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## BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORMAdams County Water Assoc. Inc.  
Public Water Supply NameMS0010015 , MS 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. 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: Natchez DemocratDate Published: 5 / 10 / 2012

- 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.

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

5-15-2012  
Date

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

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*The Water We Drink*  
*Adams County Water Association, Inc.*  
*System ID No. 0010015 and 0010009*  
*May 10, 2012*

We are happy to inform you that our annual report for 2011 indicates that **your water quality is excellent**. This is 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 of the Board of Trustees are held the second Thursday of each month at 6:00 p.m. at the office at 700 Highway 61 North. If you have questions, please contact Kenneth Herring at 601-446-6616. You may also visit our website at [adamscountywater.com](http://adamscountywater.com).

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>, 2011.

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	2011	1.20	1.09 to 1.20	ppm	4	4	Water additives used to control microbes
TTHM (Total trihalomethanes)	N	06-13-2011	37.7	NA	ppb	0	80	By-product of drinking water chlorination
HAA5	N	06-13-2011	21.0	NA	ppb	0	60	By-product of drinking water chlorination
<b>Inorganic Contaminants</b>								
Barium	N	04-25-2011	0.0102	NA	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	04-25-2011	0.0024	NA	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
Copper	N	07-14-2009	0.2	NA	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride*	N	04-25-2011	0.453	NA	ppm	4	4	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
Lead	N	07-14-2009	3.0	NA	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Nitrate	N	1-18-2011	0.15	NA	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrate-Nitrite	N	1-18-2011	0.16	NA	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

When samples were not taken from 1-1-11 to 12-31-11 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	2011	1.20	1.15 to 1.34	ppm	4	4	Water additives used to control microbes
TTHM (Total trihalomethanes)	N	07-05-2011	2.82	NA	ppb	0	80	
HAA5	N	07-05-2011	15.0	NA	ppb	0	60	By-product of drinking water chlorination
<b>Inorganic Contaminants</b>								
Barium	N	04-25-2011	0.0815	NA	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
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
Chromium	N	04-25-2011	0.0029	NA	ppm	.1	.1	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride*	N	04-25-2011	0.397	NA	ppm	4	4	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
Selenium	N	04-25-2011	0.0028	NA	ppm	.05	.05	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Lead	N	07-14-2009	2.0	NA	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Nitrate	N	01-18-2011	0.41	NA	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrate-Nitrite	N	01-18-2011	0.42	NA	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

When samples were not taken from 1-1-11 to 12-31-11 the most recent test results were used.

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

### *Microbiological Contaminants:*

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>.

### \*\*\*\*\*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 2001 – 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, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

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.

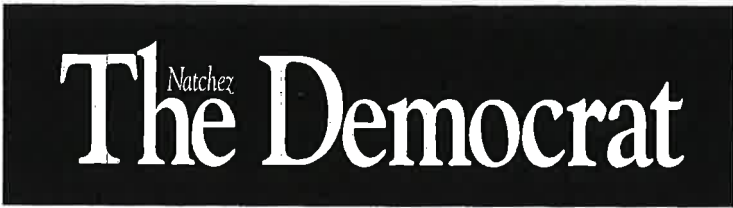
Serving a population of approximately 18,000, Adams County Water Association is one of the largest water associations in the state. The Association maintains more than 400 miles of water lines, ten elevated water tanks, nine wells and approximately 5,800 meters. The four certified operators are conscientious 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. 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.

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503 N. Canal Street  
Natchez, MS 39120

P.O. Box 1447  
Natchez, MS 39121

601-442-9101

**Proof of Publication**

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

Advertiser: The Natchez Democrat

Ad Size: 4x 21.5 Publication Date: May 10, 2012

On Page: 6A

Verified By: Carla Christmas

Sworn and subscribed to before me this 10 day of may, 2012



Cassie D. Strickland

Notary Public  
County of Adams  
State of Mississippi

Dec. 17, 2015

My commission expires: