

2019 CERTIFICATION 2020 JUN 25 AM 9:54  
Consumer Confidence Report (CCR)

Sylvarena Water Association

Public Water System Name

MS 0650010

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)* 6-10-2020
- On water bills *(Attach copy of bill)* 6-1-2020
- Email message *(Email the message to the address below)*
- Other \_\_\_\_\_

Date(s) customers were informed: 6/1/2020 6/10/2020 / /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: Smith County Reformer

Date Published: 6/10/2020

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

Mack Lee, Sr./ma  
Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

6-23-2020  
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, 2020!**

*Annual Drinking Water Quality Report* 2020 JUN 25 AM 9: 54  
*Sylvarena Water Association*  
*PWS ID # 0650010*  
*May 2020*

We're pleased to present to you this year's Annual Water Quality 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 consists of 2 wells that draw from the Sparta Sand Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for Sylvarena Water Association received a lower susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Mack Lee at 601-764-2655. 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 2<sup>nd</sup> Monday of each month at 28582 Hwy 18 East, Raleigh, MS at 7:00 pm.

Sylvarena Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2019. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose 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.

**Treatment Technique (TT)** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**Maximum Contaminant Level** - 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** - 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.

## 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  |
|---|---------------|----------------------|----------------|--|------------------|-------------|--------|---|
|   |               |                      |                |  |                  | 2020 JUN 25 |        | AM 9: 54  |
| <b>Inorganic Contaminants</b>                       |               |                      |                |  |                  |             |        |   |
| 10. Barium  | N             | 2019                 | 0.0014         | No Range   | Ppm              | 2           | 2      | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits                                |
| 13. Chromium  | N             | 2019                 | 1.9            | No Range   | Ppb              | 100         | 100    | Discharge from steel and pulp mills; erosion of natural deposits  |
| 14. Copper  | N             | 1/1/15 to 12/31/17 * | 0.3            | None   | ppm              | 1.3         | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives                    |
| 16. Fluoride  | N             | 2019                 | 0.184          | Non Range  | ppm              | 4           | 4      | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| 17. Lead  | N             | 1/1/15 to 12/31/17 * | 1              | None   | ppb              | 0           | AL=15  | Corrosion of household plumbing systems, erosion of natural deposits  |
| <b>Disinfectants &amp; Disinfectant By-Products</b> |               |                      |                |  |                  |             |        |   |
| Chlorine (as Cl <sub>2</sub> )                      | N             | 1/1/19 to 12/31/19   | 1.90           | 1.00 to 2.50                                       | ppm              | 4           | 4      | Water additive used to control microbes   |
| 73. TTHM [Total trihalomethanes]                    | N             | 2016*                | 61.7           | No Range   | ppb              | 0           | 80     | By-product of drinking water chlorination   |
| HAA5  | N             | 2016*                | 58             | No Range   | ppb              | 0           | 60     | By-product of drinking water chlorination   |
| <b>Unregulated Contaminants</b>                     |               |                      |                |  |                  |             |        |   |
| Sodium  | N             | 2019                 | 94000          | 93000 to 94000                                     | ppb              | 0           | 250000 | Road salt, water treatment chemicals, water softeners and sewage effluents  |

\* Most recent sample results available

### 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. Sylvarena Water Association 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 for \$10 per sample. 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 (800-426-4791).

This report is being published in the paper and will not be mailed. Please call our office if you have questions.

2020 JUN 25 AM 9:54

Sylvarena Water Association  
205 SCR 101  
Raleigh, MS 39153

5 Marcella Butler  
Bill Date: 06/01/20  
Service from 04/20/20 to 05/20/20

Balance Forward \$0.00  
PREV 1653800 PRES 1665400  
CONS 11600 CHARGE \$55.70  
29968 Hwy 18-E Bay Springs, MS 39422

Sales Tax \$0.00  
Net Amount Due \$55.70  
Penalty after 06/15/20 \$5.57  
Gross Amount Due \$61.27

Net Due: \$55.70  
Penalty after 06/15/20 \$5.57  
Gross Due: \$61.27

----->>> The annual Consumer Confidence Report on water quality will be published up  
in the Smith County Reformer on June 10, 2020. A copy of the report can be picked up  
at Manager Linda Tullos' residence, 205 SCR 101, Raleigh, MS 39153

Sylvarena Water Association  
205 SCR 101  
Raleigh, MS 39153

10 Lee Barnes  
Bill Date: 06/01/20  
Service from 04/20/20 to 05/20/20

Balance Forward \$0.00  
PREV 201800 PRES 204800  
CONS 3000 CHARGE \$26.75  
29554 Hwy 18-E Bay Springs, MS 39422

Sales Tax \$0.00  
Net Amount Due \$26.75  
Penalty after 06/15/20 \$2.68  
Gross Amount Due \$29.43

Net Due: \$26.75  
Penalty after 06/15/20 \$2.68  
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RALEIGH, MS  
PRE-SORT  
2020 JUN 25 AM 9:54

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# ANNUAL DRINKING WATER QUALITY REPORT

SYLVARENA WATER ASSOCIATION, INC.

PWS ID#: 0650010 25 AM 9:54

May 2020

## PROOF OF PUBLICATION

The State of Mississippi, 25 AM 9:54  
County of Smith

PERSONALLY CAME before me, the Notary Public in and for SMITH MISSISSIPPI the OFFICE CLERK of COUNTY REFORMER, a newspaper published in Raleigh, Smith County, in said State duly sworn, deposes and says that the SMITH COUNTY REFORMER is a newspaper as defined and § 13-3-31 of the Mississippi Code 1972 that the publication of a notice, of which the copy, in the matter of

Sylvarena Water Association- Water Re

has been made in said paper 1 times to-wit:

On the 10 day of June 2020

On the \_\_\_ day of \_\_\_ 20\_\_

On the \_\_\_ day of \_\_\_ 20\_\_

On the \_\_\_ day of \_\_\_ 20\_\_

*Felicia Ernest*  
OFFICE CLERK

SWORN to and subscribed before me, this th

23<sup>rd</sup> day o

JUNE 2020

*Ellen E. Paul*  
NOTARY PUBLIC



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 consists of 2 wells that draw from the Sparta Sand Aquifer.

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| PWS ID # 0650010                                    |               | TEST RESULTS      |                |                            |                  |      |       |  |  |  |  |
|---|---------------|-------------------|----------------|----------------------------|------------------|------|-------|--|--|--|--|
| Constituent   | Violative Y/N | Date Collected    | Level Detected | Range of Values or MCL/AQL | Unit Measurement | MCLG | MCL   | Likely Source of Contamination   |  |  |  |
| <b>Inorganic Contaminants</b>                       |               |                   |                |                            |                  |      |       |  |  |  |  |
| 10. Barium  | N             | 2019              | 0.0014         | No Range                   | ppm              | 2    | 2     | Discharge of drilling water; discharge from metal refineries; erosion of natural deposit                                 |  |  |  |
| 13. Chlorine  | N             | 2019              | 1.9            | No Range                   | ppb              | 100  | 100   | Discharge from steel & pulp mills; erosion of natural deposit  |  |  |  |
| 14. Copper  | N             | 01/05 to 02/01/17 | 0.3            | None                       | ppm              | 1.3  | ALL-3 | Corrosion of household plumbing system; erosion of natural deposit; leaching from wood preservatives                     |  |  |  |
| 16. Fluoride  | N             | 2019              | 0.154          | No Range                   | ppm              | 4    | 4     | Erosion of natural deposit; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |  |  |  |
| 17. Lead  | N             | 01/05 to 02/01/17 | 2              | None                       | ppb              | 0    | ALL-3 | Corrosion of household plumbing system; erosion of natural deposit   |  |  |  |
| <b>Disinfectants &amp; Disinfectant By-Products</b> |               |                   |                |                            |                  |      |       |  |  |  |  |
| Chlorine (as Cl <sub>2</sub> )                      | N             | 02/19 to 02/01/19 | 1.90           | 1.00 to 2.50               | ppm              | 4    | 4     | Water additive used to control microbes  |  |  |  |
| 13. THM4 Total trihalomethanes                      | N             | 2019              | 61.7           | No Range                   | ppb              | 0    | 80    | By-product of drinking water chlorination  |  |  |  |
| HAAs  | N             | 2019              | 38             | No Range                   | ppb              | 0    | 50    | By-product of drinking water chlorination  |  |  |  |
| <b>Unregulated Contaminants</b>                     |               |                   |                |                            |                  |      |       |  |  |  |  |
| 16. Arsenic   | N             | 2019              | 94000          | 50000 to 94000             | ppb              | 0    | 10000 | Road salt; water treatment chemicals; water softener and spring effluent   |  |  |  |

\*Most recent sample results available.

### Additional Information for Lead.

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