CERTIFICATION
Consumer Confidence Report (CCR)

Sylvanena Water Association
Public Water Supply Name

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 to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, 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 mail, fax or email a copy of the CCR and Certification to 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 (MUST Email the message to the address below)
☐ Other

Date(s) customers were informed: 6/17/17, 6/17/17

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used

Date Mailed/Distributed: 6/17/17

CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: 6/17/17

☐ As a URL (Provide 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: 6/17/17

CCR was posted in public places. (Attach list of locations) Date Posted: 6/17/17

CCR was posted on a publicly accessible internet site at the following address (DIRECT URL REQUIRED):

CERTIFICATION
I hereby certify that the Consumer Confidence Report (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 public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Name/Title (President, Mayor, Owner, etc.) Mack Lee

Date 6/30/17

Submission options (Select one method ONLY)

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215
Fax: (601) 576 - 7800 Email: water.reports@msdh.ms.gov

CCR Deadline to MSDH & Customers by July 1, 2017!
PROOF OF PUBLICATION

The State of Mississippi,
County of Smith

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

Annual Drinking Water Quality Report-

Sylvarena Water Association

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

On the 7 day of June 2017

On the day of 2017

On the day of 2017

On the day of 2017

Felicia Earnest
OFFICE CLERK

SWORN to and subscribed before me, this the

20 day of

Words

Cost
ANNUAL DRINKING WATER QUALITY REPORT
SEVENARNA WATER ASSOCIATION
PWS ID #: 0630910
MAY 2017

This is an annual drinking water quality report. The report is required to be provided by the California Department of Public Health to the public and the California Water Resources Board. This report is intended to ensure the drinking water quality meets the current state and federal requirements.

We re-placed all drinking water sources of supply with new treatment standards.

We maintain water quality through a comprehensive monitoring and analysis program. The program includes monitoring for lead, copper, asbestos, and other contaminants. This program helps us maintain and improve the quality of our drinking water.

We have implemented new treatment processes that are designed to reduce the levels of contaminants in the water. These processes include:

- Coagulation
- Flocculation
- Sedimentation
- Filtration
- Disinfection

We are committed to reducing the levels of contaminants in our drinking water to ensure the health and safety of our customers.

If you have any questions or concerns about your drinking water, please contact Matt Lee at 619-747-3500.

The Syvanarina Water Association is committed to providing you with the highest quality drinking water. We are always looking for ways to improve our processes and reduce the levels of contaminants in our water.

If you have any questions or concerns about your drinking water, please contact Matt Lee at 619-747-3500.

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<table>
<thead>
<tr>
<th>Table Body</th>
<th></th>
<th></th>
</tr>
</thead>
</table>

**Monitored by:**

**Significant deficiencies (result in contamination):**

- **Significant deficiencies:**
  - [Description of significant deficiencies]

- **Monitored by:** [Name]
Annual Drinking Water Quality Report
Sylvarena Water Association
PWS ID # 0650010
May, 2017

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 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 601-794-2655. 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 first Monday of each month at 7:00 p.m. Please call the office for meeting location.

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 1st to December 31" 2016. 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

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Violation Y/N</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Detects or # of Samples Exceeding MCL/ACL</th>
<th>Unit Measurement</th>
<th>MCLG</th>
<th>MCL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inorganic Contaminants</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Barium</td>
<td>N</td>
<td>2016</td>
<td>.0009</td>
<td>No Range</td>
<td>Ppm</td>
<td>2</td>
<td>2</td>
<td>Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits</td>
</tr>
<tr>
<td>14. Copper</td>
<td>N</td>
<td>1/1/12 to 12/31/14*</td>
<td>0.3</td>
<td>None</td>
<td>ppm</td>
<td>1.3</td>
<td>AL=1.3</td>
<td>Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives</td>
</tr>
<tr>
<td>16. Fluoride</td>
<td>N</td>
<td>2016</td>
<td>0.172</td>
<td>No Range</td>
<td>ppm</td>
<td>4</td>
<td>4</td>
<td>Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories</td>
</tr>
<tr>
<td>17. Lead</td>
<td>N</td>
<td>1/18/12 to 12/31/14*</td>
<td>1</td>
<td>None</td>
<td>ppb</td>
<td>0</td>
<td>AL=15</td>
<td>Corrosion of household plumbing systems, erosion of natural deposits</td>
</tr>
<tr>
<td><strong>Disinfectants &amp; Disinfectant By-Products</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chlorine (as Cl2)</td>
<td>Y</td>
<td>1/1/16 to 12/31/16</td>
<td>2.20</td>
<td>0.80 to 3.20</td>
<td>ppm</td>
<td>4</td>
<td>4</td>
<td>Water additive used to control microbes</td>
</tr>
<tr>
<td>73. TTHM [Total trihalomethanes]</td>
<td>N</td>
<td>2016</td>
<td>48.8</td>
<td>No Range</td>
<td>ppb</td>
<td>0</td>
<td>80</td>
<td>By-product of drinking water chlorination</td>
</tr>
<tr>
<td>HAA5</td>
<td>N</td>
<td>2016</td>
<td>21.0</td>
<td>No Range</td>
<td>ppb</td>
<td>0</td>
<td>60</td>
<td>By-product of drinking water chlorination</td>
</tr>
</tbody>
</table>

*Most recent sample results available

<table>
<thead>
<tr>
<th>TT Violation</th>
<th>Explanation</th>
<th>Duration of Violation</th>
<th>Corrective Actions</th>
<th>*Health Effects Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Water Rule</td>
<td>Failure to take corrective action within required timeframe</td>
<td>Jul-16 - Aug-16</td>
<td>This system has entered into a bilateral compliance agreement, issuing working with the State on an agreement, and/or corrected the deficiency.</td>
<td>Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.</td>
</tr>
</tbody>
</table>

**Monitoring and Reporting of Compliance Data Violation:**

During the month of July-2016, we received a violation for: Failure to take corrective action within Required Timeframe.

**Significant Deficiencies:**

During a sanitary survey conducted on 12/15/2014, the Mississippi Department of Health cited the following significant deficiency(s):

- Negative pressure that could result in contamination

**Corrective Actions:**

MSDH is currently working with this system to return them to compliance since expiration of the compliance deadline. We anticipate the system being returned to compliance by 6/30/2017.

**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 being published in the paper will not be mailed. Please call our office if you would like a copy or have any questions.