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**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

CHICKASAW HILLS  
Public Water Supply Name

540021  
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: 6/30/11

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

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.

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

6-27-11  
Date

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

*[Handwritten mark]*

*Annual Drinking Water Quality Report* 2012 JUN 27 PM 4: 47  
2011

Chickasaw-Lakeside  
PWSID# 540021

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is a water well pumping from the Meridian Upper Wilcox Aquifer. Our source water assessment has been completed and is available. Our well ranked "low". Please contact us if you'd like a copy of this report.

If you have any questions about this report or concerning your water utility, please contact **Casey Lipe at 662-609-5473**. We want our valued customers to be informed about their water utility. If you want to learn more, please contact our office at **662-563-5189**. We are open Monday thru Friday from 9:00 AM to 5:00 PM.

Lipe Waterworks 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 to December 31, 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 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.

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:

NA – Not applicable

ppm – parts per million or milligrams per liter (mg/l)

ppb - parts per billion or micrograms per liter (ug/l)

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

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.

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.

MRDL – Maximum Residual Disinfectant Level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

TEST RESULTS								
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>Disinfection By-Products</b>								
Chlorine as CL <sub>2</sub>	N	2009	0.5	0.48-0.54	Ppm	4	4	Water additive used to Control microbes
	N	2010	0.54	0.45-0.52				
	N	2011	0.7	0.5-0.7				
<b>Inorganic Contaminants</b>								
Barium	N	03/27/06	0.04	NA	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
	N	01/27/10	0.04					
Nitrate+ Nitrite (as N)	N	06/01/09	0.2	NA	Ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
	N	09/15/10	0.25					
	N	03/28/11	0.1					
<b>Radiological Contaminants</b>								
Combined Uranium Gross Alpha Particle Activity Combined Radium (226 & 228)	N	12/06/11	0.067		ppb	30		Erosion of natural deposits
	N	12/06/11	1.6		PCI/L	15		
	N	12/06/11	0.58		PCI/L	5		
<b>Lead &amp; Copper</b>								
Lead-action level at consumer taps	N	2006-2008 2009-2011	0.002 0.005	0 0	ppm	0	0.015	Corrosion of household plumbing systems; Erosion of natural deposits
Copper-action level at consumer taps	N	2006-2008 2009-2011	0.1 0.3	0 0	ppm	0	1.3	Corrosion of household plumbing systems; Erosion of natural deposits

\*\*\*\*\*A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007-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 completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518

## 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. Chickasaw Hills 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>.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All 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 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).

Please call our office if you have questions. **662-609-5473 or 662-563-5189**

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.

Casey Lipe, President  
Lipe Waterworks Co., Inc.  
P.O. Box 623  
Batesville, MS 38606