

2021 CERTIFICATION

Consumer Confidence Report (CCR)

Hiwannee Water Association, Inc.

PRINT Public Water System Name

770005 & 770008

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION (Check all boxes that apply)

INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
<input type="checkbox"/> Advertisement in local paper (Attach copy of advertisement)	
<input checked="" type="checkbox"/> On water bill (Attach copy of bill)	6-1-2022
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other (Describe: _____)	
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<input type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
<input checked="" type="checkbox"/> Posted online at the following address <u>www.hiwanneewater.org</u> (Provide direct URL): <u>https://msrwa.org/2021CCR/hiwannee.pdf</u>	7-2022 4-2022

CERTIFICATION

I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its customers in accordance with the appropriate distribution method(s) based on population served. Furthermore, I certify that the information contained in the report is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR requirements of the Code of Federal Regulations (CFR) Title 40, Part 141.151 - 155.

April Deby
Name

manager
Title

8-8-22
Date

SUBMISSION OPTIONS (Select one method ONLY)

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply.

Mail: (U.S. Postal Service)

Email: water.reports@msdh.ms.gov

MSDH, Bureau of Public Water Supply

P.O. Box 1700

Jackson, MS 39215

2021 Annual Drinking Water Quality Report
 Hiwannee Water Association, Inc.
 PWS#: 770005 & 770008
 April 2022

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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.

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 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 Hiwannee Water Association have received a lower to moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Brent Graham at 601.410.7127. 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 Thursday of the month at 5:00 PM at the main office located at 929 Wayne Street, Waynesboro, MS 39367.

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 we detected during the period of January 1st to December 31st, 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 constituents. 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 for 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.
- Level 2 Assessment:* A very detailed study of the water system to identify potential problems and determine (if Possible) why an *E.coli* MCL violation has occurred and/or why total coliform bacteria have been found in our water system.

PWS #: 0770005		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
Microbiological Contaminants								
1. Total Coliform Bacteria including E. Coli	N	September 21	Positive	2	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment E Coli comes from human and animal fecal waste
Inorganic Contaminants								
8. Arsenic	N	2021	3.6	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes

10. Barium	N	2021	.0165	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2021	.597	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*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2021	.065	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	N	2019*	240000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Disinfection By-Products

81. HAA5	N	2021	4	1 - 4	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	1	1.17	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.2	.3 - 1.5	Mg/l	0	MDRL = 4	Water additive used to control microbes

PWS #: 0770008

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
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Inorganic Contaminants

8. Arsenic	N	2021	4.5	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2021	.0326	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2021	.666	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*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	340000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Disinfection By-Products

81. HAA5	N	2021	4	1.47 - 4.86	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	2	1.03 - 2.9	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.2	.2 - 2	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2021
Microbiological Contaminants:

(1) Total Coliform/E Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliform indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessments (s) to identify problems and to correct any problems that were found during these assessments.

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. During the past year on system # 770005, we were required to conduct and completed 1 (one) Level 2 assessment. In addition, we were required to take and completed 1(one) corrective action.

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.

Significant Deficiencies

Monitoring and Reporting of Compliance Data Violations:

On both systems #770005 & #770008, during a sanitary survey conducted on 11/04/2021, the Mississippi State Department of Health cited the following significant deficiency(s): Cross Connection Control

The association has entered into a Bilateral Compliance Agreement with MSDH to complete corrective actions by 7/29/22.

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 Hiwannee 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.

Please note: this report will not be mailed to customers individually, it will be published in local paper.

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ACCOUNT NO.	SERVICE FROM	SERVICE TO
001025910	04/15	05/19
SERVICE ADDRESS		
746 PLEA GR CHAP RD		
METER READINGS		
CURRENT	PREVIOUS	USED
2059	2058	1
CHARGE FOR SERVICES		
WTR		15.75
NET DUE >>>		15.75
SAVE THIS >>		1.58
GROSS DUE >>		17.33

HIWANNEE WATER ASSOC.

929 WAYNE ST.
WAYNESBORO, MS 39367
601-735-5249

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PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2022	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
15.75	1.58	17.33

CCR@<https://msrwa.org/2021/ccr>
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BRING ENTIRE BILL WHEN PAYING IN PERSON.

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JADE MORVANT

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ACCOUNT NO.	SERVICE FROM	SERVICE TO
010001000	04/15	05/19
SERVICE ADDRESS		
23 NELSON DR/HWY 510		
METER READINGS		
CURRENT	PREVIOUS	USED
10527	10485	42
CHARGE FOR SERVICES		
WTR		33.35
NET DUE >>>		33.35
SAVE THIS >>		3.34
GROSS DUE >>		36.69

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601-735-5249

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PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2022	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
33.35	3.34	36.69

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ACCOUNT NO.	SERVICE FROM	SERVICE TO
010002000	04/15	05/19
SERVICE ADDRESS		
52 HWY 510		
METER READINGS		
CURRENT	PREVIOUS	USED
8056	8030	26
CHARGE FOR SERVICES		
WTR		20.55
NET DUE >>>		20.55
SAVE THIS >>		2.06
GROSS DUE >>		22.61

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PERMIT NO. 74
WAYNESBORO, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2022	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
20.55	2.06	22.61

CCR@<https://msrwa.org/2021/ccr>
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010002000
JEAN HOLDER

1263 DOGWOOD DRIVE
WAYNESBORO MS 39367

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