

2009 JUN 26 AM 9:10

APPROVED

**BUREAU OF PUBLIC WATER SUPPLY**  
**CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT**  
**CERTIFICATION FORM**

City Of Ripley

Public Water Supply Name

0700008

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: \_\_\_ / \_\_\_ / \_\_\_

- 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: Southern Sentinel

Date Published: 06 / 17 / 2009

- 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.

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

6-24-09  
Date

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

## Annual Drinking Water Quality Report • City of Ripley

**PWS ID: 0700008 - June 12, 2009**

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 you with a safe and dependable supply of drinking water. Our water source is five wells. Our wells draw from the Coffee Sand 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. Our wells have received a moderate susceptibility ranking to contamination.

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 John Childs at 662-837-7154. 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 first Tuesday of each month at 7 PM. The meetings will be conducted at the Ripley City Hall.

The City of Ripley 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, 2008. 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**-the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Treatment Technique**-(TT) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**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.

**MRDL**: Maximum residual disinfectant 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.

**Parts per million (ppm)**: Milligrams per liter (mg/L).

**Parts per billion (ppb)**: Micrograms per liter (ug/L).

### 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>								
Barium	N	*2006	.191	.173-.190	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	*2006	1.2	.74-1.2	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper	N	*2007	0.375	N/a	ppm	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	*2007	2.0	N/a	ppb	0	AL = 15	Corrosion of household plumbing systems; erosion of natural deposits

## Volatile Organic Contaminants

### Disinfectants & Disinfection By-Products

(There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.)

Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2008	.51	.51-.57	Ppm	4	4	Water additive used to control microbes
HAA5 Total Haloacetic Acids	N	2007	1.1	n/a	ppb	0	80	By-product of drinking water chlorination
TTHM Total Trihalomethanes	N	*2004	4.0	2.0-5.0	ppb	0	100	By-product of drinking water chlorination

*\*Most recent sample. No sample was required in 2008.*

\*\*\*\*\*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, MSHD 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.

\*\*\*\*\*ADDITIONAL INFORMATION FOR LEAD\*\*\*\*\*

If present, elevated levels of lead can cause serious health problems, especially for pregnant woman and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. 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 1-800-426-4791.

Your CCR will not be mailed to you, however you can obtain a copy at the City Hall. Please call (662) 837-7154 if you have questions.

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# Proof of Publication

*The State of Mississippi*

*Tippah County*

Personally appeared before me a Notary Public in and for said County and State, the undersigned

Tim Watson

who, after being duly sworn, deposes and says that he is the Publisher of the SOUTHERN SENTINEL, a newspaper published in the City of Ripley, in said County and State, and that the

## LEGAL NOTICE

a true copy of which is hereto attached, was published for 1 consecutive weeks in said newspaper as follows:

VOLUME	NO.	DATE
131	31	6-17-09

And further, that said newspaper has been published in Ripley, Tippah County, Mississippi for more than one year next preceding the first insertion of the above-mentioned legal notice.



Tim Watson

Sworn to and subscribed before me this the

22 day of June 2009



Notary Public, Tippah County, Mississippi

My Commission expires: **05/05/2013**



Printer's Fee \$ \_\_\_\_\_