2024 Annual Drinking Water Quality Report
Town of Blue Mountain
PWS#: 0700001
May 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.

Contact & Meeting Information
If you have any questions about this report or concerning your water utility, please contact Amanda L. Chism at 662.685.4721. 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 meetings. They are held on the first Monday of each month at 6:00 PM at the Blue Mountain City Hall.

Source of Water
Our water source is from wells drawing from the Coffee Sand 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 our system 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.

Locational Running Annual Average(LRAA): The average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.

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.

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.

Parts per billion (ppb) or micrograms per liter (ug/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

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	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	.161	.128 - .161	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2021/23*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2024	2	.175 - 2	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2021/23*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2023*	36.5	36.2 – 36.5	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	.001 - LRAA	0 – 3.26	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2024	.003 - LRAA	0 – 3.26	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2024	1.3 - RAA	.57 – 2.05	mg/l	0	MRDL = 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. Our 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 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.

Our system 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.

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 Town of Blue Mountain 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.

Certification

Water systems serving 10,000 or more must use: **Distribution Method I** Water systems serving 500 - 9,999 must use: **Distribution Method I OR** **Distribution Method II, III, and IV** Water system serving less than 500 people must use: **Distribution Method I OR** **Distribution Method II, III, and IV OR** **Distribution Method III and IV**	OFFICE USE ONLY
Public Water Supply name(s): Town of Blue Mountain	7-digit Public Water Supply ID #(s): 0700001

Distribution (Methods used to distribute CCR to our customers)	
☑ **I.** CCR directly delivered using one or more method below:	
☑ *Provided direct Web address to customer ☐ Hand delivered ☐ Mail paper copy ☐ Email	*Add direct Web address (URL) here: https://msrwa.org/2024CCR/BlueMtn.pdf Example: *"The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf, call (000) 000-0000 for paper copy".*
☐ **II.** Published the complete CCR in the local newspaper.	Date(s) published:
☐ **III.** Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).	Date(s) notified: Location distributed:
☐ **IV.** Post the complete CCR continuously at the local water office. ☐ **"Good Faith Effort"** in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	Date: Locations posted:

Certification		
This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule.		
Name: Amanda L. Chism	Title: City Clerk	Date: 5/19/2025

Submittal
Email the following required items to water.reports@msdh.ms.gov regardless of distribution methods used. 1. CCR (Water Quality Report) 2. Certification 3. Proof of delivery method(s)

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010000802	04/15	05/14

SERVICE ADDRESS

108 EAST MILL ST

METER READINGS CURRENT	PREVIOUS	USED
1371060	1367370	3690

CHARGE FOR SERVICES

WTR	18.06
SWR	15.35
GRB	12.00
NET DUE >>>	45.41
SAVE THIS >>	4.54
GROSS DUE >>	49.95

FORMSINK, LLC - FOR REORDER CALL 1-800-223-4460

TOWN OF BLUE MOUNTAIN
WATER DEPT.
P.O. BOX 188
BLUE MOUNTAIN, MS 38610

FIRST-CLASS MAIL
U.S. POSTAGE
PAID
PERMIT NO. 116
BLUE MOUNTAIN, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2025	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
45.41	4.54	49.95

The 2024 CCR is available at:
msrwa.org/2024CCR/Bluemt.pdf

RETURN SERVICE REQUESTED

010000802
JAMES L. COUCH

108 EAST MILL STREET
BLUE MOUNTAIN, MS 38610

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010000901	04/15	05/14

SERVICE ADDRESS

111 EAST MILL ST

METER READINGS CURRENT	PREVIOUS	USED
1995440	1991210	4230

CHARGE FOR SERVICES

WTR	19.68
SWR	16.73
GRB	12.00
NET DUE >>>	48.41
SAVE THIS >>	4.84
GROSS DUE >>	53.25

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PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2025	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
48.41	4.84	53.25

The 2024 CCR is available at:
msrwa.org/2024CCR/Bluemt.pdf

RETURN SERVICE REQUESTED

010000901
LEON (house) ENZOR

P. O. BOX 81
BLUE MOUNTAIN, MS 38610

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010000902	04/15	05/14

SERVICE ADDRESS

111 EAST MILL ST

METER READINGS CURRENT	PREVIOUS	USED
2514010	2505860	8150

CHARGE FOR SERVICES

WTR	31.44
NET DUE >>>	31.44
SAVE THIS >>	3.14
GROSS DUE >>	34.58

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BLUE MOUNTAIN, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2025	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
31.44	3.14	34.58

The 2024 CCR is available at:
msrwa.org/2024CCR/Bluemt.pdf

RETURN SERVICE REQUESTED

010000902
LEON (yard) ENZOR

P. O. BOX 81
BLUE MOUNTAIN, MS 38610