

2021 CERTIFICATION
Consumer Confidence Report (CCR)

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Hilldale Water District, Inc.

PRINT Public Water System Name

0750005

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

CCR DISTRIBUTION (Check all boxes that apply)	
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<input type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
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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.	
<u>Bradley Barnes</u> Name	<u>General Manager</u> Title
	<u>6/15/2022</u> 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) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	Email: water.reports@msdh.ms.gov

2021 ANNUAL DRINKING WATER QUALITY REPORT for HILLDALE WATER DISTRICT, INC. PWS ID: 750005

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report contains information from 2021 comparing your tap water to all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health (MSDH) drinking water health standards. Our efforts each day are directed toward providing you with a safe and dependable supply of drinking water. This report contains information about where your water comes from, what it contains, and how it compares to standards set by the regulatory agencies. We are committed to providing information on our operations and future plans because informed customers are our best allies. During 2021 our water came from eight wells that draw from the Forest Hill Aquifer and one that draws from the Sparta Aquifer. **The minimum and maximum running annual average free chlorine levels in 2021 were 0.6 mg/l and 1.0 mg/l respectively.**

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 poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA'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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Hilldale Water District routinely monitors for constituents in your drinking water according to federal and state requirements. Water samples collected by HWD are analyzed by the MSDH Laboratory. The table below presents the results of our monitoring primarily during the period of January 1 to December 31, 2021. Earlier monitoring results are reported for constituents tested less than once per year because the concentrations of these contaminants do not change frequently. Information is included on all constituents present at a detectable level in the laboratory analyses. HWD water was tested for numerous other contaminants that were not detected.

The Mississippi Department of Health has completed a source water assessment to determine the overall susceptibility of the HWD drinking water supply to potential sources of contamination. The HWD wells have received a moderate general susceptibility ranking to contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to HWD and is available for review at the HWD office.

To Pay Your Bill

Come on in. Our business office is open to accept payments, masks optional. Payment methods include: Cash, Check, Money Orders and Debit/Credit Cards. Debit/Credit cards can be done either in person or over the phone. An automatic draft from a checking account is also offered.

Water Conservation Tips

Small changes can make a big difference. Try one today and soon it will become second nature.

- Take short showers. A 5-minute shower uses 4-5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons per month.
- Use a water-efficient shower head. They are inexpensive, easy to install and can save you up to 750 gallons per month.
- Run your clothes washer and dish washer only when full. You can save up to 1,000 gallons per month.
- Water plants only when necessary.
- Fix a leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing or replacing it with a new more efficient model can save up to 1,000 gallons per month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

Reminder

Many people experienced damaged water pipes this past winter due to the freezing temperatures. Be weather aware. Winterizing outside water faucets with insulation covers are a good idea. Do not forget to insulate the water pipes under houses with conventional foundations and mobile homes. These pipes will freeze and the customer will be without water until the pipes thaw. Customers may want to cut the water off to out buildings or facilities that are not constantly occupied or if traveling to avoid damaged water pipes from leaking and causing large bills while no one is around.

Additional Information for Lead

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. Hilldale Water 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>.

You may want additional information about your drinking water. You may contact our Certified Waterworks Operator, Timmy Tedder, or our General Manager, Bradley Barnes at 601-636-8475, or you may prefer to log on to the Internet and obtain specific information about your system and its compliance history at the following address: <http://www.msdh.state.ms.us/watersupply/index.htm>. Compliance and reporting violations, and other information pertaining to your water supply including "Why, When and How to Boil Your Drinking Water" and "Flooding and Safe Drinking Water" may be obtained.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary

significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below.

Term	Definition		
ppm	Parts per million, or milligrams per liter (mg/l)	ppb	Parts per billion, or micrograms per liter (µg/l)
NA	Not applicable	ND	Not detected

MCLG Maximum Contaminant Level Goal: 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.

MCL Maximum Contaminant Level: 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.

TT Treatment Technique: a required process intended to reduce the level of a contaminant in drinking water.

AL Action Level: the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MRDLG Maximum Residual Disinfection Level Goal: 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.

MRDL Maximum Residual Disinfectant Level: the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl ₂) (ppm)	4	4	1	.6	1	2021	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	14	NA	NA	2021	No	By-product of drinking water chlorination
TTHMs [Total Trihalometbanes] (ppb)	NA	80	33.6	NA	NA	2021	No	By-product of drinking water disinfection
Inorganic Contaminants								
Nitrate [measured as Nitrogen] (ppm)	10	10	.5	NA	.5	2021	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	.2	2021	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	.002	2021	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Violation	Typical Source
Nitrite [measured as Nitrogen] (ppm)	1	1	ND	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

The HWD Board normally meets on the second Tuesday of each month at 6:00 PM at the HWD office (4326 Lee Road). We encourage all customers who have concerns or questions to request a meeting with us. Our District conducts its annual meeting on a Tuesday in February at 7:00 PM at the Hilldale office (4326 Lee Road). Notices of this important meeting are mailed to all customers encouraging attendance. So that we may contact you about future boil water situations or other important information, please contact the HWD office at 601-636-8475 to ensure we have your correct contact information. Although copies of this report are NOT being mailed, copies are available for review at the Hilldale office (4326 Lee Road) and at www.hilldalewater.com.

Publisher's Certificate of Publication

STATE OF MISSISSIPPI COUNTY OF WARREN

Catherine Boone Hadaway, being duly sworn, on oath says she is and during all times herein stated has been an employee of Vicksburg Newsmedia publisher and printer of the The Vicksburg Post (the "Newspaper"), has full knowledge of the facts herein stated as follows:

1. The Newspaper printed the copy of the matter attached hereto (the "Notice") was copied from the columns of the Newspaper and was printed and published in the English language on the following days and dates:

06/12/22

2. The sum charged by the Newspaper for said publication is the actual lowest classified rate paid by commercial customer for an advertisement of similar size and frequency in the same newspaper in which the Notice was published.

3. There are no agreements between the Newspaper, publisher, manager or printer and the officer or attorney charged with the duty of placing the attached legal advertising notice whereby any advance, gain or profit accrued to said officer or attorney

Catherine Boone Hadaway

Catherine Boone Hadaway, Publisher

Subscribed and sworn to before me this
12th Day of June, 2022

Shandale Goodman, Notary Public
State of Mississippi
My commission expires 07-30-2022



Account # 184685
Ad # 1462080

HILDALE WATER DISTRICT
4326 LEE ROAD
VICKSBURG MS 39180

2021 ANNUAL DRINKING WATER QUALITY REPORT for HILDALE WATER DISTRICT, INC. (PWSID: 10000)

All are pleased to present the 2021 Annual Drinking Water Quality Report (Drinking Water Report) as required by the Safe Drinking Water Act (SDWA). The report contains information from 2021 sampling plus up to 6 months of historical information. The report is required by the U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health (MSDH). Drinking water quality standards are set by the U.S. Environmental Protection Agency (EPA) and the Mississippi State Department of Health (MSDH). The report contains information about when your water system met or exceeded the standards set by the regulatory agencies. We are committed to providing information on our operations and water quality because informed consumers are the best. Contact us if you have any questions. For more information, visit our website at www.hildalewater.com. The maximum and minimum monthly actual average flow (cubic feet per second) were 1.2 and 7.8 respectively.

Drinking water, including bottled water, may occasionally be contaminated by certain natural and synthetic substances. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Infants and young children, pregnant women, and the elderly are particularly vulnerable. These people should consult with their health care providers. EPA advises that certain vulnerable populations should consider additional steps to reduce exposure. For more information, visit our website at www.hildalewater.com.

Hildale Water District makes provision for customers in your drinking water according to both state and federal requirements. Water samples collected by AWD are analyzed by the MSDH laboratory. The table below presents the results of our monitoring during the period of January 1 to December 31, 2021. Each public drinking water system is required to sample for certain chemicals, pesticides, and other substances. The table below presents the results of our monitoring during the period of January 1 to December 31, 2021. Each public drinking water system is required to sample for certain chemicals, pesticides, and other substances. The table below presents the results of our monitoring during the period of January 1 to December 31, 2021. Each public drinking water system is required to sample for certain chemicals, pesticides, and other substances.

MSDH requires public water utilities to monitor for contaminants in your drinking water according to both state and federal requirements. Water samples collected by AWD are analyzed by the MSDH laboratory. The table below presents the results of our monitoring during the period of January 1 to December 31, 2021. Each public drinking water system is required to sample for certain chemicals, pesticides, and other substances. The table below presents the results of our monitoring during the period of January 1 to December 31, 2021. Each public drinking water system is required to sample for certain chemicals, pesticides, and other substances.

The Maximum Contaminant Level (MCL) is the highest level of a contaminant allowed in drinking water. The Maximum Contaminant Level Goal (MCLG) is the maximum level of a contaminant in drinking water that would not pose any risk to human health. The MCL is set at a level that is as close to the MCLG as is feasible. The MCL is set at a level that is as close to the MCLG as is feasible. The MCL is set at a level that is as close to the MCLG as is feasible.

Some of our customers may be more vulnerable to contaminants in drinking water than the general population. Infants and young children, pregnant women, and the elderly are particularly vulnerable. These people should consult with their health care providers. EPA advises that certain vulnerable populations should consider additional steps to reduce exposure. For more information, visit our website at www.hildalewater.com.

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Water Quality Data Table

Contaminant	MCLG or MCL	Unit	Year	Sample Date	# Samples Exceeding MCL	Exceeds MCL	Typical Source
Disinfectants & Disinfection By-Products							
There is a maximum contaminant level goal (MCLG) for disinfectants and disinfection by-products (DBPs) in drinking water. The MCLG is set at a level that is as close to the MCLG as is feasible. The MCLG is set at a level that is as close to the MCLG as is feasible.							
Chlorine (as Cl ₂) (ppm)	4	ppm	2021	0	0	No	Water additive used to control microbes
Halooacetic Acids (HAA5) (ppm)	N/A	ppm	2021	0	0	No	By-product of drinking water chlorination
THM5 (Total Trihalomethanes) (ppm)	N/A	ppm	2021	0	0	No	By-product of drinking water chlorination
Emergent Contaminants							
Nitrate (measured as Nitrogen) (ppm)	10	ppm	2021	0	0	No	Runoff from fertilizer use, Leaching from septic tanks, sewage, Erosion of natural deposits
Lead (measured as Lead) (ppm)	0.01	ppm	2021	0	0	No	Erosion of natural deposits
Copper (measured as Copper) (ppm)	1.3	ppm	2021	0	0	No	Erosion of natural deposits
Lead action level (measured as Lead) (ppm)	0.01	ppm	2021	0	0	No	Erosion of natural deposits
Copper action level (measured as Copper) (ppm)	1.3	ppm	2021	0	0	No	Erosion of natural deposits
Undetectable Contaminants							
The following contaminants were monitored for but not detected in your water.							
Fluoride (measured as Fluoride) (ppm)	1.0	ppm	ND	0	0	No	Runoff from fertilizer use, Leaching from septic tanks, sewage, Erosion of natural deposits

The AWD is proud to provide the highest quality drinking water possible. We are committed to providing information on our operations and water quality because informed consumers are the best. Contact us if you have any questions. For more information, visit our website at www.hildalewater.com.