

**CONSUMER CONFIDENCE REPORT**

**CERTIFICATION FORM**

TOWN OF COLDWATER

Public Water Supply Name

0690002

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 Local paper

Date customers were informed: 7-11-14

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

Date Mailed/Distributed: 7-11-14

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

Name of Newspaper: The Democrat

Date Published: 7-11-14

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

Date Posted: 7-11-14

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.

[Signature]  
Name/Title (President, Mayor, Owner, etc.)

7-1-14  
Date

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

2014 JUN 17 AM 11: 50

# Town of Coldwater, MS

PWSID# 0690002

## Water Quality Report 2013



Prepared by:

Mitchell Technical Services, Inc  
325 West McKnight  
Murfreesboro, TN 37129



## **Is my water safe?**

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

## **Report availability**

This report is not mailed to the residents; however, it is published annually in the local paper and is also posted in the central office on the bulletin board for review.

## **Do I need to take special precautions?**

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/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).

## **Where does my water come from?**

Our water comes from 3 wells pumping from the Sparta Aquifer.

## **Source water assessment and its availability**

Our source water assessment has been completed, and our wells were ranked LOWER in terms of susceptibility to contamination. For a copy of the report, please contact our office at (662) 622-7242.

## **Why are there contaminants in my drinking water?**

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).

## **Other information**

Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" may be obtained.

<b>Certified Operator:</b>	Bryan Lane	<b>Phone</b>	(662) 622-7242
<b>Operations Firm:</b>	MTS, Inc.	<b>Fax</b>	(662) 622-7242
<b>Emergency Contact :</b>	(662) 622-7242		

# Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. 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.

**Important Drinking Water Definitions:**

**ND: Non-Detects:** Laboratory analysis indicates that the constituent is not present.

**MCLG: Maximum Contaminant Level Goal:** 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.

**MCL: Maximum Contaminant Level:** 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.

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

**Units Description:**

NA: Not applicable

ND: Not detected

NR: Not reported

MNR: Monitoring not required, but recommended.

**ppm:** parts per million, or **mg/l:** milligrams per liter

**ppb:** parts per billion, or **µg/l :** micrograms per liter

**INORGANIC CONTAMINANTS**

CONTAMINANTS	MCL	YOUR WATER	
SAMPLE DATE	MCLG	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Barium	2 ppm	0.0141 ppm	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
5/22/2013		N	

### NITRATES

CONTAMINANTS	MCL	YOUR WATER	
SAMPLE DATE	MCLG	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Nitrate 5/8/2013	10 ppm	1.17 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Nitrite 5/8/2013	1 ppm	ND N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Nitrate-Nitrite 5/8/2013	10 ppm	1.17 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

### DISINFECTANT BY-PRODUCTS

CONTAMINANTS	MCL	YOUR WATER	
SAMPLE DATE	MCLG	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Haloacetic Acids (HAA5) 9/23/2013	60 ppb	6.0 ppb N	By-product of drinking water chlorination.
Total Trihalomethane (TTHM) 9/23/2013	80 ppb	43.7 ppb N	By-product of drinking water disinfection.

Contaminant	MRDL RANGE	RUNNING ANNUAL AVERAGE
Sample Date		Violation Y/N
Maximum Residual Disinfectant Level (MRDL)	1.50 mg/L	1.90 mg/L
JAN 2013-DEC 2013	2.60 mg/L	N

## REPORTABLE VIOLATIONS

TT Violation	Explanation	Duration of Violation	Corrective Actions	*Health Effects Language
Ground Water Rule	Failure to take corrective actions within required time frame.	11/2013 - Present	The system has entered into a bilateral compliance agreement and/or corrected the deficiency.	Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites; which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

BEGIN DATE	END DATE	CONTAMINATE OR RULE	VIOLATION NAME
10/01/2013	10/31/2013	COLIFORM (TCR)	Routine Major Monitoring
10/01/2013	10/31/2013	CHLORINE	Routine Major Monitoring

\*We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During October 2013, we did not monitor or test for bacteriological contaminants or chlorine; and therefore, cannot be sure of the quality of our drinking water during that time. The number of required samples was 2; the number of samples taken was 0. However, sampling resumed the following month.

## SIGNIFICANT DEFICIENCIES

During a sanitary survey conducted on June 17, 2013, the Mississippi State Department of Health cited the following significant deficiency(s):

Improperly constructed well (ex: not properly grouted).

Inadequate security measures.

Inadequate application of treatment chemicals and techniques (primary MCLs).

**Corrective Actions:** MSDH is currently working with this system to return them to compliance since the expiration of the compliance deadline. It is anticipated we will be returned to compliance by December 31, 2014.

# The Democrat

Senatobia, Mississippi

WATER SUPPLY  
2014 JUL -7 AM 11:48

## PROOF OF PUBLICATION

STATE OF MISSISSIPPI,  
Tate County

I, Douglas Blackmon, Clerk of The Democrat,  
a public newspaper printed and published  
in the City of Senatobia, in said County  
and State, do solemnly swear that a

Annual water report

notice of which the one hereto attached  
is a true copy, has been published in said  
newspaper once a week for the period of  
1 consecutive weeks, to-wit:

Dates of issues published:

July 1, 2014  
\_\_\_\_\_, 2014  
\_\_\_\_\_, 2014  
\_\_\_\_\_, 2014  
\_\_\_\_\_, 2014  
\_\_\_\_\_, 2014  
\_\_\_\_\_, 2014

Douglas Blackmon Clerk

NOTARY:

Sworn to and subscribed before me the

15<sup>th</sup> day of July, 2014

Faye Price

