

Faxed  
Emailed  
5-6-19

# 2018 CERTIFICATION Consumer Confidence Report (CCR)

Town of Hatley  
Public Water System Name

0480008

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: \_\_\_/\_\_\_/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: Monroe County Journal

Date Published: 5/1/2019

- 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

Aubrey Rowland

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

5-6-19

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](mailto: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!**

2018 Annual Drinking Water Quality Report  
 Town of Hatley Water Department  
 PWS#: 0480008  
 April 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. Our water source is from wells drawing from the Gordo 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 Town of Hatley have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Justin Blake Wilson at 662.256.7245. 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 Tuesday of the month at 6:30 PM at the Town Hall Board Room.

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 1<sup>st</sup> to December 31<sup>st</sup>, 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

<b>Inorganic Contaminants</b>								
10. Barium	N	2018	.01	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2018	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.2	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*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2018	.23	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2016*	6	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2018	1.1	.8 – 1.3	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 contaminant 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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. 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 Town of Hatley Water Department 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: a copy of this report will not be directly delivered to each customer.

1432841

MONROE COUNTY JOURNAL  
PROOF OF PUBLICATION

STATE OF MISSISSIPPI  
COUNTY OF MONROE

Before the undersigned, a Notary Public in

And for said state and county, Emily Paul,  
managing editor, publisher, clerk and/or general  
manager of THE MONROE JOURNAL,  
a newspaper published in Amory,  
in said County and state makes oath that the

Water Report

Of which the article hereunto attached is a true  
copy, was published in said newspaper  
as follows:

Volume: \_\_\_\_\_, No. \_\_\_\_\_ Dated: 05-01-2019

Volume: \_\_\_\_\_, No. \_\_\_\_\_ Dated: \_\_\_\_\_

Volume: \_\_\_\_\_, No. \_\_\_\_\_ Dated: \_\_\_\_\_

Volume: \_\_\_\_\_, No. \_\_\_\_\_ Dated: \_\_\_\_\_

And I hereby certify that the issues above mentioned have  
Been examined by me, and I find the publication thereof to  
Have been duly made, and that The MONROE JOURNAL has  
Been established, published and had a bonafide circulation  
in said town, county and state for more than one year next  
preceeding the first insertion of the article described herein.

[Signature]  
editor, publisher, clerk and/or general manager

worn to and subscribed before me, this

1 day of May, 2019

[Signature] Notary Public

My Commission expires:

May 28, 2019

Cost of Publication:

244.00





2018 Annual Drinking Water Quality Report  
Town of Haley Water Department  
PY954 0480008  
April 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 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 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 Gordo 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 of our public water system has been determined is available for viewing upon request. The wells for the town of Haley have received a moderate susceptibility rating to contamination.

If you have any questions about this report or concerning your water utility, please contact Justin Blake Wilson at 602.200.7244. 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 Tuesday of the month at 6:00 PM at the Town Hall Board Room.

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 1 to December 31, 2018. In cases where monitoring naturally occurring materials and, in some cases, radioactive materials and other naturally occurring substances, it is important to note that the presence of these materials does not necessarily indicate a health risk. Some of these materials are naturally occurring and can be found in the environment. Some are found in water of sources such as agriculture, urban stormwater runoff, and industrial and domestic production, and can also come from gas stations and other systems. Radioactive contaminants, which can be naturally occurring or the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes maximum levels that limit the amount of certain contaminants in water produced 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 affects 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 level of a contaminant in drinking water. MCLs are set as close to the MCLG as is feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG)** - the highest level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set for a range of contaminants.

**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 to health. MRDLGs do not reflect the benefits of the use of high disinfectant to control microbial contaminants.

**Parts per million (ppm) or Milligrams per liter (mg/L)** - one part per million corresponds to one gram in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter (µg/L)** - one part per billion corresponds to one penny in \$10,000,000.

Contaminant	Units	Date Detected	Level Detected	Range of Detected Concentration	Unit	MCL	MCLG	Health Source of Contamination
<b>Inorganic Constituents</b>								
10. Arsenic	ppb	2/18	0.11	No Range	ppm	2	2	Discharge of mining wastes, discharge of natural leachate, erosion of natural deposits
12. Cadmium	ppb	2/18	0	No Range	ppb	100	100	Discharge from mines and other water, erosion of natural deposits
14. Copper	ppm	2/18/17	0	No Range	ppm	1.3	1.3	Discharge from mines and other water, erosion of natural deposits
17. Lead	ppb	2/18/2017	0	No Range	ppb	0	0	Discharge from mines and other water, erosion of natural deposits
10. Nitrate as Nitrogen	ppm	2/18	25	No Range	ppm	10	10	Discharge from mines and other water, erosion of natural deposits
<b>Disinfection By-Products</b>								
Chloroform	ppm	2/18	1.1	0-1.3	mg/L	D	MRDL = 4	Water additive used to control microbes

As you can see by the table, our system has exceeded maximum levels for 10 of the 19 contaminants that are monitored. We are pleased to report that our drinking water meets or exceeds all Federal and State requirements. We have achieved compliance with all of the drinking water quality standards set by the EPA. The EPA has determined that your water is safe to drink and is meeting the quality standards set by the EPA.

We are required to monitor for drinking water quality contaminants on a regular basis. Because of regular monitoring and an emphasis on preventive maintenance, we have not detected any of the contaminants that are monitored. We have not detected any of the contaminants that are monitored. We have not detected any of the contaminants that are monitored.

Drinking water is essential for our health and well-being. It is important to remember that the water we drink is not just a commodity, it is a resource. We are committed to ensuring the quality of our water and to providing 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.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. Some substances can be naturally occurring or man-made. Some substances can be naturally occurring or man-made. Some substances can be naturally occurring or man-made. Some substances can be naturally occurring or man-made.

The Town of Haley Water Department works around the clock to provide top-quality water to every tap. We ask that our customers help us protect our water resources, which are the heart of our community, by using water wisely. We ask that our customers help us protect our water resources, which are the heart of our community, by using water wisely.

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Male Men

# Fax Cover Sheet

To: MSDH  
Fax Number: 601-576-7800  
Date: 5-6-19

From: Amber - Town of Hatley  
Fax Number: 662-256-7255  
Pages: 4 (Including this one)

## Memo:

I tried to Email Several Times.  
Would not go through.

662-256-7245