20			Road Salt, Water Treatment, Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.									
81 HAA5	N	2024	42.4	11.2-42.4	ppb	0			By-product of drinking water disinfection.
82 THM5 (Total Trihalomethanes)	N	2024	50.33	13.5-50.33	ppb	0			By-product of drinking water disinfection.
Chlorine	N	2024	1.5 RAA	1-1.8	ppm	0	MRDL=4		Water additive used to control microbes.

* Most recent sample. No sample required for 2025

PWS#:0820033 TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit Measurement	MCLG	MCL	AL	Primary Source of Contamination
Inorganic Contaminants – Salts and metals which can occur naturally in the soil or groundwater or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.									
10 Barium	N	2022	0.01	No Range	ppm	2	2		Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits.
14 Copper	N	2021/23	1	0	ppm	1.3	AL=1.3		Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.
16 Fluoride	N	2022	101	No Range	ppm	4	4		Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.
17 Lead	N	2021/23	1	0	ppb	0	AL=15		Corrosion of household plumbing systems, erosion of natural deposits.
Sodium	N	2023	80.2	No Range	ppm	20			Road Salt, Water Treatment, Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products – Substances formed when disinfectants, like Chlorine, used to treat drinking water react with naturally occurring materials in the water.									
81 HAA5	N	2024	10.3	2.72-10.3	ppb	0			By-product of drinking water disinfection.
82 THM5 (Total Trihalomethanes)	N	2024	21.4	5.6-21.4	ppb	0			By-product of drinking water disinfection.
Chlorine	N	2024	1.5 RAA	1-1.8	ppm	0	MRDL=4		Water additive used to control microbes.

* Most recent sample. No sample required for 2025

See an EPA approved lab (MSL) for testing of lead and copper. EPA requires that lead and copper be tested in homes with lead service lines and lead solder. See <https://www.epa.gov/lead-and-copper-testing> for more information.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

In addition to the above contaminants, we tested for additional chemicals for which the state and EPA have set standards. We found no detectable levels of these chemicals.

LEAD EDUCATIONAL STATEMENT

Lead can cause serious health problems, especially for pregnant women and your children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Central Yazoo Water Association 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. Using a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute approved supplier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact our water system. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure are available at <https://www.epa.gov/lead-and-copper-testing>. The MS State Health Laboratory (MSHL) can provide information on lead and copper testing and/or other laboratories certified to analyze lead and copper in drinking water. MSHL can be reached at 601.576.7532.

Central Yazoo Water Association has completed the Lead Service Line Inventory, and no lead lines were found. The methods used to make that determination were visual inspections, water operator knowledge and archived records. This inventory report is available for viewing at our office upon request.

BOIL WATER NOTICE

When Central Yazoo Water Association issues a water related notice, it is displayed on the MSHL website and by phone calls through 601.576.7531. You may go to <https://www.cyzoo.org> for more information about current notices.

FLOODING INFORMATION

Central Yazoo Water Association (PWS# 0820004, 0820029, 0820030, 0820031, 0820033) – no longer acts as the drinking water system. Contact with your district, regarding this change with your water supply. They may provide additional supplements and suggest different treatment schedules. If you have children (starting at 6 months of age), their dental may have alternative treatment suggestions to ensure the proper development of teeth as they grow. Be sure to ask your dentist about fluoride fluoride applications or dietary supplements. These necessary treatments may come at an increased cost.

VIOLATIONS

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. These substances can be inorganic or organic chemicals and radioactive materials. 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. Immunocompromised 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 at 1.800.426.4791.

The Central Yazoo Water Association, Inc. works 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.