

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY

2016 JUN -1 AM 8:27

CCR CERTIFICATION  
CALENDAR YEAR 2015

Casilla Water Association  
Public Water Supply Name

0680001  
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: 5/20/16 / / , / /

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 (MUST Email MSDH a copy)

Date Emailed: \_\_\_ / \_\_\_ / \_\_\_

- 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: \_\_\_\_\_

Date Published: \_\_\_ / \_\_\_ / \_\_\_

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

Date Posted: 5/11/16

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

\_\_\_\_\_

**CERTIFICATION**

I hereby certify that the 2015 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.

Ligh Ann Cooper  
Name/Title (President, Mayor, Owner, etc.)

5/11/16  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601)576-7800

May be emailed to:

[water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov)

**CCR Due to MSDH & Customers by July 1, 2016!**

2015 Annual Drinking Water Quality Report  
 Cascilla Water Association  
 PWS#: 0680001  
 April 2016

2016 JUN -1 AM 8: 27

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 Upper Wilcox Aquifer.

If you have any questions about this report or concerning your water utility, please contact Glen A. Smith at 662.647.7511. 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 third Monday of each month at 6:00 PM at Well House on Whitten Road.

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 Cascilla Water Association have received lower rankings in terms of susceptibility to contamination.

We routinely monitor for constituents 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>, 2015. In cases where monitoring wasn't required in 2015, 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 constituents. It's important to remember that the presence of these constituents 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>Microbiological Contaminants</b>								
1. Total Coliform Bacteria	Y Y	September November	Monitoring Positive	5	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
<b>Inorganic Contaminants</b>								
10. Barium	N	2013*	.053	.052 - .053	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

13. Chromium	N	2013*	.7	.5 - .7	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
16. Fluoride	N	2013*	.13	.115 - .13	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2012/14*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

### Disinfection By-Products

81. HAA5	N	2013*	3	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2013*	5.5	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2015	1.4	2 - 2	mg/l	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2015.

#### Microbiological Contaminants:

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In September 2015 we were required to take one sample for chlorine and bacteriological testing. We took zero (0) samples and therefore we cannot be sure of the quality of our drinking water during that time. We have since taken all required samples and the system has been returned to compliance.

We routinely monitor for the presence of drinking water contaminants. During November 2015, we took 5 samples for coliform bacteria. All five (5) of those samples showed the presence of coliform bacteria. The standard is that no more than 1 of our sample per month may do so. Follow up samples were taken that didn't show the presence of coliform bacteria, therefore the problem has been resolved & no further action is required.

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

During a sanitary survey conducted on 3/20/2014, the Mississippi State Department of Health cited the following significant deficiency(s):

Lack of redundant mechanical components where treatment is required.

**Corrective Actions:** MSDH is currently working with this system to return them to compliance since the expiration of the compliance deadline. We anticipate the system being returned to compliance by 6/30/2016.

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 Cascilla Water Association 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.

2016 JUN -1 AM 8: 27

Cascilla Water Association  
 P.O. Box 157  
 Charleston, MS 38921  
 (662) 647-2846

FIRST CLASS MAIL  
 U.S. POSTAGE  
 CHARLESTON, MS  
 PERMIT NO. 423

Cascilla Water Association

TYPE OF SERVICE	METER READING		USED	CHARGES
	PRESENT	PREVIOUS		
Water	790900	786800	4,100	30.50
Late Fee				2.78
Past Due				56.28

CUSTOMER		PAY GROSS AMOUNT AFTER THIS DATE
ROUTE	ACCOUNT	
1	1	6/10/16
NET AMOUNT TO BE PAID		GROSS AMOUNT TO BE PAID
89.56		92.89

MAIL THIS STUB WITH YOUR PAYMENT

Service From 4/22/2016 TO 5/24/2016 ACCOUNT 1 5/26/16

MIKE KENDALL  
 625 WHITTEN ROAD  
 CASCILLA MS 38920

METER READ		CLASS	NET AMOUNT TO BE PAID	PAY EARLY SAVE THIS!	GROSS AMOUNT TO BE PAID
MONTH	DAY				
5	24	1	89.56	3.33	92.89

This bill is due on the 10th. If the balance is not paid in full or satisfactory arrangements made, this service is subject to disconnection on the 20th. There will be an additional charge of \$75.00 to have the service reconnected. 2015 CCR is posted at Debra Goodwin, CPA, Cascilla Post Office & CWA Office

*Cascilla Water Association, Inc.*

P.O. Box 157

Charleston, MS 38921

Phone: 662-647-2846 Fax: 662-647-2889

Email: [cascilla.water.assoc@gmail.com](mailto:cascilla.water.assoc@gmail.com)

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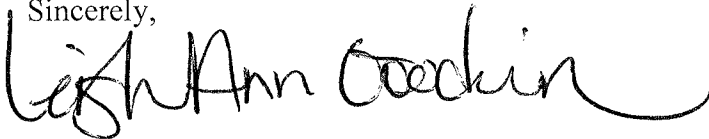
May 11, 2016

Mississippi State Department of Health,

The CCR was posted in the following public places:

1. Debra G. Goodwin, C.P.A.
2. Cascilla, MS Post Office
3. Cascilla Water Association Office

Sincerely,



Leigh Ann Goodwin  
Bookkeeper