

2018 JUN 28 AM 8:56

2017 CERTIFICATION Consumer Confidence Report (CCR)

Town of Smithville
Public Water System Name

0480012

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: 5 / 1 / 2018 / / / 2018 / / / 2018

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: / / 2018

- 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, Amory, MS 38821

Date Published: 5 / 2 / 2018

CCR was posted in public places. *(Attach list of locations)* Date Posted: 5 / 1 / 2018

CCR was posted on a publicly accessible internet site at the following address:
Smithvillems.org/wp-content/uploads/2018/04/2018-CCR.pdf *(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

Carl Wayne Couley
Name/Title *(President, Mayor, Owner, etc.)*

5-2-2018
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, 2018!

2017 Annual Drinking Water Quality Report
 Town of Smithville
 PWS#: 0480012
 April 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 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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Gordo Formation 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 Town of Smithville have received lower rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Joshua A. Hathcock at 662.651.4411. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 7:00 PM at the Smithville Town Hall located at 63443 HWY 25 N..

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, 2017. In cases where monitoring wasn't required in 2017, 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/AQL/MRDL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2016*	.0067	.0025 - .0067	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

13. Chromium	N	2016*	.6	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
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	2017	.29	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2016*	1	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2017	1.2	.89 – 1.51	Mg/l	0	MRDL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2017.

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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Town of Smithville 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/delivered to each customer, it will be published in the local paper.
"We are an equal opportunity provider."

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

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

Volume: __, No. __ Dated: 5-2-2018
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 bona fide circulation
in said town, county and state for more than one year next
preceding the first insertion of the article described herein.

Editor, publisher, clerk and/or general manager

Sworn to and subscribed before me, this
22 day of May, 2018

Rebecca Kyle
Notary Public

My Commission expires:
May 28, 2019

Cost of Publication:
\$ 194.70



2017 Annual Drinking Water Quality Report
Town of Smithville
PWS# 0480012
April 2018

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Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples (Exceeding MCL/MRDL)	Unit Measure (ppm)	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2018	0.007	0.0026 - 0.007	ppm	1	1	Discharge of drilling wastes; erosion from metal refineries; erosion of natural deposits
13. Chromium	N	2018	0	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
17. Lead	N	2016/17	0	0	ppb	0	15	Corrosion of household plumbing systems; erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2017	28	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, seepage; erosion of natural deposits
Disinfection By-Products								
82. THM (Total trihalomethanes)	N	2018	1.1	No Range	ppb	0	80	By-product of drinking water chlorination
Chloride	N	2017	1.1	0.9 - 1.51	Mg/L	0	MRDL = 4	Water additive used to control microbes

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We are an equal opportunity provider.

Smithville Town Hall
63443 Highway 25 North
Smithville, MS 38870

Mel's Diner
60001 Commerce Street
Smithville, MS 38870

Smithville Texaco
63466 Highway 25 North
Smithville, MS 38870

Smithville Discount Grocery and Variety
63437 Highway 25 South
Smithville, MS 38870

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010036001	03/06	04/08

SERVICE ADDRESS
63437 HIGHWAY 25 N

METER READINGS		
CURRENT	PREVIOUS	USED
150	150	

CHARGE FOR SERVICES

RETURN THIS STUB WITH PAYMENT TO:
TOWN OF SMITHVILLE
PO BOX 10
SMITHVILLE, MS 38870
(662) 651-4411

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
PERMIT NO. 15
AMORY, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	05/15/2018	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
42.55	3.21	45.76

CCR REPORT IN LOCAL PAPER
AND ON TOWN WEBSITE

WTR	15.00
SEW	13.50
GRB	13.00
TAX	1.05
NET DUE >>>	42.55
SAVE THIS >>	3.21
GROSS DUE >>	45.76

RETURN SERVICE REQUESTED

010036001
WILSON, GENA
13735 HWY 23
VINA, AL 35593

COPY