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MSDH-WATER SUPPLY  
2023 JUN 20 PM 1:54

# 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>Improve Water Assn.</i>	7-digit Public Water Supply ID #(s):  <i>74 0002</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>https://www.improvewater.com/documents/i</i> Example: "The current CCR is available at <i>www.waterworld.org/ccrMay2023/0830001.pdf</i> 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. List method(s) used (examples -- newspaper, water bills, newsletter, etc.). Date(s) notified:  
*5-26-23*

IV. Post the complete CCR continuously at the local water office. Date: *5-21-23*

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

**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>Susan Singhee</i>	Title: <i>Office Professional</i>	Date: <i>6-20-23</i>
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**Submittal**

Email the following required items to [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov) regardless of distribution methods used.

1. CCR (Water Quality Report)      2. Certification      3. Proof of delivery method(s)

2021 Annual Drinking Water Quality Report  
 Improve Water Association, Inc.  
 PWS#: 740002  
 April 2022

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.

If you have any questions about this report or concerning your water utility, please contact Dana Pittman at 601.876.5388. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the meeting scheduled for the second Tuesday of each month at 12:00 PM at the Improve Water Association Office, 227 Sawmill Rd, Sandy Hook, MS 39478.

Our water source is from wells drawing from the Miocene Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified 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 Improve Water Association have received lower susceptibility rankings to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. 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.

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** - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which 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 million (ppm) or Milligrams per liter (mg/l)** - one part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

**Picocuries per liter (pCi/L)** - picocuries per liter is a measure of the radioactivity in water.

<b>TEST RESULTS</b>								
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
<b>Radioactive Contaminants</b>								
5. Gross Alpha	N	2019*	2.3	No Range	pCi/L	0		15 Erosion of natural deposits
6. Radium 226 Radium 228	N	2019*	.86 1.7	No Range	pCi/L	0		5 Erosion of natural deposits

<b>Inorganic Contaminants</b>									
10. Barium	N	2021	.0237	No Range	ppm	2	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
16. Fluoride	N	2021	.632	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories	
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits	
19. Nitrate (as Nitrogen)	N	2021	1.05	.46 – 1.05	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
Sodium	N	2019*	17000	4800 - 17000	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.	
<b>Disinfection By-Products</b>									
Chlorine	N	2021	.81	.81 – 1.1	mg/l	0	MDRL = 4	Water additive used to control microbes	

\* Most recent sample. No sample required for 2021.

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.

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.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 92%.

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>.

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 Improve Water Association 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.

ACCOUNT NO.	MEMBER NAME	SERVICE TO
010002000	04/27	05/25
SERVICE ADDRESS		
1445 HWY. 48 EAST		
CURRENT	METER READINGS PREVIOUS	USED
331570	324780	6790
CHARGE FOR SERVICES		

**IMPROVE WATER ASSN.**  
 227 SAWMILL RD  
 SANDY HOOK, MS 39478  
 601-876-5388  
 www.improvewater.com

PRESORTED  
 FIRST-CLASS M  
 U.S. POSTAGE  
 PAID  
 PERMIT NO. 1  
 SANDY HOOK, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2023	
NET AMOUNT	LATE CHARGE	GROSS AMOUNT
88.25	9.45	97.70

To avoid late fee, paymt must be received @5pm on the 10th.

**RETURN SERVICE REQUESTED**

WTR 82.48  
 TAX 5.77  
 NET DUE >>> 88.25  
 SAVE THIS >> 9.45  
 GROSS DUE >> 97.70

010002000  
 SECOND MT. BETHEL CHURCH  
 1445 HWY. 48 EAST

SANDY HOOK MS 39478

**PROXY FOR ANNUAL MEMBERSHIP MEETING OF IMPROVE WATER ASSOCIATION, INC.**

KNOW ALL MEN BY THESE PRESENTS, that I, the undersigned of Improve Water Association, Inc., hereby appoint and constitute \_\_\_\_\_ my true and lawful attorney and proxy with full power of substitution and revocation, to attend and represent me at the annual membership meeting of the corporation to be held on June 13, 2023, and for and on my behalf to vote on any election, question, proposition or resolution, or any other matter which may come before the meeting or any adjournment thereof upon which I would be entitled to vote if personally present.

This proxy shall be void if I personally attend the said meeting. By the execution of this proxy, I hereby cancel any proxies given by me which have an earlier date than the date hereof or which have no date.

IN WITNESS WHEREOF, I have executed this proxy on the \_\_\_\_\_ day of \_\_\_\_\_ JUNE \_\_\_\_\_, 2023.

Acct# \_\_\_\_\_

\_\_\_\_\_  
 Signature of Member

\_\_\_\_\_  
 Member's Name (Print)

IMPROVE WATER ASSOCIATION, INC'S ANNUAL MEETING (MEMBERSHIP ONLY) WILL BE JUNE 13, 2023.

SIGN-IN OF MEMBERS WILL BE AT 6:00PM AND END AT 6:30PM; MEETING TO BEGIN AFTER VOTE VERIFICATION IS DONE.

AT WHICH MEETING TWO DIRECTORS WILL BE ELECTED TO SERVE A TERM OF 3 YEARS, AND AT WHICH ALL BUSINESS OF THE CORPORATION ENTITLED TO BE CONSIDERED BY THE MEMBERS AT AN ANNUAL MEETING WILL BE CONSIDERED.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER IS AVAILABLE IN THE 2022 CONSUMER CONFIDENCE REPORT AT [HTTPS://WWW.IMPROVEWATER.COM/DOCUMENTS/257/2022\\_CCR](https://www.improvewater.com/documents/257/2022_ccr). YOU MAY REQUEST A HARD COPY BY CHECKING THE BOX [ ] OR BY CALLING OUR OFFICE AT (601) 876-5388.