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MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM

NORTH MISSISSIPPI UTILITY COMPANY  
Public Water Supply Name

LAKE IF HILLS(0170029) BRIGHTS(0170002) EUDORA 901700006) CHICKASAW BLUFFS(0170028)  
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: DESOTO TIMES TRIBUNE

Date Published: 6 / 10 / 2010

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.

Bill Krum  
Name/Title (President, Mayor, Owner, etc.)

6-14-2010  
Date

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

# 2009 Drinking Water Quality Report/Eudora (0170006)

## **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. Local Water 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 two wells from the Sparta Sand Aquifer and one well from the lower Wilcox Aquifer

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

Currently, our source water assessment is being prepared by the Mississippi State Department of Health. When it is completed you will be notified and copies of this assessment will be made available upon request.

## **Why are there contaminants in my drinking water?**

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).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants,

such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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

We want our valued customers to be informed about their water utility. If you would like a copy of the Consumer Confidence Report for your area, please come by our office at 1481 Byhalia Rd. Our office hours are 8 AM to Noon and 1 Pm to 4:30 PM Monday through Friday.

### **Water Conservation Tips**

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference – try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit [www.epa.gov/watersense](http://www.epa.gov/watersense) for more information.

## **Source Water Protection Tips**

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides – they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

## **Other Information**

In accordance with the 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. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

## **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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our system failed to complete these monitoring requirements in April 2005. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of missing samples prior to the end of the compliance period.

## **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. North Mississippi Utility Company 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 or MRDLG	MCL, TT, or MRDL	Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
<b>Disinfectants &amp; Disinfectant By-Products</b>								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
TTHMs [Total Trihalomethanes] (ppb)	NA	80	1.67	NA		2009	No	By-product of drinking water disinfection
Haloacetic Acids (HAA5) (ppb)	NA	60	6	NA		2009	No	By-product of drinking water chlorination
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1.33	1.25	1.4	2009	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Antimony (ppb)	6	6	0.0005	NA		2009	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	0.00024 6	NA		2009	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.0076	NA		2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.0001	NA		2009	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries

Cadmium (ppb)	5	5	0.0002	NA		2009	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	0.0004	NA		2009	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	1.31	NA		2009	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Mercury [Inorganic] (ppb)	2	2	0.0002	NA		2009	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Selenium (ppb)	50	50	0.0005	NA		2009	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	0.5	2	0.0005	NA		2009	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
Cyanide [as Free Cn] (ppb)	200	200	0.005	NA		2009	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Nitrate [measured as Nitrogen] (ppm)	10	10	0.08	NA		2009	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.02	NA		2009	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>Contaminants</b>	<b>MCLG</b>	<b>AL</b>	<b>Your Water</b>	<b>Sample Date</b>	<b># Samples Exceeding AL</b>	<b>Exceeds AL</b>	<b>Typical Source</b>	
<b>Inorganic Contaminants</b>								
Lead - action level at consumer taps (ppb)	0	15	0.001	2008	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Copper - action level at consumer taps (ppm)	1.3	1.3	0	2008	10	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)
NA	NA: not applicable

ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

<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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
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.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

**For more information please contact:**

Contact Name: Bill J Roberson  
Address:  
P O Box 362  
Hernando, MS 38632  
Phone: 662-429-9509  
Fax: 662-429-6202  
E-Mail: NMUCH2O@aol.com

## PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI  
COUNTY OF DESOTO

**Diane Smith** personally appeared before me the undersigned in and for said County and State and states on oath that she is the **CLERK** of the DeSoto Times-Tribune, a newspaper published in the town of Hernando, State and County aforesaid, and having a general circulation in said county, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper 1 consecutive times, as follows, to-wit:

Volume No. 115 on the 10 day of June, 2010  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_, 2010  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_, 2010  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_, 2010  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_, 2010  
Volume No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_, 2010

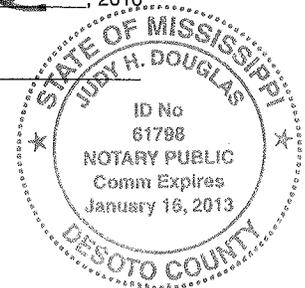
*Attached and  
made part of.  
D*

Diane Smith

Sworn to and subscribed before me, this 10 day of June, 2010

BY Judy Douglas

NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE  
MY COMMISSION EXPIRES: JANUARY 16, 2013  
BONDED THRU DIXIE NOTARY SERVICE, INCORPORATED



8 x 16 @ 6.48  
A. Single first insertion of \_\_\_\_\_ words @ .12 \$ 829.44  
B. \_\_\_\_\_ subsequent insertions of \_\_\_\_\_ words @ .10 \$ \_\_\_\_\_  
C. Making proof of publication and deposing to same \$ 3.00  
TOTAL PUBLISHER'S FEE: \$ 832.44

**2009 Drinking Water Quality Report  
North Mississippi Utility Company  
Brights (0170002) Eudora (0170006)  
Chickasaw Bluffs (0170028) Lake of the Hills (0170029)**

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. Local Water 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. Immunocompromised 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 are particularly at risk from infections. These people should seek advice 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 comes from three wells from the Sparta Sand Aquifer  
 source water assessment and its availability  
 Currently, our source water assessment is being prepared by the Mississippi State Department of Health. When it is completed you will be notified and copies of this assessment will be made available upon request.  
 Why are there contaminants in my drinking water?

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). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. In some cases, radioactive material, and can pick up substances resulting from the presence of animals from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which can come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?  
 We want our valued customers to be informed about their water utility. If you would like a copy of the Consumer Confidence Report for your area, please come by our office at 1481 Byhalia Rd. Our office hours are AM to Noon and 1 Pm to 4:30 PM Monday through Friday.  
 Other information

In accordance with the 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.

Contaminant	MCLG	MCL	TT or TT or	MRDLG	By-Products	Your MRDLG	Range	Sample	High	Date	Violation	Typical Source
Disinfectants & Disinfection By-Products						NA	60	6	NA	NA	2009	No
Halocarbon Acids (HAA5) (ppb)						NA	60	6	NA	NA	2009	No
THMs (Total Trihalomethanes) (ppb)						NA	NA	80	1.67	NA	2009	No
Inorganic Contaminants						6	0.0005	NA	NA	2009	No	Discharge from petroleum refineries; fire retardants, ceramics, electronics; solder; test addition.
Antimony (ppb)	0	10				0.00246	NA	NA	NA	2009	No	Erosion of natural deposits; runoff from glass and electronics production wastes
Arsenic (ppb)	2	2				0.0076	NA	NA	NA	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Barium (ppm)	4	4				0.0001	NA	NA	NA	2009	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Beryllium (ppb)	5	5				0.0002	NA	NA	NA	2009	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Cadmium (ppb)	100	100				0.0004	NA	NA	NA	2009	No	Discharge from steel and pulp mills; Erosion of natural deposits
Cyanide (as Free On) (ppb)	200	200				0.005	NA	NA	NA	2009	No	Erosion of natural deposits
Fluoride (ppm)	4	4				1.31	NA	NA	NA	2009	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Mercury (Inorganic) (ppb)	2	2				0.0002	NA	NA	NA	2009	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate (measured as Nitrogen) (ppm)	10	10				0.08	NA	NA	NA	2009	No	Runoff from cropland
Nitrite (measured as Nitrogen) (ppm)	1	1				0.02	NA	NA	NA	2009	No	Erosion of natural deposits
Selenium (ppb)	50	50				0.0005	NA	NA	NA	2009	No	Discharge from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Thallium (ppb)	0.5	2				0.0005	NA	NA	NA	2009	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Inorganic Contaminants						AL	AL	AL	Exceeds	2009	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
Copper - action level at consumer taps (ppm)	1.3	1.3				0	0	1.3	0	2009	10	No
Corrosion of household plumbing systems; Erosion of natural deposits						0	0	15	0.001	2009	0	No
Lead - action level at consumer taps (ppb)						0	0	15	0.001	2009	0	No
Corrosion of household plumbing systems; Erosion of natural deposits						0	0	15	0.001	2009	0	No
Water Quality Data Table - Chickasaw Bluffs (0170028)												
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.												

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. North Mississippi Utility Company is responsible for providing high quality drinking water, it 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 - Brights (01700002)**  
 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 the concentrations of these contaminants do not change frequently.

Contaminants	MCLG	AL	Your MCLG	MRDLG	Range	Sample	High	Date	Violation	Typical Source
Inorganic Contaminants					Water	Low				
Copper - action level at consumer taps (ppm)	1.3	0.1	2009	10	0	15	0.006	2009	0	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	0	2009	0	0	15	0.006	2009	0	Corrosion of household plumbing systems; Erosion of natural deposits

**Water Quality Data Table - Lake of the Hills (01700029)**  
 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 the concentrations of these contaminants do not change frequently.

Contaminants	MCLG	AL	Your MCLG	MRDLG	Range	Sample	High	Date	Violation	Typical Source
Inorganic Contaminants					Water	Low				
Copper - action level at consumer taps (ppm)	1.3	0.1	2009	10	0	15	0.006	2009	0	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	0	2009	0	0	15	0.001	2009	0	Corrosion of household plumbing systems; Erosion of natural deposits

**Water Quality Data Table - Eudora (01700006)**  
 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 the concentrations of these contaminants do not change frequently.

**Contaminants Monitored**  
 Inorganic Contaminants  
 Copper - action level at consumer taps (ppm)  
 Lead - action level at consumer taps (ppb)  
 Water Quality Data Table - Lake of the Hills (01700029)  
 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 the concentrations of these contaminants do not change frequently.

Contaminants	MCLG	AL	Your MCLG	MRDLG	Range	Sample	High	Date	Violation	Typical Source
Inorganic Contaminants					Water	Low				
Copper - action level at consumer taps (ppm)	1.3	0.1	2009	10	0	15	0.006	2009	0	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	0	2009	0	0	15	0.001	2009	0	Corrosion of household plumbing systems; Erosion of natural deposits

**Unit Descriptions**  
 ppm: parts per million, or milligrams per liter (mg/L)  
 ppb: parts per billion, or micrograms per liter (µg/L)  
 NA: not applicable  
 ND: Not detected  
 NR: Monitoring not required, but recommended

**Important Drinking Water Definitions**  
 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: 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.  
 TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.  
 AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.  
 Exemptions, Variances, and Exemptions: State of EPA permission not to meet an MCL or a treatment technique under certain conditions.  
 MRDLG: Maximum residual disinfectant level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectant to control microbial contaminants.  
 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.  
 MNR: Monitored Not Regulated  
 MPL: State Assigned Maximum Permissible Level

For more information please contact:  
 Bill J. Roberson, P. O. Box 362, Hernando, MS 38632, 662-429-9509, 662-429-6202  
 Customers of North MS Utility Company please be advised that individual CCR reports will not be mailed out. You may receive hard copies of the report at the office located at 1481 Bynalia Road, Hernando, MS