

2019 JUL 11 PM 12:41

2018 CERTIFICATION

Consumer Confidence Report (CCR)

HOLMES INTERSTATE UTILITY DISTRICT

Public Water System Name

0260040

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: 6 / 13 / 2019 / / / 2019 / / / 2019

- 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: / / 2019
 - 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: HOLMES COUNTY HERALD

Date Published: 6 / 13 / 2019

- CCR was posted in public places. *(Attach list of locations)* Date Posted: / / 2019

- 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

James Yalley, PRESIDENT

7.11.2019

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, 2019!

RECEIVED - WATER SUPPLY
 2019 MAY 14 AM 11:43

2018 Annual Drinking Water Quality Report
 Holmes Interstate Utility District
 PWS#: 0260040
 May 2019

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 Donetha James at 662.739.4767. 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 and third Mondays of each month at 9:00 AM at the Holmes County Board Room, Lexington, MS.

Our water source is from wells drawing from the Meridian Upper 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 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 the Holmes Interstate Utility District have received moderate susceptibility ranking 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 1st to December 31st, 2018. In cases where monitoring wasn't required in 2018, 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.

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	2018	.073	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2015/17*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2015/17*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as	N	2018	.1	No Range	ppm	10	10	Runoff from fertilizer use;

Nitrogen)									leaching from septic tanks, sewage; erosion of natural deposits
Disinfection By-Products									
81. HAA5	N	2018	2	No Range	ppb	0	60		By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018	3.96	No Range	ppb	0	80		By-product of drinking water chlorination.
Chlorine	N	2018	1.7	1 – 2	mg/l	0	MDRL = 4		Water additive used to control microbes

* Most recent sample. No sample required for 2018.

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.

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.

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 Holmes Interstate Utility District 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.

PROOF OF PUBLICATION

HOLMES COUNTY HERALD

LEXINGTON, MISSISSIPPI

STATE OF MISSISSIPPI, HOLMES COUNTY

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Maria M. Edwards, publisher of a public newspaper called the *Holmes County Herald* established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for 1 time(s), as follows, to wit:

2018 Annual Drinking Water Quality Report
Holmes Interstate Utility District
INWF 200304
May 2018

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 overall goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continuously 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 obtaining your water bills, please contact Cynthia James at 562.725.4267. We want our valued customers to be informed about their water usage. If you wish to learn more, please attend any of our regularly scheduled meetings. They are held at the first and third Mondays of each month at 9:00 AM at the Holmes County Board Room, Lexington, MS.

Our water system is free from drinking from the Mountain Water Aquifer. The source water environment has been examined for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report regarding detailed information on how the susceptibility determination was made has been furnished to our public water system and is available for viewing upon request. The results for the Holmes Interstate Utility District have shown excellent susceptibility (rating to contamination).

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table shows some of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2018. In cases where monitoring wasn't required in 2018, the table reflects the most recent results. All water tests are the results of field or laboratory. If drinking water quality monitoring results are in some cases, an elevated level indicates that they come from drinking treatment plants, water systems, agricultural feedstock operations, and various emergency discharges, such as spills and leaks, which can be naturally occurring or result from other water-related events, including, but not limited to, agricultural runoff, stormwater runoff, or leakage from underground storage tanks, which may occur from a variety of sources such as agriculture, urban residential runoff, and residential water. Certain chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and non-petroleum gas solvents and metal solvents, petroleum by-products, which can be naturally occurring in the result of oil and gas production and drilling activities, in order to ensure that tap water is safe to drink, EPA processes may be necessary to reduce the amount of certain contaminants in water provided by public water systems. All drinking water including bottled drinking water is not necessarily intended to be consumed in large quantities 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.

It will help you get the most from your water and understand your water quality. 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 actions which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowable" MCL is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGL as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Clean" MCLG is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are not enforceable.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that additional disinfection is necessary to protect public health.

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 in water treatment.

Permit - A permit for a public water system or other facility to construct, operate, or maintain a water treatment facility.

Permit to Collect Samples or Discharge - A permit for a public water system to collect samples or discharge effluent into a water body.

Permit to Construct - A permit for a public water system to construct a new facility or to expand an existing facility.

Permit to Operate - A permit for a public water system to operate a facility.

Contaminant	Violation Y/N	Date Collected	Last Detected	Range of Detects or # of Samples Collected	Unit	MCLG	MCL	MRDL	MRDLG	Source of Contamination
Inorganic Contaminants										
16. Nitrate	N	2018	2/3	No Range	ppm	0	2	2	2	Discharge of drilling water, discharge from wells, surface runoff of fertilizers, etc.
14. Copper	N	2018	1	0	ppm	1.3	1.3	1.3	1.3	Discharge from power plant, discharge from residential water treatment plants, etc.
17. Lead	N	2018	0	0	ppb	0	15	15	15	Discharge from industrial processes, discharge from residential water treatment plants, etc.
18. Nitrite as Nitrogen	N	2018	1	No Range	ppm	0	10	10	10	Discharge from fertilizer use, discharge from industrial processes, etc.
Disinfection By-Products										
51. THM5	N	2018	2	No Range	ppb	0	80	80	80	By-product of drinking water disinfection.
52. THM5 Time	N	2018	3.99	No Range	ppb	0	80	80	80	By-product of drinking water disinfection.
Chlorine	N	2018	1.7	1-2	mg/L	0	4	4	4	Water treatment used to control microbes.

As you see on the table, our system met all standards. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have passed through our monitoring and testing that some contaminants have been detected. However, the EPA has determined that your water is SAFE to drink.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of water or soil in your drinking water system. Results of regular monitoring are an indicator of water or soil in your drinking water system. Results of regular monitoring are an indicator of water or soil in your drinking water system.

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 aged pipes and solder joints and some plumbing. Our water system is responsible for providing safe drinking water. We are committed to providing safe drinking water. We are committed to providing safe drinking water.

All results of drinking water are subject to statistical confirmation by subsamples that are randomly occurring in time. These subsamples may be for chlorine, copper, or organic chemicals and volatile inorganics. All drinking water, including bottled water, may occasionally be polluted by certain inorganic and organic chemicals and volatile inorganics. The presence of inorganic and organic chemicals and volatile inorganics does not necessarily indicate that the water poses a health risk. More information is available at the U.S. Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-6271.

Some people may be more vulnerable to contaminants in drinking water than the general population. Vulnerable populations include: pregnant women, infants and young children, the elderly, and people with compromised immune systems. These people should take special precautions to protect themselves. They should follow the instructions on their water bills and follow any additional advice from their local health department. They should also consider using a water filter that has been certified to reduce the contaminant in question. For more information, contact your local health department.

The Holmes Interstate Utility District makes every effort to provide the highest quality water to every tap in every town. We are committed to providing safe drinking water to every tap in every town. We are committed to providing safe drinking water to every tap in every town.

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Publisher

Witness my hand and seal at Lexington, Mississippi this
the 11th day of July, 2019.
Henry Lee Skett
Chancery Clerk
by Charles Skett
D.C.
14 INCHES words 1 time(s) Amount \$ 111.00