



RECEIVED-WATER SUPPLY  
2010 JUL -1 AM 10:46

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM

Cumberland Water Association  
Public Water Supply Name

780003 + 780020  
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: 6/30/2010

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

- 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.

Phillip M. Cohen, President  
Name/Title (President, Mayor, Owner, etc.)

June 30, 2010  
Date

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

✓

# Cumberland Water Association - Water Quality Report

Well No. 1 (PWS 780003) & Well No. 2 (PWS 780020)

2010

Cumberland Water Association is pleased to present to you our annual Water Quality Report. If you have any questions about this report or concerning your water utility, please contact CWA System Operator Parvin South, at 662-263-5350. If you want to learn more, attend our regularly scheduled annual meeting, which will be held Monday Sept. 19, 2010 at the East Webster High School Cafeteria at 7:00 pm.

In accordance with federal and state laws, we routinely monitor for constituents in your drinking water. The following tables show the results of our most recent monitoring. 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. Our water comes from an underground aquifer known as the Gordo Formation.

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:

*Parts per million (ppm)* - one part per million corresponds to one minute in two years or a single penny in \$10,000.

*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 From Cumberland Water Association Well No. 1						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Arsenic	No	0.000772	ppm	n/a	.05	Erosion of natural deposits; Runoff from orchards.
Barium	No	0.136008	ppm	2	2	Erosion of natural deposits; Discharge of drilling wastes.
Chromium	No	.00149	ppm	.1	.1	Discharge from steel and pulp mills.
Flouride	No	.296953	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth.
Selenium	No	.002118	ppm	.05	.05	Erosion of natural deposits; Discharge from petroleum and metal refineries.

Test Results From Cumberland Water Association Well No. 2						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Arsenic	No	0.000701	ppm	n/a	.05	Erosion of natural deposits; Runoff from orchards.
Barium	No	0.147148	ppm	2	2	Erosion of natural deposits; Discharge of drilling wastes.
Chromium	No	.001439	ppm	.1	.1	Discharge from steel and pulp mills.
Fluoride	No	0.267852	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth.
Selenium	No	0.002237	ppm	.05	.05	Erosion of natural deposits; Discharge from petroleum and metal refineries.

As you can see by the table, your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected; however, the EPA has determined that your water is completely SAFE at these levels.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. 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).

### 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. Cumberland 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 testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

Contaminant	Well No. 1 (PWS 780003)	Well No.2 (PWS 780020)	Max allowed
Lead	.0005-.0028 ppm	.0005-.0017 ppm	.015 ppm
Copper	.0157-.551 ppm	.0284-.455 ppm	1.3 ppm
Disinfectant			
Chlorine	.1-1.5 mg/L	.1-2.0 mg/L	4.0 mg/L

Cumberland Water Association  
 1553 Parker Roberson Rd.  
 Maben, MS 39750

FIRST CLASS MAIL  
 U.S. POSTAGE PAID  
 MABEN, MS 39750  
 PERMIT NO. 4

**2009 CCR Contact Information**

Date: 7/26/10 Time: 11:05

PWSID: 780003/780020

System Name: Cumberland

Lead/Copper Language

Chlorine Residual (MRDL) RAA

~~System has to say where their water comes from  
(Water Authority, etc)~~

Other

Violation(S)

Chlorine results have to be listed for each system  
as well as lead and copper

Will correct report & mail copy marked "corrected copy" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

MR Phillip McKibben will do corrected copy  
and notify customers of corrected copy by water bill

Spoke with

Phillip McKibben  
(Operator, Owner, Secretary)

603-263-6826