

RECEIVED-WATER SUPPLY  
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MISSISSIPPI STATE DEPARTMENT OF HEALTH

**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

Highway 98 East Water Association  
Public Water Supply Name

0460007  
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: 6/5/10

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

Date Mailed/Distributed: 1/1

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

Name of Newspaper: Columbian Progress

Date Published: 6/5/10

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

Date Posted: 1/1

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.

Deane Van Hoel  
Name/Title (President, Mayor, Owner, etc.)

6-9-10  
Date

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

**2009 Annual Drinking Water Quality Report**

Highway 98 East Water Association  
 PWS #0460007  
 May 2010

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been to provide to you a safe and dependable supply of drinking water. Our water source is from wells which draw from the Miocene aquifer.

Our source water assessment program has been completed, and copies of this assessment are available at our office.

Well 460007-01 Final Susceptibility Ranking: Lower  
 Well 460007-02 Final Susceptibility Ranking: Lower  
 Well 460007-03 Final Susceptibility Ranking: Lower

I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Thad Shows at 601-736-7541 or 601-736-9631. 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 second Tuesday of each month at 5:45 P.M. at 1 Powell RD, Columbia, MS 39429.

Highway 98 East Water Association routinely monitors for contaminants in your drinking water according to Federal and State laws. The table below shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2009.

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

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

**Maximum Contaminant Level** - 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** - 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.

**Picocuries liter (pCi/L)** picocuries per liter is a measure of the radioactivity in water.

TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range		Unit	MCLG	MCL	Likely Source of Contamination
				Low	High				
<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> )	N	2009	1.42	.95	2.35	Ppm	4	4	Water additive used to control microbes
<b>Volatile Organic Contaminants</b>									
Carbon Tetrachloride	N	2009	1.09	0.5	1.09	Ppb	0	5	Discharge from chemical plants and other industrial activities
<b>Inorganic Contaminants</b>									
Barium	N	2008*	0.1443			Ppm	2	2	Discharge of drilling wastes; discharge of metal refineries; erosion of natural deposits
Chromium	N	2008*	535			Ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits
Copper	N	2008*	0			Ppb	AL = 1.3	1.3	Erosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	N	2008*	.7			Ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead	N	2008*	.4			Ppm	AL = 15	0	Corrosion of household plumbing systems; erosion of natural deposits
THM (Total Trihalomethanes)	N	08/20/07*	7.47	No Range		Ppb	100	0	By-product of drinking water chlorination
HAA5	N	08/20/07*	0	No Range		Ppb	.60	0	By-product of drinking water chlorination

\*Most recent sample. No sample required in 2009.

**What does this mean?**

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 contaminants does not necessarily pose 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. Immunocompromised 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).

**Additional Information for Lead**

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children.