

2019 CERTIFICATION

Consumer Confidence Report (CCR)

RECEIVED - WATER SUPPLY
JUN 26 AM 8:22

Hildale Water District, Inc.

Public Water System Name

750005

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

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the MSDH.** Please check all boxes that apply.

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- Advertisement in local paper *(Attach copy of advertisement)*
- On water bills *(Attach copy of bill)*
- Email message *(Email the message to the address below)*
- Other _____

Date(s) customers were informed: ___ / ___ / 2020 / / 2020 / / 2020

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used _____

Date Mailed/Distributed: ___ / ___ / ___

CCR was distributed by Email *(Email MSDH a copy)*

Date Emailed: ___ / ___ / 2020

- As a URL _____ *(Provide Direct URL)*
- As an attachment
- As text within the body of the email message

CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: The Vicksburg Post

Date Published: 5/27/2020

CCR was posted in public places. *(Attach list of locations)*

Date Posted: ___ / ___ / 2020

CCR was posted on a publicly accessible internet site at the following address: _____

(Provide Direct URL)

CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Bradley Burum - Gen. Mgr.

6/5/2020

Name/Title *(Board President, Mayor, Owner, Admin. Contact, etc.)*

Date

Submission options *(Select one method ONLY)*

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800

****Not a preferred method due to poor clarity****

CCR Deadline to MSDH & Customers by July 1, 2020!

2019 ANNUAL DRINKING WATER QUALITY REPORT for HILDALE 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 2019 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 2019 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 2019 were .60 mg/l and 1.2 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, 2019. 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.

Special COVID-19 Information

In these uncertain times in dealing with the COVID-19 virus, Hilldale is not allowing customers in the office building in an effort to limit the spread of this devastating respiratory virus.

TO PAY YOUR BILL, ALL CHECK OR CASH PAYMENTS WILL GO THROUGH THE DEPOSIT BOX. USE THE ENVELOPES PROVIDED.

CASH PAYMENTS – SORRY, NO CHANGE WILL BE GIVEN. BE SURE TO WRITE THE NAME, ADDRESS, AND CELL PHONE NUMBER AND AMOUNT INCLUDED IN ENVELOPE. A RECEIPT WILL BE TEXTED OR MAILED.

CREDIT AND DEBIT CARDS – CALL 601-636-8475 TO PAY OVER THE PHONE. A RECEIPT WILL BE TEXTED. THIS INFORMATION IS DESTROYED AFTER THE TRANSACTION IS COMPLETE. ALL OTHER INQUIRIES USE CALL BUTTON OR CALL 601-636-8475 FOR ASSISTANCE. THANK YOU FOR YOUR PATIENCE AS WE GET THROUGH THIS UNUSUAL TIME.

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

- 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	1.2	.6	1.2	2019	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	.0629	.0549	.0629	2019	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	1.9	1.1	1.9	2019	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	.487	.214	.487	2019	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Sodium (optional) (ppm)	NA		180	170	180	2019	No	Erosion of natural deposits; Leaching
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	2020	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	.002	2020	1	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
Asbestos (MFL)	7	7	ND	No	Decay of asbestos cement water mains; 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 meet 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

Publisher's Certificate of Publication

STATE OF MISSISSIPPI COUNTY OF WARREN

Catherine Boone, 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:

05/27/20

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 advantage, gain or profit accrued to said officer or attorney

Catherine M. Boone

Catherine Boone, Publisher

Subscribed and sworn to before me this
27th Day of May, 2020

Mary Jo Eskridge



Mary Jo Eskridge, Notary Public
State of Alabama at Large
My commission expires 03-05-2022

Account # 184685
Ad # 1049500

HILDALE WATER DISTRICT
4326 LEE ROAD
VICKSBURG MS 39180

2019 ANNUAL DRINKING WATER QUALITY REPORT for HILDALE 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 on how 2019 compares your tap water to all 15 Environmental Protection Agency (EPA) and Mississippi State Department of Health (MSDH) drinking water health standards. The report also includes information about which 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 the tap water and where plans to better protect our water. Our water in 2019 was 92 mgd and 1.3 mgd respectively.

Drinking water containing total dissolved solids (TDS) in excess of 500 mg/L can have a taste and appearance that is not pleasant. The amount of TDS in your water is not 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. Immunocompromised people such as infants with chronic underlying conditions, people who are undergoing long-term treatment, people with HIV/AIDS or other immune system disorders, some pregnant women, and the elderly are at greater risk from drinking water. These people should consult their health care providers. EPA's Centers for Disease Control (CDC) guidelines on tap water are available at www.epa.gov/safewater/immunocompromised.html.

Health: Your State's primary responsibility for monitoring your drinking water is to protect it from contamination. Water quality monitors by PWS are analyzed by the MSDH laboratory. The table below presents the results of our monitoring program during the period of January 1 to December 31, 2019. Water monitoring results are reported for continuous testing only. TDS is not tested for continuous testing. Information is included on all contaminants present at a detectable level in the laboratory.

The Mississippi Department of Health has completed a source water assessment to determine the level of susceptibility of the PWS drinking water supply to potential sources of contamination. The PWS has been assigned a moderate general susceptibility rating to contamination. A report containing detailed information on how the susceptibility determination was made has been furnished to PWS and is available for review at the PWS office.

Special COVID-19 Information
In these uncertain times in dealing with the COVID-19 virus, HDALE is not allowing customers in an effort to limit the spread of this devastating respiratory virus.

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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. HDALE Water District is responsible for providing high quality drinking water, but cannot control the quality of materials used in plumbing components. When your water has been sitting for several hours, you can reduce the potential for lead exposure by flushing your tap for 30 seconds 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 www.epa.gov/lead.

You may want additional information about your drinking water. You may contact the Certified Watermain Operator, Tony Todd, in our District Manager, Bradley Barnes at 601-426-8475 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: www.hdalewater.com. Finally, your "Healthy and Safe Drinking Water" may be obtained.

Water Quality Data Table
Table 1 presents data for water quality tests. EPA publishes regulations which set the amount of contaminants in water permitted by public water systems. The report below lists all of the contaminants that we analyzed during the calendar year of this report. Although many more contaminants were tested, only those substances found below a certain level in your water are reported. Drinking water contains some naturally occurring contaminants. At low levels, these substances are generally not harmful. In some cases, however, they can be harmful. For example, nitrate in drinking water can be harmful to infants and young children. Some substances are not tested for because they are not expected to be found in drinking water. For example, lead in drinking water is not tested for because it is not expected to be found in drinking water. For example, lead in drinking water is not tested for because it is not expected to be found in drinking water. For example, lead in drinking water is not tested for because it is not expected to be found in drinking water.

Contaminant	MCLG or MRDLG	MCL, TT, or MRDL	Detected in Your Water	Range	Sample Date	Violation	Typical Source
Disinfection By-Products (DBPs)							
Chlorine (as Cl ₂) (ppm)	4	4	1.2	0.8 - 1.2	2019	No	Water additive used to disinfect water
Inorganic Contaminants							
Chromium (ppm)	2	2	0.021	0.040 - 0.029	2019	No	Discharge of mining wastes. Discharge from metal refineries. Friction of metal pipes.
Copper (ppm)	1.0	1.0	1.1	1.1	2019	No	Discharge from steel and pipe mills. Friction of metal pipes.
Fluoride (ppm)	4	4	4.1	2.14 - 4.1	2019	No	Discharge of natural deposits. Friction of metal pipes.
Organic Contaminants							
Trihalomethanes (THMs) (ppm)	NA	NA	1.0	1.0	2019	No	Reaction of natural deposits during disinfection.
Radionuclides							
Radon (pCi/L)	10	10	2	2	2020	No	Discharge of household plumbing systems. Friction of metal pipes.
Lead (ppm)	0.01	0.01	0.02	0.02	2020	No	Discharge of household plumbing systems. Friction of metal pipes.
Lead (ppm)	0.01	0.01	0.02	0.02	2020	No	Discharge of household plumbing systems. Friction of metal pipes.

Undetected Contaminants
The following contaminants were monitored for, but no detected in your water.

Contaminant	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Violation	Typical Source
Asbestos (MFL)	NO	NO	NO	No	Discharge of asbestos-containing materials. Friction of metal pipes.

The MSDH reports monthly results on the second Tuesday of each month at 1:00 PM at the PWS office (4326 Lee Road). The encourage all customers who have concerns or questions to meet with us. Our District conducts its annual meeting on a Tuesday at 7:00 PM at the HDALE office (4326 Lee Road). Minutes of the important meetings are mailed to all customers including attendance. So that we may contact you about future notices, please provide us with your current contact information. Although copies of this report are not being mailed, copies are available for review at the HDALE office (4326 Lee Road) and at www.hdalewater.com.