



2011 JUN 20 AM 10:32

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Adams County Water Association, Inc.
Public Water Supply Name

0010015, 0010009
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: / /

- 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: Natchez Democrat

Date Published: 5/31/11

- 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.

Ken O'Neil General Manager
Name/Title (President, Mayor, Owner, etc.)

6-20-11
Date

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

*The Water We Drink*  
*Adams County Water Association, Inc.*  
*System ID No. 0010015 and 0010009*  
*May 31, 2011*

Your annual report for 2010 indicates that **your water quality is excellent** as evidenced by the highest rating of 5.0 from the Mississippi Department of Health.

You are valued as a customer and we like to keep you informed about your water utility. The regularly scheduled meetings are held the second Thursday of each month at 6:00 p.m. at the office at 678 Highway 61 North. If you would like to be placed on the agenda, or if you have questions, please contact Kenneth Herring at 601-446-6616.

Your water comes from underground wells, drawn from the Lower Catahoula Aquifer. Adams County 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 1<sup>st</sup> to December 31<sup>st</sup>, 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 reasonably be 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. 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).

In this table you may find terms and abbreviations that might not be familiar to you. To help you better understand these terms we've provided the following definitions:

*Non-Detects (ND)* - laboratory analysis indicates that the constituent is not present.

*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.

*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 FOR SYSTEM ID NO. 0010015**

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>Disinfectants &amp; Disinfection By-Products</b>								
Chlorine (asCl <sub>2</sub> ) (ppm)	N	2010	1.19	1.14 to 1.20	ppm	4	4	Water additives used to control microbes
TTHM (Total trihalomethanes)	N	06-8-2009	17.93	NA	ppb	0	80	By-product of drinking water chlorination
HAA5	N	06-8-2009	10	NA	ppb	0	60	By-product of drinking water chlorination
<b>Inorganic Contaminants</b>								
10. Barium	N	03-10-2008	.010131	NA	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	01-01-2005 to 12-31-2007	0.2	NA	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride*	N	03-10-2008	0.46	NA	ppm	4	4	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
17. Lead	N	07-13-2009	3.0	NA	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

When samples were not taken from 1-1-10 to 12-31-10 the most recent test results were used.

\*No fluoride is added—traces of fluoride appear naturally in ground water.

**TEST RESULTS FOR SYSTEM ID NO. 0010009**

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>Disinfectants &amp; Disinfection By-Products</b>								
Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2010	1.24	1.21 to 1.31	ppm	4	4	Water additives used to control microbes
TTHM (Total trihalomethanes)	N	07-15-2008	5.78	NA	ppb	0	80	
<b>Inorganic Contaminants</b>								
10. Barium	N	01-13-2009	.008124	NA	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	07-14-2009	0.4	NA	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride*	N	01-12-2009	0.315	NA	ppm	4	4	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
17. Lead	N	07-14-2009	2.0	NA	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate	N	03-11-2009	0.31	NA	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

When samples were not taken from 1-1-10 to 12-31-10 the most recent test results were used.

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*Microbiological Contaminants:*

(17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

## 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. Adams County 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>.

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).

Our source water assessment has been completed. The wells for Adams County Water Association PSI # 010009 and 010015 have received a moderate susceptibility ranking to contamination; however, because the wells are over 500 feet deep, the possibility of contamination is greatly reduced. For a copy of the report, please contact our office at 601-446-6616.

Serving a population of approximately 20,000, Adams County Water Association is one of the largest water associations in the state. The Association maintains more than 400 miles of water lines, ten elevated water tanks, nine wells and approximately 5,800 meters. The three certified operators are conscientious about providing excellent service, and technicians regularly attend continuing education courses in order to better serve you.

All of us at Adams County Water Association strive to offer exceptional service with reasonable rates. Our efforts were recently rewarded when the Association was recognized by USDA for "maintaining a highly successful and sustainable water system and demonstrating exceptional management." The annual financial report may be reviewed at the office, or a copy is available upon written request.

Clean water is our most valuable resource and conserving it is everyone's responsibility. 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.

The CCR will not be mailed. A copy is available upon request.

# The Democrat

Natchez

2011 JUN 20 10:32

503 N. Canal Street  
Natchez, MS 39120

P.O. Box 1447  
Natchez, MS 39121

Telephone: (601) 442-9101

Your life...your newspaper

## PROOF OF PUBLICATION

This is to certify and verify that the advertisement specified herein did appear in the Natchez Democrat as described below:

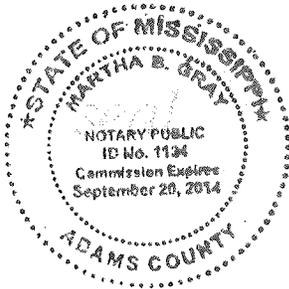
Advertiser: Adams County Water Association

Ad Size: 4 x 21.5 Publication Date: May 31, 2011

On Page: 5B

Verified By: Carla Christmas

Sworn and Subscribed to before me this 2 day of June, 2011.



Martha B. Gray

Notary Public  
County of Adams  
State of Mississippi

My commission expires:

Sept. 20, 2014

The Democrat

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Adams County Water Association, Inc.  
System ID No. 0010015 and 0010009  
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TEST RESULTS FOR SYSTEM ID NO. 0010015

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>Disinfectants &amp; Disinfection By-Products</b>								
Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2010	1.19	1.14 to 1.20	ppm	4	4	Water additives used to control microbes
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17. Lead	N	07-13-2009	3.0	NA	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits

When samples were not taken from 1-1-10 to 12-31-10 the most recent test results were used.

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TEST RESULTS FOR SYSTEM ID NO. 0010009

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