

2018 CERTIFICATION
Consumer Confidence Report (CCR)
BUFFALO WATER ASSOCIATION, INC.

Public Water System Name
MS0790002

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: ____ / ____ / 2019 / / 2019 / / 2019

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: ____ / ____ / 2019

- 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: 5/30/2019

CCR was posted in public places. *(Attach list of locations)* Date Posted: ____ / ____ / 2019

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

Dwight E. Carr

Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

6/5/2019

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

Fax: (601) 576 - 7800

****Not a preferred method due to poor clarity****

CCR Deadline to MSDH & Customers by July 1, 2019!

RECEIVED - WATER SUPPLY
2019 JUN -3 PM 1:04

Annual Drinking Water Quality Report
Buffalo Water Association
PWS ID # 0790002
May, 2019

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 three 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 our Annual Meeting being held on the third Thursday in August at 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 1st to December 31st, 2018. 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
Inorganic Contaminants								
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*	0.09494	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
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl2)	N	1/1/18 to 12/31/18	1.10	0.55 to 1.40	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 being published in the paper will not be mailed. Please call our office if you have questions.

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of your water and the 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 three wells that draw from the Missisquoi 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 for 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 601-888-9777. We want our valued customers to be informed about their water utility. If you want to learn more, please attend our Annual Meeting being held on the third Thursday in August at Corinth Church of Christ at 7:00 pm.

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TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Lead Detected	Range of Deviation of Reported MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
1. Arsenic	N	2016*	0.06	No Range	Ppb	50	50	Emission of natural deposits, runoff from agricultural operations, and discharge from metal refineries, discharge from metal refineries, erosion of natural deposits
10. Barium	N	2016*	0.0454	No Range	Ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
13. Chromium	N	2016*	0.00	No Range	Ppb	100	100	Discharge from steel and pulp mills, leachate of natural deposits
14. Copper	N	1/1/15 to 12/31/17	0.1	None	Ppm	1.3	AL=1.3	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
16. Fluoride	N	2016	0.118	No Range	Ppm	4	4	Leaching from natural deposits, water treatment processes
17. Lead	N	1/1/15 to 12/31/17	2	None	Ppb	0	AL=15	Leaching from household plumbing systems, erosion of natural deposits
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl ₂)	N	1/1/18 to 12/31/18	1.10	0.55 to 1.40	Ppm	4	4	Water additive used to control microbes

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PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI,
Wilkinson County

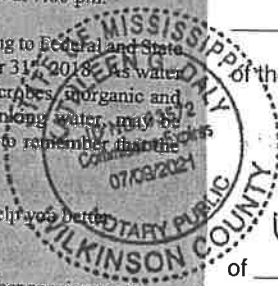
WOODVILLE, MISS., Thursday, May 30, 2019

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

5
dated Thursday, May 30, 2019

of the 195 volume of said newspaper.

Andy Lewis Publisher
Sworn to and subscribed before me this 30th day
of May, 2019
Kathleen J. 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, 2019

Annual Water Quality Report. This report is designed to inform you about
water to you every day. Our constant goal is to provide you with a safe and
clean water supply. We want you to understand the efforts we make to continually improve the water
resources. We are committed to ensuring the quality of your water. Our water
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 a combination of
groundwater and surface water. The water meets all federal and state requirements.

If you have any questions or concerns regarding your water utility, please contact Patsy Cavin at 601-888-
4293. You will be informed about their water utility. If you want to learn more, please attend
the next meeting on Thursday in August at Corinth Church of Christ at 7:00 pm.

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requirements for the period of January 1st to December 31st, 2018. As water
can pick up substances or contaminants such as microbes, inorganic and
organic substances. All drinking water, including bottled drinking water, may be
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presence of these substances does not necessarily pose a health risk.

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