

# 2017 CERTIFICATION

## Consumer Confidence Report (CCR)

Mary Springs Rural Water Assoc. Inc  
Public Water System Name

0030005

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: \_\_\_ / \_\_\_ / 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: The Southern Herald

Date Published: June / 7 / 2018

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

Date Posted: \_\_\_ / \_\_\_ / 2018

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

John Holloway, Asst Treasurer  
Name/Title *(President, Mayor, Owner, etc.)*

6/12/18  
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, 2018!**

## 2017 Annual Drinking Water Quality Report

Mary Springs Rural Water Association

PWS#: 0030005

April 2018

APR 16 PM 1:10

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 Miocene 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 Mary Springs Rural Water Association have lower susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Gary Sterling at 601.657.0478. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the annual meeting to be held in March at 4015 Busy Corner Rd., Gloster, Mississippi.

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 1<sup>st</sup> to December 31<sup>st</sup>, 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/ACL | Unit Measure -ment | MCLG | MCL | Likely Source of Contamination |
|-------------------------------|---------------|----------------|----------------|--|--------------------|------|-----|--------------------------------|
| <b>Inorganic Contaminants</b> |               |                |                |  |                    |      |     |                                |

|                                 |   |         |       |           |      |     |          |  |
|---------------------------------|---|---------|-------|-----------|------|-----|----------|--|
| 8. Arsenic                      | N | 2017    | .7    | No Range  | ppb  | n/a | 10       | Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes |
| 10. Barium                      | N | 2017    | .0515 | No Range  | ppm  | 2   | 2        | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits             |
| 13. Chromium                    | N | 2017    | .7    | No Range  | ppb  | 100 | 100      | Discharge from steel and pulp mills; erosion of natural deposits                                       |
| 14. Copper                      | N | 2017/19 | .5    | 0         | ppm  | 1.3 | AL=1.3   | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 17. Lead                        | N | 2017/19 | 4     | 0         | ppb  | 0   | AL=15    | Corrosion of household plumbing systems, erosion of natural deposits                                   |
| <b>Disinfection By-Products</b> |   |         |       |           |      |     |          |  |
| 81. HAA5                        | N | 2017    | 4     | No Range  | ppb  | 0   | 60       | By-Product of drinking water disinfection.   |
| Chlorine                        | N | 2017    | 1.2   | 1.1 – 1.3 | mg/l | 0   | MDRL = 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. 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.

#### Significant Deficiencies

##### Monitoring and Reporting of Compliance Data Violations:

During a sanitary survey conducted on 2/02/2017, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate application of treatment chemicals and techniques (primacy MCLs)

Corrective Actions: MSDH is in the process of enforcement actions to bring this deficiency back into compliance by 6/30/18.

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 Mary Springs Rural Water Association, Inc. 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.

Notice: This report will not be mailed out to each customer, however a copy may be obtained at our office.

2018 JUN 14 AM 9:14

PROOF OF PUBLICATION

STATE OF MISSISSIPPI

COUNTY OF AMITE

PERSONALLY CAME before me, the undersigned, a notary public in and for the state aforesaid, the

PLACE NOW  
@gmail.com

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undersigned agent of THE SOUTHERN HERALD, a news-  
paper published in the Town of Liberty, Amite County,  
Mississippi, who, being duly sworn, deposes and says that  
THE SOUTHERN HERALD is a newspaper as defined and  
prescribed in Section 13-3-3, Mississippi Code of 1972, and  
that the publication of

2017 ANNUAL DRINKING WATER QUALITY REPORT  
MARY SPRING RURAL WATER ASSOCIATION, INC.  
PWS ID#: 0030005  
APRIL 2018

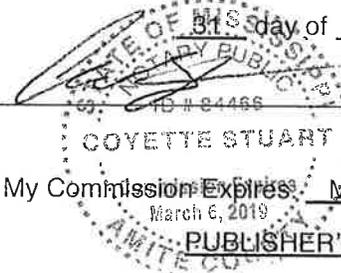
of which the annexed is a copy, has been made in said  
paper 1 times consecutively, to-wit:

- On the 07 day of JUNE, 2018
- On the \_\_\_\_\_ day of \_\_\_\_\_, 2018
- On the \_\_\_\_\_ day of \_\_\_\_\_, 2018
- On the \_\_\_\_\_ day of \_\_\_\_\_, 2018

Publisher

SWORN TO and subscribed before me, this

31<sup>st</sup> day of MAY, 2018



Notary Public

My Commission Expires MARCH 6, 2019

PUBLISHER'S FEE

2,058 Words @ 12 ¢ ----- \$246.96

Making Proof of Publication --- 0.00

TOTAL ----- \$246.96

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AR - PART 14  
HOLLYWELL CONTINUES #5

ary cemetery at Carthage, Tunisia. There are no  
white marble crosses, two feet high and arrayed in  
dates of death suggest individuality. Four sets of  
h thirteen of the saddest words in the English lan-  
gn only to God." A meandering limestone wall con-  
bodies never found...with a benediction: "Into Thy

here these boys fell in '42 and '43 - Casablanca,  
traditional government-issue graves are devoid of  
But those familiar with the Allied invasion of North  
truggle to expel the Axis powers, can easily do the

North Africa was a pivotal time in American history  
at power. Along with Stalingrad and Midway, North  
V2. For the many thousands of American boys who  
enemies alike returned home to resume their lives,  
e world was paved with the blood, sweat and tears

the rocks began to look familiar. Mike had named  
oli; not to be outdone, after noticing one particular  
itish Prime Minister. On several occasions that day,  
r "nice to see ya again, Winston", each time they  
as the day wore on.

30-minutes later would give ground themselves.  
together, taking turns firing over the top at targets  
oned that he had a taste for his Mama's fried  
that when he returned home, he planned on eating  
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n to keep a sharp eye out for a medic. That was  
m as a good squad leader. He quickly pronounced  
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soldier zeroing in with his mortar fire. He was just  
ings about Emerson with his widowed wife, Kay.  
ning story.

Until we meet again...

ayne Killingsworth  
-----10 a.m.  
-----11 a.m.

Pastor: Rev. Walt Gaston  
Worship Service-----11 a.m.  
Wednesday Bible Study-----6:00 p.m.

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-----6 p.m.  
-----7 p.m.

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Unity Memorial Presbyterian  
Church  
2194 Hwy 569 South ~ Liberty  
Pastor: Rev. Walt Gaston  
Sun. Worship Serv.-----9:30 a.m.

**Nondenominational**

New Beginning Mission  
Church  
5009 Hwy 584 ~ Liberty, MS 39645  
Pastor: Junior Partin  
Phone: 601-657-5764  
Sunday Worship-----10:30 a.m.  
Wed. Prayer Meeting-----7:00 p.m.

Inhabitants of the Rock Church  
4697 Farmer Rd ~ Smithdale, MS  
Pastor: Curtis Ready  
Phone: 601-657-4651  
Sunday Worship-----10:00 a.m.  
Sunday Eve. Worship-----6:00 p.m.

Methodist Church  
erty, MS 39645  
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**ARENE**  
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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 Midcone Series Aquifers. 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 Mary Springs Rural Water Association have lower susceptibility ranking to contamination.

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Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one in 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 Defects or # of Samples Exceeding MCL/MCL | Unit Measurement | MCLG | MCL | Likely source of Contamination |
|-------------|---------------|----------------|----------------|--|------------------|------|-----|--------------------------------|
|-------------|---------------|----------------|----------------|--|------------------|------|-----|--------------------------------|

**Organic Contaminants**

|             |   |         |       |          |     |     |        |  |
|-------------|---|---------|-------|----------|-----|-----|--------|--|
| 1. Arsenic  | N | 2017    | 7     | No Range | ppb | n/a | 10     | Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes               |
| 10. Barium  | N | 2017    | .0515 | No Range | ppm | 2   | 2      | Discharge of drilling wastes, discharge from metal refineries; erosion of natural deposits                           |
| 3. Chromium | N | 2017    | 7     | No Range | ppb | 100 | 100    | Discharge from steel and pulp mills; erosion of natural deposits   |
| 4. Copper   | N | 2017/19 | 5     | 0        | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives               |
| 7. Lead     | N | 2017/19 | 4     | 0        | ppb | 0   | AL=15  | Corrosion of household plumbing systems; erosion of natural deposits; erosion of sewage; erosion of natural deposits |

**Disinfection By-Products**

|          |   |      |     |          |      |   |        |   |
|----------|---|------|-----|----------|------|---|--------|---|
| 1. HAAS  | N | 2017 | 4   | No Range | ppb  | 0 | 60     | By-Product of drinking water disinfection |
| Thiohale | N | 2017 | 1.2 | 1.1-1.3  | mg/l | 0 | MDRL=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 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 constituents have been detected however the EPA has determined that your water is SAFE at these levels.

RN HERALD, a news-  
liberty, Amite County,  
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**QUALITY REPORT**  
**SOCIATION, INC.**

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2018  
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Publisher  
bed before me, this  
of MAY, 2018

Notary Public

MARCH 6, 2019  
R.S. FEE

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