



# Alcorn State University

## 2009 Drinking Water Quality Report

### **Is my water safe?**

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Our local water system vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

### **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 source is from three wells in the Catahoula Formation Aquifer.

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

Our source water assessment is currently being conducted and is not available at this time. As soon as it is completed, you will be notified and copies of this assessment will be available at our office.

### **How can I get involved?**

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).

### **How can I get involved?**

If you have any question about this report or concerning our water utility, please contact Jessie Hayden, Director of Services, at (601) 877-6471. We want our valued customers to be informed about their water utility.

## Monitoring and reporting of compliance data violations

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 March 2009 we did not monitor for chlorine residuals as required; therefore we can not be sure of the quality of drinking water at that time. The number of samples submitted to the Mississippi State Department of Health indicating chlorine residual was 2 out of 4. To correct this problem, we will insure that all samples are collected by the 15th of the month and reviewed by the certified operator.

## 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. Alcorn State University 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>.

## 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.

Contaminants	MCLG	MCL,	Your	Range		Sample	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water			Date		
<b>Disinfectants &amp; Disinfectant By-Products</b>								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl <sub>2</sub> ) (pap)	4	4	0.8			2009	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Arsenic (ppb)	0	10	1.39	NA		2009	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	1	NA		2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

Nitrate [measured as Nitrogen] (ppm)	10	10	0.93	NA		2009	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.05	NA		2009	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>Microbiological Contaminants</b>								
Total Coliform (% positive samples/month)	0	5	0	NA		2009	No	Naturally present in the environment
			<b>Your</b>	<b>Sample</b>	<b># Samples</b>	<b>Exceeds</b>		
<b>Contaminants</b>	<b>MCLG</b>	<b>AL</b>	<b>Water</b>	<b>Date</b>	<b>Exceeding AL</b>	<b>AL</b>		<b>Typical Source</b>
<b>Inorganic Contaminants</b>								
Lead - action level at consumer taps (ppb)	0	15	12	2008	0	No		Corrosion of household plumbing systems; Erosion of natural deposits
<b>Unit Descriptions</b>								
<b>Term</b>	<b>Definition</b>							
ppm	ppm: parts per million, or milligrams per liter (mg/L)							
ppb	ppb: parts per billion, or micrograms per liter (µg/L)							
% positive samples/month	% positive samples/month: Percent of samples taken monthly that were positive							
NA	NA: not applicable							
<b>Important Drinking Water Definitions</b>								
<b>Term</b>	<b>Definition</b>							
MCLG	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	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	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.							
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.							
MNR	MNR: Monitored Not Regulated							

**For more information please contact:**  
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# PUBLISHER'S OATH

STATE OF MISSISSIPPI,  
CLAIBORNE COUNTY, MISSISSIPPI

Personally appeared before the undersigned NOTARY PUBLIC of said County, EMMA F. CRISLER, Publisher of The Reveille, a weekly newspaper, printed and published in the town of Port Gibson, in said county and state, who, being duly sworn deposes and says that said newspaper has been established for more than twelve months next prior to first publication mentioned below; and who further makes oath that publication of a notice, of which, the annexed is a copy, has been made in said paper consecutively, to wit:

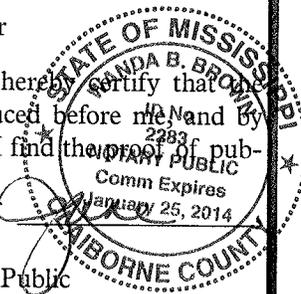
On the 24th day of June, 2010  
On the \_\_\_\_\_ day of \_\_\_\_\_, 2010  
On the \_\_\_\_\_ day of \_\_\_\_\_, 2010  
On the \_\_\_\_\_ day of \_\_\_\_\_, 2010

Emma F. Crisler, Publisher

And I, Wanda B. Brown do hereby certify that the papers containing said notice have been produced before me and by me compared with the copy annexed, and that I find the proof of publication thereof to be correctly made.

Witness my hand and seal, this 29<sup>th</sup> of June, 2010.  
Wanda B. Brown, Notary Public

Fees and proof of publication, \$19.00



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**Unit Descriptions**

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