



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Mitchell Water Association
Public Water Supply Name

0700006
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: 6/15/2011

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

Date Mailed/Distributed: 6/15/2011

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

Name of Newspaper: Southern Sentinel, Ripley Miss. 38663
Date Published: 6/15/2011

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

Date Posted: 6/20/2011

- CCR was posted on a publicly accessible internet site at the address: www. Library, 308 North Commerce St.

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.

Arthur Cockrell - President
Name/Title (President, Mayor, Owner, etc.)

6/20/2011
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
Mitchell Water Association
PWS ID: 0700006
June 3, 2011

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 two 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 received a **moderate** ranking to contaminations.

If you have any questions about this report or concerning your water utility, please contact John Childs at 662-837-4847. We want our valued customers to be informed about their water utility. If you want to learn more, please attend a special meeting the third Thursday in July at the Mitchell Fire Station at 7:00 P.M.

The Mitchell 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, 2010. 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.

TEST RESULTS

Disinfectants & Disinfection By-Products

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

Chlorine (as Cl ₂) (ppm)	N	2010	.52	.49 - .60	Ppm	4	4	Water additive used to control microbes
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

Inorganic Contaminants

Barium	N	2010	.084	.073 - .084	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	N	*2008	.3	.1 - .3	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	*2008	1.0	.02 - 1.0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

*Most recent sample. No sample was required in 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. The Mitchell 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 and copper testing for \$20. 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).

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Your CCR will not be mailed to you however; you may obtain a copy at the Water Office. Please call 662-837-4847 if you have any questions. Please call our office if you have questions.

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 CCR REPORTS

LEGAL NOTICE

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

VOLUME	NO.	DATE
<u>133</u>	<u>16</u>	<u>6/15/2011</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

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

Tim Watson

Sworn to and subscribed before me this the
15 day of June 2011.

Jessica L. Davis

Notary Public, Tippah County, Mississippi
My Commission expires: **05/05/2013**



Printer's Fee \$

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TEST RESULTS							
Bacteriologists & Bacteriologists By-Products							
(There is currently no evidence that addition of a disinfectant is necessary for control of microbial contaminants.)							
Parameter	Units	2010	2009	2008	2007	2006	Water Utility used to control microbes.
Chlorine	mg/L	1.88	1.88	1.88	1.88	1.88	Likely Source of Contamination
Inorganic Contaminants							
Parameter	Units	2010	2009	2008	2007	2006	Likely Source of Contamination
Chloride	mg/L	1.88	1.88	1.88	1.88	1.88	Discharge of drilling waste, discharges from metal refineries, erosion of natural deposits.
Fluoride	mg/L	1.3	1.3	1.3	1.3	1.3	Concretion of household plumbing systems, erosion of natural deposits, leaching from metal preservation.
Lead	ppb	0.0	0.0	0.0	0.0	0.0	Corrosion of household plumbing systems, erosion of natural deposits.

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The New Southern Sentinel. It's all about YOU!