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MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

TOWN OF METCALFE WATER SYSTEM

Public Water Supply Name

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

0760007

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 HAND DELIVERED (DOOR-TO-DOOR)

Date customers were informed: 6 /29 /2011

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: 6/29/11

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.

Cover H. Mayo
Name/Title (President, Mayor, Owner, etc.)

06/29/11
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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**TOWN OF METCALFE  
2011 ANNUAL DRINKING WATER QUALITY REPORT  
PWS ID# 0760007**

This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

Our water source consists of two wells pumping from the Cockfield formation Aquifer System at a depth of approximately 450 feet. Our source water assessment has been completed. Both of our wells were ranked **MODERATE** in terms of susceptibility to contamination. As required by the Safe Drinking Water Act copies of this report and the swap report are available upon request at City Hall. We want you to be informed about your water and our City. If you want to learn more, please attend the City Board meeting. It is held on the first Tuesday of each month, starting at 5:00 pm at City Hall. Should you have questions or comments about this water quality report, please contact Mark Pressgrove toll free at (866) 945-2782 or by mail at 136 East Valley Street, Hernando, MS 38632.

#### **Educational Information**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as people 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 Water Drinking Hotline (800-426-4791).

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 (EPA) Safe Drinking Water Hotline (800-426-4791).

#### **Health Effects Information**

**\*\*\*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. The Town of Metcalfe 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 \$10.00 per sample. Please contact 601-576-7582 if you wish to have your water tested.

**\*\*\*Additional information for THMs** - Some people who drink water containing Trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have increased risk of getting cancer.

#### **Water Quality Information**

The table below lists all of the drinking water contaminants that we detected for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2010. 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 or the State 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. In this table you will find terms and abbreviations you might not be familiar with. To better understand these we've provided the following definitions:

**MCLG-Maximum Contaminant Level Goal-** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

**MCL-Maximum Contaminant Level-** The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

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

**MRDLG-Maximum Residual Disinfection Level Goal-** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**MRDL-Maximum Residual Disinfection Level-** 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.

**Ppm-** Parts per million or milligrams per liter (mg/L)

**Ppb-** Parts per billion or micrograms per liter (ug/L)

**N/A-** Not applicable

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2011 ANNUAL DRINKING WATER QUALITY REPORT  
PWS ID# 0760007**

Contaminants (Units)	MRDLG or MCLG	MCL, AL or MRDL	Your Water	Low	High	Sample Date	Violation	Typical Source
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (CL <sub>2</sub> ) (ppm)	4	4	1.7	.80	2.13	2010	No	Water additive used to control microbes
Halooacetic Acids (HAA5) (mg/L)	N/A	0.060	0.013	N/A	N/A	2010	No	By-product of drinking water chlorination
THMs (Total Trihalomethanes) (mg/L)	N/A	0.080	0.034	N/A	N/A	2010	No	By-product of drinking water chlorination
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	0.003	0.003	0.003	2010	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium (ppm)	.1	.1	0.001	0.001	0.003	2010	No	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride (ppm)	4	4	0.37	0.36	0.37	2010	No	Water additive that promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
Selenium (ppm)	0.05	0.05	.0025	0.0025	.0025	2010	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
	<b>MCLG</b>	<b>AL</b>	<b>Your Water</b>	<b># Samples Exceeding AL</b>		<b>Sample Date</b>	<b>Exceeds AL</b>	
Copper (ppm)	1.3	1.3	0.5	0		2007	No	Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb)	0	15	4	0		2007	No	Corrosion of household plumbing systems; erosion of natural deposits