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Certification

<u>Water systems serving 10,000 or more must use:</u> Distribution Method I <u>Water systems serving 500 - 9,999 must use:</u> Distribution Method I OR Distribution Method II, III, and IV <u>Water system serving less than 500 people must use:</u> 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>Town of Merigold</i>	7-digit Public Water Supply ID #(s): <i>0060012</i>	
Distribution (Methods used to distribute CCR to our customers)		
<input type="checkbox"/> I. CCR directly delivered using one or more method below:		
<input 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:	
	Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf call (000) 000-0000 for paper copy".	
<input checked="" type="checkbox"/> II. Published the complete CCR in the local newspaper.	Date(s) published:	
<input type="checkbox"/> 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:	
<input type="checkbox"/> IV. Post the complete CCR continuously at the local water office. <input type="checkbox"/> "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: <i>Albert Jupkin JR</i>	Title: <i>Operator</i>	Date: <i>06/26/23</i>
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
Town of Merigold
PWS#: 0060012
June 2023

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2023 JUN 21 AM 8:32

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 Albert Junkin at 662.719.3868. 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 Tuesday of each month at 4:30 PM at the Town Hall.

Source of Water

Our water source is from wells drawing from the Sparta 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 a moderate 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	.0065	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2020/22	.6	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.245	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2020/22	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2021*	140	138 - 140	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2022	5.79	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2022	2.07	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2023	.8	.08 - 1.2	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2021.

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 Merigold 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.

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of the water you receive from the Bolivar Water Treatment Plant. We've included information on the quality of drinking water, the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Contact a Meeting Information
 If you have any questions or need more information, please contact Albert Jankis at 662.719.2888. We want our customer 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 Tuesday of each month at 6:30 PM at the Town Hall.

Source of Water
 Our water source is from wells drawing from the Sparta 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 outlining detailed information on how the susceptibility assessments were made has been furnished to our public water system and is available for viewing upon request. The wells for our system have received a minimum susceptibility rating of 1 (low).

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. Any monitoring system required in 2022, the data reflects the most recent testing from its monitoring period. If you have any questions, please contact the Public Works Department at 662.719.2888.

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 surface of the land, agricultural practices, operations, and activities, industrial processes, such as acids and metals, which can be naturally occurring or produced by human activities. Household, industrial, and commercial activities, such as car washing, oil and gas production, painting, pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses, operations, and activities, can also contribute to the contamination of water. Some of the most common contaminants found in drinking water are lead, copper, iron, manganese, and zinc. These metals 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 naturally expected to contain at least small amounts of some water system 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 Goal (MCLG): The Maximum Allowable (MCLG) is the highest level of a contaminant that is allowed in drinking water. MCLGs do not take into account the variability in the MCLGs as measured using the best available treatment technology.

Maximum Contaminant Level (MCL): The MCL (MCL) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLs allow for a margin of safety.

Maximum Disinfectant Residual Level Goal (MDRLG): 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 to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per Million (ppm) or Micrograms per Liter (µg/L): one part by weight of sample to 1 million parts by weight of the water sample.

TEST RESULTS

Contaminant	Violation	Date Collected	Level Detected	Range of Disinfectant Residuals (MCLG/MCL)	Unit	MCLG	MCL	Usage Source of Contamination
Inorganic Contaminants								
10 Arsenic	N	2/22/22	0.005	No Sample	ppm	2	2	Discharge of drilling water, discharge from irrigation system, and discharge from residential use.
14 Copper	N	2/23/22	6	0	ppm	1.3	AL=1.3	Corrosion of residential plumbing system, residue of natural deposits, and discharge from irrigation system.
18 Fluoride	N	2/22/22	2.65	No Sample	ppm	4	4	Residue of natural deposits, and discharge from irrigation system.
17 Lead	N	2/23/22	1	0	ppm	0	AL=15	Corrosion of residential plumbing system, corrosion of natural deposits.
Unregulated Contaminants								
Secbutyl	N	2/22/22	143	143 - 143	ppm	20	0	Food Use, Water Treatment Chemicals, Water Softeners and Other Chemicals
Disinfection By-Products								
81 Trihalomethanes	N	2/22/22	0.75	No Sample	ppb	0	0	By-product of drinking water disinfection.
82 Haloacetic Acids	N	2/22/22	2.81	No Sample	ppb	0	0	By-product of drinking water disinfection.
Total Disinfection By-Products	N	2/22/22	0	0.8 - 1.2	mg/l	0	0	Water actively used to control microbial

LEAD INFORMATION
 In present, elevated levels of lead can cause health problems, especially for pregnant women and young children. Lead in drinking water is most likely to come from lead-based solder in faucets and other plumbing, from lead pipes, and from lead-based solder in faucets and other 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 by flushing for half an hour before using the water for drinking or cooking. If you are concerned about lead in your water, you should use one of the following methods to reduce the lead in your drinking water: 1) flush your tap for 30 seconds to 2 minutes before using water for drinking or cooking; 2) use cold water for drinking or cooking; 3) use a certified lead-reducing water filter; 4) use bottled water that is certified to be lead-free. For more information on lead in drinking water, please contact the Mississippi State Department of Health Public Health Laboratory offices listed below. Please contact 601.276.7592 if you wish to have your water tested.

VIOLATIONS
 No violations by the state, our system had no violations. While good 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 standards are warranted.

The Bolivar Bulet

Editor: Corbin S. Wood, Publisher

PROOF OF PUBLICATION

STATE OF MISSISSIPPI, COUNTY OF BOLIVAR

SCOTT COOPWOOD, Publisher of THE BOLIVAR BULLET, weekly newspaper and published in the City of Cleveland, deposes and says that the annexed printed copy is a true copy that was published in said paper on the following dates:

June 21, 2023

Sworn to and subscribed before me this the 22 day of June, 2023.

Scott Cooperwood
 Publisher

