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MISSISSIPPI STATE DEPARTMENT OF HEALTH

# BUREAU OF PUBLIC WATER SUPPLY

## CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Webster-Center Water Association
Public Water Supply Name

0780018
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 wrote on water bills

Date customers were informed: 07/01/09

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

Date Mailed/Distributed: 07/01/09

☐ 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. 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.

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

6/12/2010
*Date*

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

Billy D Smith

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

*Equal Opportunity In Employment/Service*

# Webster Center Water Association
# Annual Drinking Water Quality Report
## PWS ID# 0780018
## June 8, 2010

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 wells draw from the Eutaw Formation.

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. 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. Our wells have received a **moderate susceptibility** ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Billy Smith at 662-258-7645. 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 last Tuesday of each month at 6:00 P.M. at the water office located on cr 255.

Webster Center 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, 2009. 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 – AL:* The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Treatment Technique - TT:* A required process intended to reduce the level of a contaminant in drinking water.

*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.

*Maximum Residual Disinfectant Level – MRDL:* The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

| 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 |
| **Microbiological Contaminants** | | | | | | | | |
| Total Coliform Bacteria | yes | March 2009 | Pos. | 1 | ppm | 0 | presence of coliform bacteria in 5% of monthly samples | Naturally present in the environment |
| **Inorganic Contaminants** | | | | | | | | |
| Barium | N | 2008 | .024 | No-range | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| Chromium | N | 2008 | 1.0 | No-range | ppb | 100 | 100 | Discharge from steel and pulp mills; erosion of natural deposits |
| Copper | N | 2008 | .66 | no-range | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Lead | N | 2008 | 6.0 | No-range | Ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| **Disinfectants & Disinfection By-Products** (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.) | | | | | | | | |
| Chlorine (as Cl2) (ppm) | N | 2009 | .47 | .05 - .80 | ppm | 4 | 4 | Water additive used to control microbes |

*No Samples Required in 2009

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other; potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.
The table shows that our system uncovered some problems this year. We corrected this by pulling additional samples and sending them to the MS State Department of Health for testing. All the additional samples tested ok. Apparently the bad samples were the results of a poor sampling procedure.

*****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. Webster Center 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).

Your CCR will not be mailed to you however; you may obtain a copy from theoffice please call (662) 258-7645 if you have questions.

# MSDH BUREAU OF PUBLIC WATER SUPPLY
# MAXIMUM RESIDUAL DISINFECTANT LEVEL REPORT

| | | | |
|---|---|---|---|
| **COUNTY** | WEBSTER | **ANALYTE** | CHLORINE |
| **PWS ID** | MS0780018 | **ANALYTE CODE** | 0999 |
| **SYSTEM NAME** | WEBSTER CENTER WATER ASSN | **BEGIN DATE** | 1/1/2009 |
| **SAMPLE POINT** | DISTRIBUTION DS000 | **END DATE** | 12/31/2009 |

| Compliance Period | Monitoring Period Average | Running Annual Average | Samples Required | Samples Collected | Begin Date | End Date |
|---|---|---|---|---|---|---|
| JAN2009 | 0.70 mg/L | 1.20 mg/L | 1 | 1 | 01/01/2009 | 01/31/2009 |
| FEB2009 | 0.80 mg/L | 1.22 mg/L | 1 | 1 | 02/01/2009 | 02/28/2009 |
| MAR2009 | 0.70 mg/L | 1.23 mg/L | 1 | 1 | 03/01/2009 | 03/31/2009 |
| APR2009 | 0.60 mg/L | 1.27 mg/L | 1 | 1 | 04/01/2009 | 04/30/2009 |
| MAY2009 | 0.70 mg/L | 1.27 mg/L | 1 | 1 | 05/01/2009 | 05/31/2009 |
| JUN2009 | 0.07 mg/L | 1.22 mg/L | 1 | 1 | 06/01/2009 | 06/30/2009 |
| JUL2009 | 0.70 mg/L | 0.61 mg/L | 1 | 1 | 07/01/2009 | 07/31/2009 |
| AUG2009 | 0.70 mg/L | 0.62 mg/L | 1 | 1 | 08/01/2009 | 08/31/2009 |
| SEP2009 | 0.70 mg/L | 0.62 mg/L | 1 | 1 | 09/01/2009 | 09/30/2009 |
| OCT2009 | 0.07 mg/L | 0.57 mg/L | 1 | 1 | 10/01/2009 | 10/31/2009 |
| NOV2009 | 0.05 mg/L | 0.53 mg/L | 1 | 1 | 11/01/2009 | 11/30/2009 |
| DEC2009 | 0.08 mg/L | 0.47 mg/L | 1 | 1 | 12/01/2009 | 12/31/2009 |

**RAA = Running Annual Average**
**RAA MCL for Chlorine = 4.0 mg/L**

*** = RAA exceeds the MCL for Chlorine**

# MSDH BUREAU OF PUBLIC WATER SUPPLY
# SAMPLE RESULTS

| | | | |
|---|---|---|---|
| **PWS ID** | 0780018 | **WORKORDER** | |
| **SYSTEM NAME** | WEBSTER CENTER WATER ASSN | **LAB ID** | 091020-010NI |
| **COUNTY** | WEBSTER | **DATE COLLECTED** | 2009-10-19 |
| **SAMPLE TYPE** | NITR | **DATE RECEIVED** | 2009-10-20 |
| **COLLECTOR** | PJ | **SAMPLE POINT** | TF102 |
| **LOCATION** | | | |

| ID | ANALYTE NAME | | RESULT | | MCL | |
|---|---|---|---|---|---|---|
| 1040 | NITRATE (AS N) | < | 0.2 | ppm | 10 | ppm |
| 1041 | NITRITE (AS N) | < | 0.05 | ppm | 1 | ppm |
| 1038 | NITRATE+NITRITE (AS N) | < | 0.25 | ppm | 10 | ppm |

**Comments:** Y

**Generated 2010-03-10**

# MSDH BUREAU OF PUBLIC WATER SUPPLY
# SAMPLE RESULTS

| | | | |
|---|---|---|---|
| **PWS ID** | 0780018 | **WORKORDER** | |
| **SYSTEM NAME** | WEBSTER CENTER WATER ASSN | **LAB ID** | 091029-001NI |
| **COUNTY** | WEBSTER | **DATE COLLECTED** | 2009-10-28 |
| **SAMPLE TYPE** | NITR | **DATE RECEIVED** | 2009-10-29 |
| **COLLECTOR** | OPERATOR | **SAMPLE POINT** | TF103 |
| **LOCATION** | | | |

| ID | ANALYTE NAME | | RESULT | | MCL | |
|---|---|---|---|---|---|---|
| 1040 | NITRATE (AS N) | < | 0.2 | ppm | 10 | ppm |
| 1041 | NITRITE (AS N) | < | 0.05 | ppm | 1 | ppm |
| 1038 | NITRATE+NITRITE (AS N) | < | 0.25 | ppm | 10 | ppm |

**Comments:** Y

**Generated 2010-03-10**