

# 2017 CERTIFICATION

2018 JUN -4 AM 9:04

## Consumer Confidence Report (CCR)

Buffalo Water Asso., Inc.

Public Water System Name

0790002

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 Woodville Republican

Date Published: 5 / 17 / 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

Patsy Carver / Secretary - Treasurer  
Name/Title *(President, Mayor, Owner, etc.)*

5/29/2018  
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](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!

2018 MAY 16 PM 1:21

*Annual Drinking Water Quality Report*  
*Buffalo Water Association*  
*PWS ID # 0790002*  
*May 2018*

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 3 wells that draw from the Miocene Series 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 Buffalo 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 Patsy Cavin at 601-888-6977. 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 3<sup>rd</sup> Thursday of each month at the Corinth Church of Christ at 7:00 pm.

Buffalo 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>, 2017. 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
<b>Radioactive Contaminants</b>								
5. Alpha emitters	N	2012*	2	No Range	PCi/1	0	15	Erosion of natural deposits
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2016*	0.90	No Range	Ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2016*	0.0949	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	0.80	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	0.4	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2016*	0.198	No 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	2	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	1/1/17 to 12/31/17	1.0	0.28 to 1.61	ppm	4	4	Water additive used to control microbes

\* 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. Buffalo 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 would like a copy or if you have any questions.

# PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI,  
Wilkinson County

WOODVILLE, MISS., Thursday, May 17, 2018

PERSONALLY appeared before me the undersigned Notary Public,  
ANDY J. LEWIS, Editor of THE WOODVILLE REPUBLICAN, who being duly  
sworn says on oath that the publication, a copy of which is hereto attached,  
was published in THE WOODVILLE REPUBLICAN, a newspaper published in  
said County and State, for 1 successive weeks, and being numbers

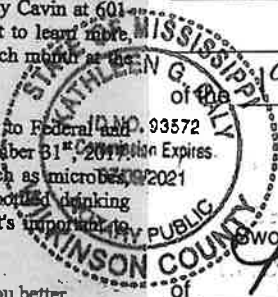
3

dated Thursday, May 17, 2018

\_\_\_\_\_ volume of said newspaper.

Andy Lewis Editor

I have sworn to and subscribed before me this 17th day  
May, 2018  
Kathleen B. Daly, Notary Public  
Commission Expires: 07-09-2021



Woodville, MS 39669 • Phone: 601-888-4293 • Email: wrepublikan@bellsouth.net

**Annual Drinking Water Quality Report**  
**Buffalo Water Association**  
PWS ID # 0790002  
May 2018

year's Annual Water Quality Report. This report is designed to inform you  
we deliver to you every day. Our constant goal is to provide you with a safe  
water. We want you to understand the efforts we make to continually improve  
protect our water resources. We are committed to ensuring the quality of your  
wells that draw from the Miocene Series Aquifer.

Completed for the water supply to determine the overall susceptibility of its  
sources of contamination. The water supply for Buffalo Water Association  
is not contaminated.

Drinking water meets all federal and state requirements.

For a report or concerning your water utility, please contact Patsy Cavin at 601-  
935-7200. Customers should be informed about their water utility. If you want to learn more,  
attend scheduled meetings. They are held on the 3<sup>rd</sup> Thursday of each month.

Monitors for constituents in your drinking water according to Federal and State  
requirements. The period of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>,  
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radioactive substances. All drinking water, including bottled drinking  
water, contains at least small amounts of some constituents. It's important to know  
that the presence of these constituents does not necessarily pose a health risk.

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understand the following definitions:

Contaminant which, if exceeded, triggers treatment or other requirements

Reverse osmosis technique is a required process intended to reduce the level of a

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permitted in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment

"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				
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No Range	PCU/l	0	15	Erosion of natural deposits
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No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
0.28 to 1.61	ppm	4	4	Water additive used to control microbes