

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): Marshall County Water Assn	7-digit Public Water Supply ID #(s): 0470105
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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:
www.marshallcountyywaterassn.com/quality-report
 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:
 Thursday, May 11, 2023

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:
 Newspaper, water bills, office windows

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:
 512 Wingo Rd.

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: Hannah Chauffe	Title: office manager	Date: 4-17-23
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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)

2022 Annual Drinking Water Quality Report
Marshall County Water Association
PWS#: 0470105
May 2023

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

Marshall County Water Association is a Class C water system operating in Marshall County, MS. We currently serve approximately 1700 customers including residential, commercial, and manufacturing. Our infrastructure includes four wells, two treatment plants, and four elevated tanks. MCWA is expanding by extending water mains on the East side of our system along Red Banks Road and Mt. Zion road with additional plans to extend service east of Gateway Global Drive on HWY 72. A 3% rate increase was implemented this year due to the increased cost of operations and materials. MCWA strives to provide our members with the highest quality and most affordable water possible.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact David Meadows at 901.258.9733. 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 third Thursday of each month at 8:30 AM at 512 Wingo Rd, Byhalia, MS 38611.

Source of Water

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 Marshall County Water Association have received a lower susceptibility ranking 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, 2022. In cases where monitoring wasn't required in 2022, 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.*

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: *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.

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								
10. Barium	N	2022	.0088	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2019/21*	.8	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2019/21*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2022	2.18	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
Chlorine	N	2022	1.2	1.1 – 1.5	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2022.

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 an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

LEAD INFORMATION

If present, elevated levels of 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. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

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. We have learned through our monitoring and testing that some contaminants have been detected, however the EPA has determined that your water IS SAFE at these levels.

UNREGULATED CONTAMINANTS

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

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 Marshall County Water Association is committed to providing our customers with the best water. We 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.

PROOF OF PUBLICATION

STATE OF MISSISSIPPI
MARSHALL COUNTY

Personally appeared before me, the undersigned Notary Public in and for said County and State, Estelle Whitehead, who, after being duly sworn, deposes and says that she is the of editor THE SOUTH REPORTER, a newspaper published weekly in the City of Holly Springs, in said County and State; that said newspaper has been established in said city for more than 12 months, and has since its said establishment been regularly published in said city; and that the _____

Marshall County Water Association

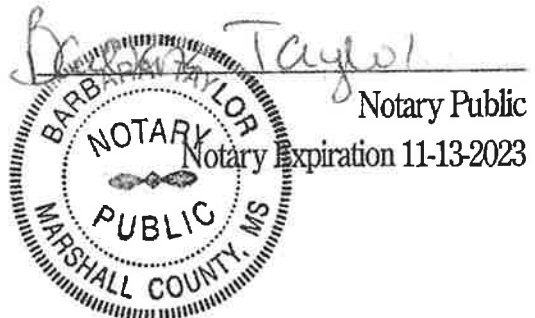
Water Report

a true copy of which is hereto attached, was published for 1 consecutive weeks in said newspaper as follows:

VOL.	NO.	DATE	
<u>158</u>	<u>19</u>	<u>May 11</u>	<u>2023</u>
_____	_____	_____	<u>2023</u>
_____	_____	_____	<u>2023</u>
_____	_____	_____	<u>2023</u>
_____	_____	_____	<u>2023</u>

Signed: _____

Estelle Whitehead
Sworn to and subscribed before me this 11 day of
May _____, 2023.





MARSHALL COUNTY WATER ASSOCIATION
 512 WINGO ROAD
 BYHALIA, MISSISSIPPI 38611
 (662) 890-7415

RETURN SERVICE REQUESTED

PRESORTED
 FIRST-CLASS MAIL
 U.S. POSTAGE
 PAID
 BYHALIA, MS 38611
 PERMIT NO. 33

1154

SERVICES	Current	Meter Readings Previous	Usage	CHARGES
Water	95100	93300	1800	26.46
Regulatory & Main				2.00
Fed Pure				0.15
Total Due				\$28.61
*** After Due Date Penalty 2.66				\$ 31.27

CUSTOMER ACCOUNT	1154
TOTAL DUE UPON RECEIPT	28.61

DUE DATE PAST DUE AFTER THIS DATE	6/10/2023
AFTER DUE DATE PAY	31.27

BILLS DUE BY THE 1ST OF EACH MONTH

MAIL THIS STUB WITH YOUR PAYMENT

Check here if you would like to receive a copy of MCWA's Water Quality Report

JAMES MAY
9 BROOKS COVE
BYHALIA MS 38611

Last payment received 5/5/23 for \$28.61.

Visit www.marshallcountywaterassn.com/water-quality-report
 To view our current Water Quality Report.

From 4/11/2023 TO
 5/12/2023

1
 QB • 01-22



MARSHALL COUNTY WATER ASSOCIATION
 512 WINGO ROAD
 BYHALIA, MISSISSIPPI 38611
 (662) 890-7415

RETURN SERVICE REQUESTED

PRESORTED
 FIRST-CLASS MAIL
 U.S. POSTAGE
 PAID
 BYHALIA, MS 38611
 PERMIT NO. 33

1818

SERVICES	Current	Meter Readings Previous	Usage	CHARGES
Water	425200	419000	6200	61.49
Regulatory & Main				2.00
Late Charge				6.85
Fed Pure				0.15
Past Due				\$70.45
Total Due				\$140.94
*** After Due Date Penalty 6.85				\$ 147.79

CUSTOMER ACCOUNT	1818
TOTAL DUE UPON RECEIPT	140.94

DUE DATE PAST DUE AFTER THIS DATE	6/10/2023
AFTER DUE DATE PAY	147.79

BILLS DUE BY THE 1ST OF EACH MONTH

MAIL THIS STUB WITH YOUR PAYMENT

Check here if you would like to receive a copy of MCWA's Water Quality Report

DONNA SISK
35 BAILEY DR.
OLIVE BRANCH MS 38654

Last payment received 4/12/23 for \$242.97.

Visit www.marshallcountywaterassn.com/water-quality-report
 To view our current Water Quality Report.

From 4/11/2023 TO
 5/11/2023