

2013 JUN 25 AM 8:53

BUFFALO WATER ASSOCIATION

Public Water Supply Name

0790002

PWS ID # ('s):

The Federal Safe Drinking Water Act 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. **Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please check all boxes that apply.**
Please Answer the Following Questions Regarding the Consumer Confidence Report

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)
- E-mail message (MUST Email the message to the address below)
- Other _____

Date customers were informed: ____/____/____

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

Date mailed/distributed: ____/____/____

CCR was published in local newspaper. *(Attach copy of published CCR and proof of publication)*

Name of Newspaper: The Woodville Republican

Date Published: 06 / 20 / 2013

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

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

CERTIFICATION:

I hereby certify that the 2012 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.

Sally D. Smith
Name/Title (President, Mayor, Owner, etc.)

6/24/13
Date

This Consumer Confidence Report (CCR) was completed by MS Cross Connection, LLC with information provided by the above Public Water System and is certified only to be as true & correct as the information provided.

Susan Boyett
Signature

6-11-13
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:
Melanie.Yanklowski@msdh.state.ms.us**

Annual Drinking Water Quality Report
Buffalo Water Association
PWS ID # 0790002
June, 2013

2013 JUN 25 AM 8: 53

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 two primary and one back-up well that draws from the Miosene 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 third Tuesday of each month at the Church of Christ at 1754 Buffalo Rd. In Woodville at 7:00 p.m. Our Annual Meeting will be the third Tuesday in August.

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, 2012. 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 | | 0.70 | No Range | Ppb | n/a | 50 | Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes |
| 10. Barium | N | | 0.0908 | No Range | Ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 13. Chromium | N | | 1.60 | No Range | Ppb | 100 | 100 | Discharge from steel and pulp mills; erosion of natural deposits |
| 14. Copper | N | 1/1/09 to 12/31/11* | 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 | | 0.143 | No Range | ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| 17. Lead | N | 1/1/09 to 12/31/11* | 3 | None | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| Disinfectants & Disinfection By-Products | | | | | | | | |
| Chlorine (as Cl2) | N | 1/1/12 to 12/31/12 | 0.90 | 0.44 to 1.20 | ppm | 4 | 4 | Water additive used to control microbes |

*Most recent sample results available

*****MONITORING VIOLATION*****

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. For the sample period ending 9/30/12 we did not monitor for Volatile Organic Compounds (VOC) and therefore cannot be sure of the quality of our drinking water during that time. We have since taken the required samples and results show we are meeting drinking water standards.

*****APRIL 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING*****

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 - December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rules. If you have any questions, please contact Karen Walters, Director of Compliance and Enforcement, Bureau of Public Water Supply, at 601-576-7518.

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).

Please call our office if you have questions.

PROOF OF PUBLICATION 2013 JUN 25 AM 8:53

THE STATE OF MISSISSIPPI, Wilkinson County

Annual Drinking Water Quality Report
Buffalo Water Association
PWS ID # 0290002
June 2013

We're pleased to present to you our 2013 Annual Water Quality Report. This report is designed to inform you about the quality of water and services we deliver to you every day. Our overall goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the effects 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 two primary and one back-up wells that draw from the Mississippian 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.

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If you have any questions about this report or concerning your water utility, please contact Faye Davis at 601-888-0977. 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 Tuesday of each month at the Church of Christ at 1724 Buffalo Rd. in Woodville at 7:00 p.m. Our Annual Meeting will be held Tuesday in August.

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Table with 10 columns: Contaminant, Violation M, Date Collected, Level, Range of Results of MCLG, Unit, MCL, MCLG, and Daily Volume of Consumption. Rows include Inorganic Contaminants (Arsenic, Barium, Chloride, Copper, Fluoride, Lead) and Disinfection By-Products (Chloroform).

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Please call our office if you have questions.

WOODVILLE, MISS., Thursday, June 20, 2013
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 7 dated Thursday, June 20, 2013
of no. 189 volume of said newspaper.
Andy J. Lewis Editor
Sworn to and subscribed before me this 20th day of June, 2013
Attest:
Commission Expires: 07-09-2013
Woodville, MS 39066 • Phone: 601-888-4793 • Email: wvrepub@bellsouth.net