

2009 JUN 29 AM 9: 03

APPROVED

## BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORMMarydell Water Assoc  
Public Water Supply Name400016

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: 6 112 109

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

Date Mailed/Distributed: 6 125 09 on Water Bill

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

Name of Newspaper: The CarthaginianDate Published: 6 112 109

- CCR was posted in public places. *(Attach list of locations)* Leake County Library

Date Posted: 6 122 09

- 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.

Carlton Brock President  
 Name/Title (President, Mayor, Owner, etc.)

6/16/09  
 Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215  
 Phone: 601-576-7518

# PROOF OF PUBLICATION

## THE STATE OF MISSISSIPPI, LEAKE COUNTY

Personally came before the undersigned Authority Brenda B. Howell duly qualified for Leake County, Mississippi Waid Prather, Publisher of *THE CARTHAGINIAN*, a newspaper, published in the City of Carthage, State and County aforesaid, who being duly sworn, deposes and says that publication of notice, of which the annexed is a copy, has been made in said paper 1 times consecutively, to wit.

**60 RADIOLOGICAL SAMPLING \*\*\*\*\***

Department of Health Radiological Health Laboratory, 2007

quarterly for radionuclides beginning January 2007

The Bureau of Public Water Supply is taking

Water Supply, at 601.576.7518.

We ask that all our customers help us protect our water

By-Pr	60	0	ppb
Disch	2	2	Ppm
Disch	100	100	ppb
Disch	1.3	1.3	ppm
Disch	0	0	ppb

AL=15  
AL=1.3

Vol 138 No 13 On the 11th day of June 2009

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Vol \_\_\_\_\_ No \_\_\_\_\_ On the \_\_\_\_\_ day of \_\_\_\_\_ 2009

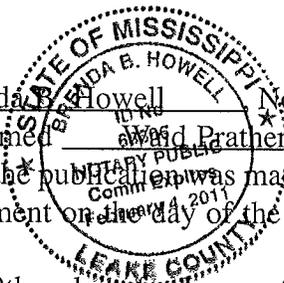
Vol \_\_\_\_\_ No \_\_\_\_\_ On the \_\_\_\_\_ day of \_\_\_\_\_ 2009

This 12th day of June 2009

Publisher - *THE CARTHAGINIAN*

## THE STATE OF MISSISSIPPI, LEAKE COUNTY

Personally appeared before me, Brenda B. Howell Notary Public of said County and State, the above named Waid Prather, Publisher, who being duly sworn declares that the publication was made as stated and that he signed the foregoing instrument on the 11th day of the year therein mentioned.



Given under my hand this 12th day of June 2009

, Notary Public

My commission expires on the 4th day of Feb. 2011

June 12, 2009

TO *THE CARTHAGINIAN* DR.

Publishing Marydell Water Association 2008 Annual Drinking Water Quality Report PWS#0400016

5 X 12" Ad words space 1 time and making 1 Proofs of Publication: \$444.00

Received of \_\_\_\_\_ Payment in full of above account \_\_\_\_\_ 2009.

Marydell Water Association

PWS#: 0400016

May 2009

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 Lower Wilcox Aquifer.

The 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 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 system and is available for viewing upon request. The wells for the Marydell Water Association have received lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Dale Edgar at 601-540-7795. 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 6:30 PM at the Marydell Volunteer Fire Station.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during for the period of January 1st to December 31st, 2008. In cases where monitoring wasn't required in 2008, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; inorganic contaminants, such as salts in metals, which can be naturally occurring or results from urban storm-water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. 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 indicate that the 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:

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

**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.

**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** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing, that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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 contaminant's. The presence of contaminant's does not necessarily indicate that the water poses a health risk. More information about contaminant's 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 contaminant's 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 contaminant's are available from the Safe Drinking Water Hotline 1-800-426-4791.

\*\*\*\*\* 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 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. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Marydell Water Association 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.

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>Inorganic Contaminants</b>								
10. Barium	N	2006*	.089	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	1	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
Chlorine	N	2008	1.05	.7 - 1.05	ppm	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2008.

ACCOUNT NO. SERVICE FROM SERVICE TO  
 SERVICE ADDRESS METER READINGS USED

CURRENT	PREVIOUS	USED
3568	3274	35

CHARGE FOR SERVICES  
 WTR 23.38  
 WTR 23.38  
 WTR 4.68  
 WTR 28.06

RETURN THIS STUB WITH PAYMENT TO:  
**MARYDELL WATER ASSOC.**  
 4160 MIDWAY • CARTHAGE, MS 39051  
 PHONE 601-267-7543

PRESORTED  
 FIRST-CLASS MAIL  
 U.S. POSTAGE  
 PERMIT 12  
 PAID  
 CARTHAGE, MS 39051

PAY NET AMOUNT ON OR BEFORE 10TH NET AMOUNT	DUE DATE	SAVE THIS	PAY GROSS AMOUNT AFTER 10TH GROSS AMOUNT
23.39	07/01/2009	4.68	28.06

FOR REPORT AVAILABLE AT OFFICE  
 CUT OFF DATE 20TH, NO NOTICE.

RETURN SERVICE REQUESTED

04-0040095  
 JOAN JOHNSON  
 1174 JOHNSON RD  
 CARTHAGE MS 39051-7546

# PROOF OF PUBLICATION

400016

## THE STATE OF MISSISSIPPI, LEAKE COUNTY

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**8 Annual Drinking Water**  
**Marydell Water Assn**  
**PWS#: 040001**  
**May 2009**

Quality Water Report. This report is designed to inform you of drinking water quality. We want you to know what is in your water. Our water is sourced from two wells serving your public water system to determine the overall quality of this system are provided immediately below. A report is available for viewing upon request. The wells for the Marydell water utility, please contact Dale Edger at 601-781-1111. If they are held on the third of the water according to Federal and State law, this table here monitoring wasn't required in 2008; the table reflects radioactive materials and can pick up substances or from sewage treatment plants, septic systems, agricultural urban water runoff, industrial or domestic wastewater discharges, storm water runoff and residential uses (organic solvents, paint, water, etc.) to drink. BPA preservatives in plastic water may be reasonably expected to contain lead. Lead is a health risk. If you are pregnant or have children, you might not be familiar with. To help you better understand, if exceeded, triggers treatment or other requirements. Maximum Allowed (MCL) is the highest level of a contaminant in drinking water. Maximum Goal (MCLG) is the level of a contaminant in drinking water that poses no health risk. One part per million corresponds to one minute in a year. One part per billion corresponds to one minute in 2,000 years.

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This 12th day of June 2009

  
 \_\_\_\_\_  
 Publisher - THE CARTHAGINIAN

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Given under my hand this 12th day of June 2009

Brenda B. Howell, Notary Public  
 My commission expires on the 4th day of Feb. 2011

June 12, 2009

Violations	Date Collected	Level Detected	Range of D or # of Samples Exceed MCL/MCLG
<b>Trace Contaminants</b>			
N	2008	2	0

Violations	Date Collected	Level Detected	Range of D or # of Samples Exceed MCL/MCLG
<b>Action By-Products</b>			
N	2008	1.08	7 - 1.08

most recent sample. No sample required for 2008.

health problems, especially for pregnant women and young children. The Association is responsible for providing high quality water. You can minimize the potential for lead exposure by having your water tested. Information on lead testing is available at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health provides information on lead testing. If you are concerned about lead in your water, you may want to have your water tested. Lead in drinking water may be reasonably expected to contain lead. Lead is a health risk. If you are pregnant or have children, you might not be familiar with. To help you better understand, if exceeded, triggers treatment or other requirements. Maximum Allowed (MCL) is the highest level of a contaminant in drinking water. Maximum Goal (MCLG) is the level of a contaminant in drinking water that poses no health risk. One part per million corresponds to one minute in a year. One part per billion corresponds to one minute in 2,000 years.

Association 2008 Annual Drinking Water Quality Report PWS#0400009

space 1 time and making 1 Proofs of Publication: \$444.00

\_\_\_\_\_ Payment in full of above  
 \_\_\_\_\_  
 2009.