

**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

City of Marks  
Public Water Supply Name

06000071

List PWS ID #s for all Water Systems Covered by this CCR

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 to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

*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
- On water bills
- Other \_\_\_\_\_

Date customers were informed: 6/28/2012

CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed:    /   /   

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

Name of Newspaper: Quitman County Democrat

Date Published: 6/28/2012

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

Date Posted: 6/20/2012 @ City Hall, Marks, MS

CCR was posted on a publicly accessible internet site at the address: www.\_\_\_\_\_

**CERTIFICATION**

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. 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.

Joe Sheppard, Mayor  
Name/Title (President, Mayor, Owner, etc.)

June 27, 2012  
Date

June 28, 2012

Quitman County Democrat

**2011 Annual Drinking Water Quality Report**  
**City of Marks**  
**PWS ID# 0640003**  
**June 2012**

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about from where your water comes, what it contains, and how it compares to standards set by regulatory agencies. 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 and to providing you with this information, because informed customers are our best allies. Our water source is groundwater. Our wells draw from the Meridian Upper Wilcox Aquifer.

A Source Water Assessment has been completed for our public water system to determine the overall susceptibility of the drinking water supply and to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water supply and is available upon request. The wells for The City of Marks have received moderate susceptibility rankings.

If you have any questions about this report or concerning your water, please contact Henry Bonner at 662-326-3161. 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 at 4 P.M. on the first Tuesday of each month at City Hall.

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The table below lists all the drinking water contaminants that we detected in the last round of sampling for the particular contaminant group. Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, (2011). As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. All drinking water, including bottled water, may be reasonably expected to contain at least small amounts of some constituents. The presence of contaminants does not necessarily indicate that 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:

**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 (ug/L)** - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

**Action Level (AL)** - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Maximum Contaminant Level (MCL)** - 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 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.

Inorganic Contaminants							
Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	2010	N	0.027	NO RANGE	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Fluoride (ppm)	2011	N	0.75	0.11-0.75	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate (as nitrogen)	2011	N	0.24	NO RANGE	10	10	Run off from fertilizer; leaching from septic tanks; sewage erosion of natural deposits.
Lead and Copper Contaminants							
Contaminant (units)	Sample Date	Your Water	# of sites found above the AL	MCLG	MCL	Likely Source of Contamination	
						Corrosion of household	

Copper (ppm) (90 <sup>th</sup> percentile)	2008/11	0.2	0	1.0	AL=1.0	plumbing systems; erosion of natural deposits; leaching from wood preservatives; Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb) (90 <sup>th</sup> percentile)	2008/11	7	0	0	AL=15	

Contaminant (units)	MCL/MRDL Violation	Year (AVG)	Range Low High	MCLG	MCL	Likely Source of Contamination
Chlorine (ppm)	N	0.28	0 - 0.28	MRDLG = 4	MADL = 4	Water additive used to control microbes

\*Most Recent Sample. No sample required for 2011

**MONITORING AND REPORTING OF COMPLIANCE DATA VIOLATIONS**

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. During April 2011, we did not complete all required monitoring or did not test according to required methods for total coliforms and, therefore cannot be sure of the quality of our drinking water during that time. We were required to take samples on two sites, due to a positive routine sample. We are required to take the samples within 24 hours. We took the required samples, however we were beyond the 24 hours.

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. The City of Marks 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 Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7512 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies" the CITY OF MARKS 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 1. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 33%.

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 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 (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).

**A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING**

In accordance with the Radionuclides Rule, all community public water systems 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 not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parkey, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The City of Marks 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.

This report is being published in the local newspaper and shall not be delivered as an individual mail out. However copies of this report are available and may be obtained from city hall.

2012 JUL -2 AM 9: 52

THE QUITMAN COUNTY DEMOCRAT  
317 Locust St. P O Box 328 Marks, MS 39646  
Phone 662-326-2181 Fax 662-326-2182  
Email quitmancodemocrat@att.net

# PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI

COUNTY OF QUITMAN

CAROL P. KNIGHT, personally appeared before me, the undersigned authority in and for said County and State, and states on oath that she is the CLERK of The Quitman County Democrat, a newspaper published in the City of Marks, State and County aforesaid, and having a general circulation in said county, and that the publication of the notice, a copy of which is hereto attached, has been made in a said paper Quitman County Democrat consecutive times, to wit:

Volume No. 106 on the 28 day of June 2012.  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 2012.  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 2012.  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 2012.

City of Marks  
2012

CKnight

AFFIANT

Sworn and subscribed before me, this the 28 day of June, 2012.

By Vivian B. Norris  
My Commission Expires 4-18-15

## Billing Information

- A. Single first insertion of \_\_\_\_\_ words @ .12 \$ \_\_\_\_\_
- B. week 2..... words @ .22 \$ \_\_\_\_\_
- C. week 2..... words @ .32 \$ \_\_\_\_\_
- D. week 2..... words @ .42 \$ \_\_\_\_\_

Proof of Publication

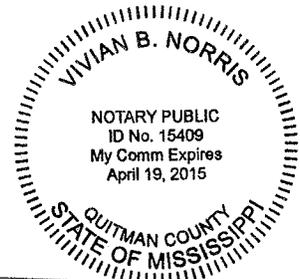
**TOTAL LEGAL BILLING FEE**

DUE UPON RECEIPT

THANK YOU!

\$3.00 ea.
\$ 387.00
400.00
3721.5

Bill by Special 3721.5



BILL TO:

City of Marks 340 Pecan St Marks, Ms

PHONE (w/ area code) \_\_\_\_\_

38646