

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION FORM
CALENDAR YEAR 2012

RECEIVED - WATER SUPPLY
2013 JUN 18 PM 3:31

City of Union
Public Water Supply Name

0510011
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: 5/15/2013 / /

- 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 Newton County Appeal
Date Published: 5 / 15 / 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.


Name/Title *(President, Mayer, Owner, etc.)*

6-17-13
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.


Signature

4-30-13
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**

2013 JUN 18 PM 3: 31

PROOF OF PUBLICATION

STATE OF MISSISSIPPI
COUNTY OF NEWTON

Personally came before me the undersigned authority, in and for the County and State aforesaid Luke Horton, who being by me duly sworn, states on oath that he is the Publisher of *The Newton County Appeal*, a newspaper published in Newton County, Mississippi. A copy of which is hereto attached, has been made in said paper 1 times consecutively, to-wit:

Vol. No. 140 No. 41 Date 5-15, 2013

For:

City of Union

Vol. No. _____ No. _____ Date _____, 20____

Vol. No. _____ No. _____ Date _____, 20____

Vol. No. _____ No. _____ Date _____, 20____

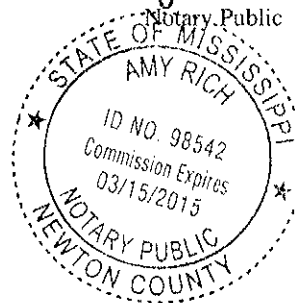
Vol. No. _____ No. _____ Date _____, 20____

Publisher Signature: [Signature]

Sworn to and subscribed before me,

this 17th day of May, 2013

[Signature: Amy Rich]



Paste clipping here

1185 words

Publication: \$ 142.20

Proof: \$ 3.00

TOTAL: \$ 145.20

2012 Annual Drinking Water Quality Report

City of Union PWS#:0510011 April, 2013

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 two wells drawing from the Meridian Upper Wilcox Aquifer.

A source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential

sources of contamination. The water supply for the City of Union 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 Don Thomas at 601-774-9045 or 601-562-5892. 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 Tuesday of each month at Union City Hall at 7:00 PM.

The City of Union 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, 2012.

As water travels over the surface of 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 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 (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.

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								
10. Barium	N	2011*	.0214	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011*	6	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Fluoride	N	2011*	0.661	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2011*	1	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products and Disinfectant By-Products

Chlorine (as Cl ₂)		1/1/12 to 12/31/12	0.80	0.80 to 0.80	ppm	4	4	Water additive used to control microbes
73. TTHM (Total Trihalomethanes)		2011*	14	None	ppb	0	80	By-product of drinking water chlorination
HAAS (Haloacetic acids)		2011*	9	None	ppb	0	60	By-product of drinking water chlorination

*Most recent sample results available

To comply with the "Regulation Governing Fluoridation of Community Water Supplies" the City of Union is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 3. The percentile of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 31%.

APRIL 1, 2013 A 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 the 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. Our 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 contami-

nants 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.

This report is being published in the local newspaper and will not be mailed. If you would like a copy, please contact the City of Union office.