

2023 JUN 28 PM 3:49

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): <i>West Madison Utility District</i>	7-digit Public Water Supply ID #(s): <i>MS0450016</i>
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Distribution (Methods used to distribute CCR to our customers)

I. CCR directly delivered using one or more method below:

<input checked="" type="checkbox"/> *Provided direct Web address to customer <input type="checkbox"/> Hand delivered <input type="checkbox"/> Mail paper copy <input type="checkbox"/> Email	*Add direct Web address (URL) here: <i>See next page</i> Example: "The current CCR is available at www.waterworld.org/ccr/May2023/0830001.pdf call (000) 000-0000 for paper copy".
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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. Date(s) notified:
6/28/2023

List method(s) used (examples – newspaper, water bills, newsletter, etc.):
on water bills

IV. Post the complete CCR continuously at the local water office. Date: *6/12/2023*

"Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)
Locations posted: *West Madison Utility Office*

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: <i>Tiffany Coors</i>	Title: <i>Office Manager</i>	Date: <i>6/9/2023</i>
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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)

https://wmud.myruralwater.com/documents/971/West_Madison2023_CCR_5_.pdf

2022 Annual Drinking Water Quality Report
WEST MADISON UTILITY DISTRICT
PWS ID# 0450016
June 2023

RECEIVED
MSDH-WATER SUPPLY
2023 JUN 28 PM 3:49

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. 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 and to providing you with this information, because informed customers are our best allies. Our water source is groundwater. Our water source draws from the Sparta aquifer.

Contact and Meeting Information

If you have any questions about this report or concerning your water, please contact Larry Bennett at (601)879-9718. 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 at 6:00 P.M. on the second Tuesday of each month at the Kearney Park Community.

Source of Water

A Source Water Assessment has been completed for our public water system to determine the overall susceptibility of the drinking water supply and to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water supply and is available upon request. The wells for West Madison Utility District have received moderate to higher susceptibility rankings to contamination.

Covered Period by Report

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The table below lists all the drinking water contaminants that we detected in the last round of sampling for the contaminant group. Unless otherwise noted the data presented in this table is from testing done January 1 through December 31, (2022). As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. All drinking water, including bottled water may be expected to contain at least small amounts of some constituents. The presence of contaminants does not necessarily indicate that water poses a health risk.

Terms and Abbreviations

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 (AL) – the concentration of contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level – 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 – 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.

2022 Annual Drinking Water Quality Report
WEST MADISON UTILITY DISTRICT
PWS ID# 0450016
June 2023

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

Parts per billion (ppb) or Micrograms per liter – one part by weight of analyte to 1 billion parts by weight of the water sample.

Inorganic Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range of detects or # of samples exceeding MCL/ACL	MCLG	MCL	Likely Source of Contamination
10. Barium (ppm)	2020	N	0.0271	No Range	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium (ppb)	2020	N	10	0.7 – 10	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper (ppm)	2018/20*	N	0.2	0	1.3	AL=1.3	Corrosion of household plumbing systems, erosion of natural deposits
17. Lead (ppb)	2018/20*	N	4	0	0	AL = 15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfectants and Disinfection Byproducts Contaminants

81. HAA5 (ppb)	2022	N	9.25	No Range	0	60	By-product of drinking water disinfection
82. TTHM (ppb)	2022	N	4.71	No Range	0	80	By-product of drinking water disinfection
Chlorine (ppm)	2022	N	1.20	1.10 – 1.21	0	MRDL = 4	Water additive used to control microbes

Unregulated Contaminants

Sodium (ppb)	2022	N	87.2	No Range	20	None	Road Salt, Water treatment Chemicals, Water Softeners and Sewage Effluents
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*Most recent sample. No sample required for 2022.

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 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 samples prior to the end of monitoring period.

2022 Annual Drinking Water Quality Report
WEST MADISON UTILITY DISTRICT
PWS ID# 0450016
June 2023

Violations

Our system had no violations as you can see by the table above. We are proud that your drinking water meets all State and Federal requirements. Some contaminants may have been detected; however your water is safe at these levels according to EPA.

Lead Information

If present, elevated levels of lead can cause serious health problems, especially for pregnant woman and your children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The West Madison Utility District 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 Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

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.

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 posed 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 (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 (800-426-4791).

The West Madison Utility District 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.

2022 Annual Drinking Water Quality Report
Town of Ashland
PWS#: 0050001
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.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Jesse Craig Wilbanks at 662.587.4116. 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 Tuesday of the month at 6:00 PM at the Ashland Town Hall.

Source of Water

Our water source is from wells drawing from the Ripley 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 Ashland have received a lower ranking in terms of susceptibility 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/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2022	1.4	.9 – 1.4	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2022	.0601	.0511 - .0601	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2020/22	.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	.117	.112 – .117	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2020/22	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2021*	9.82	9.49 – 9.82	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2022	2.96	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2022	2.21	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2022	1.5	.83 – 2.09	mg/l	0	MRDL = 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 Town of Ashland 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.

WEST MADISON UTILITY
 PO BOX 27
 FLORA, MS 39071
 (601) 879-9718

FIRST-CLASS MAIL
 US POSTAGE PAID
 Flora MS
 PERMIT NO.3

271 6/27/2023 3002 MADISON STREET

SERVICES	Current	Meter Readings Previous	Usage	CHARGES
Water	135010	131640	3370	31.85
Sewer				26.85
Light Charge				1.40
Total Due				\$60.10
***After Due Date Penalty	15.00		\$ 75.10	***

CUSTOMER ACCOUNT	DUE DATE PAY DUE AFTER THIS DATE
271	7/10/2023
TOTAL DUE UPON RECEIPT	AFTER DUE DATE PAY
60.10	75.10

MAIL THIS STUB WITH YOUR PAYMENT

Last payment received 6/7/23 for \$53.00.

FLORA MS 39071-9714

Please pay by the 10th to avoid \$15 late penalty.
 The 2023 CCR Report can be found on the website:
https://wmud.myruralwater.com/documents/971/West_Madison2023_CCR_5_.pdf