



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Humphreys County Water Assn. #5
Public Water Supply Name

270021
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.

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: 6/30/11

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:

Date Published: / /

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

Date Posted: / /

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.

Signature of official
Name/Title (President, Mayor, Owner, etc.)

6/29/11
Date

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

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700
601/576-7634 • Fax 601/576-7931 • www.HealthyMS.com

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# 2010 Annual Drinking Water Quality Report

## Humphreys County Water Association

### System #5 - Woodyard

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#### Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We are committed to providing you with information because informed customers are our best allies.

#### Do I need to take special precautions?

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

#### Where does my water come from?

We buy our water from the City of Belzoni and their wells draw from the Sparta Sand Aquifer.

#### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

#### Why are there contaminants in my drinking water?

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).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

#### Monitoring and Reporting of Compliance Data Violations:

We buy our water from the City of Belzoni to furnish the Woodyard system.

During a sanitary survey conducted on 6/23/2010, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate security measures

Corrective actions: The City of Belzoni water system has completed installing additional footage to fences to meet the Mississippi State Department of Health security requirements. All Deficiencies are scheduled to be completed by 11/16/2010.

#### 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. Humphreys County 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.



### Water Quality Data Table

The following table lists all of the drinking water contaminants that we detected during the 2010 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

- MCLG: Maximum Contaminant Level Goal: 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.
- MCL: Maximum Contaminant Level: 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.
- AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl <sub>2</sub> )	No	2010	1.24	1.00 - 1.70	ppm	4	4	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Barium	No	*2008	0.009	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	No	*2008	0.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	No	*2008	1.26	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	No	*2008	0.001	1	ppm	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposits
<b>Volatile Organic Contaminants</b>								
TTHM [Total Trihalomethanes]	No	*2008	0.003	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5	No	*2008	0.002	0	ppm	0.06	0.06	By-product of drinking water disinfection

\* No samples required in 2010.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

**Microbiological Contaminants:**

- Total Coliform Bacteria - tested for monthly
- Fecal Coliform and E. Coli - tested for monthly

**Inorganic Contaminants:**

- Antimony (\*2008), Arsenic (\*2008), Beryllium (\*2008), Cadmium (\*2008), Chromium (\*2008), Cyanide (\*2008), Mercury (\*2008), Selenium (\*2008), Thallium (\*2008), Nitrate (\*2009), Nitrite (\*2009).

**Units Description:**

- ppm: parts per million, or milligrams per liter (mg/l)
- ppb: parts per billion, or micrograms per liter (ug/l)
- pCi/l: picocuries per liter (a measure of radioactivity)
- % of monthly positive samples: Percent of samples taken monthly that were positive
- # of monthly positive samples: Number of samples taken monthly that were found to be positive