

2012 JUN -4 PM 2: 21

**BUREAU OF PUBLIC WATER SUPPLY**

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

North Lee County Water Assn  
Public Water Supply Name

410001, 410022, 410040, 410025, 410035, 410027, 410024  
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: DE MS Daily Journal

Date Published: 5/25/12

- 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.

Ken Clemens President  
Name/Title (President, Mayor, Owner, etc.)

5/30/12  
Date

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

2012 MAY 29 AM 8:08

2011 Annual Drinking Water Quality Report  
North Lee County Water Association  
PWS#: 410001, 410022, 410024, 410025, 410027, 410035, 410040  
May 2012

We're pleased to present to you this year's Annual Quality Water 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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Eutaw, Lower Eutaw, Eutaw-McShan and Gordo Formation Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the North Lee Water Association have received lower to moderate rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Ron Ragland at 662.869.1223. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 7:00 PM at the Birmingham Ridge Fire Department located at 947 CR 1948, Saitillo, MS. This report will not be mailed out to each individual customer but you may pick up a copy in the office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2011. In cases where monitoring wasn't required in 2011, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants 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 storm-water 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 storm-water 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 and septic systems; 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. 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 indicate that the water poses 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:

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Maximum Contaminant Level (MCL)* - 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 (MCLG)* - 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.

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

*Maximum Residual Disinfectant Level Goal (MRDLG)* - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

*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.

*Picocuries per liter (pCi/L)* - picocuries per liter is a measure of the radioactivity in water.

<b>PWS ID # 410001</b>		<b>TEST RESULTS</b>						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Microbiological Contaminants</b>								
1. Total Coliform Bacteria	Y	August	MCL Monitoring	5	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
<b>Inorganic Contaminants</b>								
10. Barium	N	2011	.09	.06 - .09	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2009/11	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011	.12	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2011	.03	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Disinfection By-Products</b>								
Chlorine	N	2011	.6	.20 – 1.4	ppm	0	MRDL = 4	Water additive used to control microbes

<b>PWS ID # 410022</b>		<b>TEST RESULTS</b>						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2011	.09	.08 - .09	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011	1.9	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009/11	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011	.11	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11	3	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

**Disinfection By-Products**

Chlorine	N	2011	.4	.25 – .63	ppm	0	MRDL = 4	Water additive used to control microbes
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**PWS ID # 410024****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
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**Microbiological Contaminants**

1. Total Coliform Bacteria	Y	April/June August	Monitoring MCL		NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
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**Inorganic Contaminants**

10. Barium	N	2011	.14	.01 - .14	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2009/11	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	2011	56	28 - 56	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
16. Fluoride	N	2011	.761	.1 - .761	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11	1	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2011	.03	.02 -.03	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

**Disinfection By-Products**

Chlorine	N	2011	.4	.33 – .6	ppm	0	MRDL = 4	Water additive used to control microbes
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**PWS ID # 410025****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
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**Inorganic Contaminants**

10. Barium	N	2011	.27	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2009/11	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

16. Fluoride	N	2011	.193	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11	1	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
22. Thallium	N	2011	.5	No Range	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories

### Disinfection By-Products

Chlorine	N	2011	.3	.08 - .5	ppm	0	MRDL = 4	Water additive used to control microbes
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### PWS ID # 410027

### TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
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### Inorganic Contaminants

10. Barium	N	2011	.15	.14 - .15	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2011	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2011	.5	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2011	.32	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

### Disinfection By-Products

81. HAA5	N	2011	2	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2011	3.34	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2011	.6	.32 - 1.28	ppm	0	MRDL = 4	Water additive used to control microbes

### PWS ID # 410035

### TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
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### Inorganic Contaminants

10. Barium	N	2011	.16	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2009/11	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

17. Lead	N	2009/11	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2011	.03	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Disinfection By-Products</b>								
82. TTHM [Total trihalomethanes]	N	2011	2.85	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2011	.4	.3 – .6	ppm	0	MRDL = 4	Water additive used to control microbes

<b>PWS ID # 410040</b>		<b>TEST RESULTS</b>						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Radioactive Contaminants</b>								
6. Radium 226 Radium 228	N	2011	.315 .436	No Range	pCi/l	0	5	Erosion of natural deposits
<b>Inorganic Contaminants</b>								
10. Barium	N	2011	.17	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2011	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2011	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
22. Thallium	N	2011	.5	No Range	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
<b>Disinfection By-Products</b>								
82. TTHM [Total trihalomethanes]	N	2011	2.71	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2011	.3	.3 – .52	ppm	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2011.

**Microbiological Contaminants:**

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

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.

**Monitoring Violations:**

In August 2011 our system # 410001 pulled 2 sample that tested positive for total coliform. Three of our re-samples tested positive for total coliform. The standard is no more than one. We also have a monitoring violation on this system for failing to give public notice. System # 410024: According to EPA CFR 141.21(a)(4), public water systems that are required to collect 6 or more routine bacteriological samples monthly may **not** collect all samples on the same day.

Our system collects 6 routine samples per month. During April 2011 and June 2011, we collected all 6 samples in the same day and therefore cannot be sure of the quality of our drinking water during that time. We also have a monitoring violation on this system for failing to give public notice

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. Our water system 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>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

**\*\*\*\*\*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 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 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.

The North Lee County Water Association works around the clock to provide top quality water to every tap. 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.

RECEIVED-WATER SUPPLY  
2012 JUN -4 PM 2:21 DAILY JOURNAL

#721660

**LEGAL NOTICE**

2011 ANNUAL DRINKING WATER QUALITY REPORT  
NORTH LEE COUNTY WATER ASSOCIATION  
PWS# 410001, 41002, 41003, 41007, 41005, 410040  
May 2012

We're pleased to present to you this year's Annual Quality Water 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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Eutaw, Lower Eutaw, Eutaw-McShan and Gordo Formation Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the North Lee Water Association have received lower to moderate rankings in terms of susceptibility to contamination. If you have any questions about this report or concerning your water utility, please contact Ron Ragland at 866.869.1223. We want our valued customers to be informed about their water utility. If you would like to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 7:00 PM at the Birmingham Scope Fire Department located at 947 CR 1948, Sallisaw, MS. This report will not be mailed out to each individual customer but you may pick up a copy in the office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2011. In cases where monitoring wasn't required in 2011, the table reflects the most recent results. As water travels from the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the natural livestock operations, and wildlife. Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water 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 storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production; and also come from gas stations and auto repair shops; radionuclides, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that you are getting safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. 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 indicate that the water poses 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:  
**Action Level** - The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, that a water system must follow.  
**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 MCLG 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.  
**Maximum Residual Disinfectant Level (MRDL)** - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.  
**Parts Per Billion (ppb) or Micrograms Per Liter (µg/L)** - One part per billion corresponds to one minute in two years or a single penny in \$10,000,000.  
**Parts Per Million (ppm) or Micrograms Per Liter (µg/L)** - One part per million corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Our system collects 6 routine samples per month. During April 2011 and June 2011, we collected all 6 samples in the same day and therefore cannot be sure of the quality of our drinking water during that time. We also have a monitoring violation on this system for failing to give public notice. 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 the service lines and home plumbing. Our water system 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 exposure to lead in your water 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 at 1-800-426-4791 or at <http://www.epa.gov/lead>. Mississippi State Department of Health Public Health Laboratory offers lead/copper testing for \$20 per sample. Please contact 601-576-7582 if you wish to have your water tested.

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 certain contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. In some cases, very small amounts of certain contaminants 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. Immunocompromised persons such as persons with cancer, some people may be more vulnerable to contaminants in drinking water than the general population. Infants and young children are also more vulnerable to contaminants in drinking water. People who are pregnant should consult their health care provider. EPA/CDC guidelines on appropriate means to assess the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

\*\*\*\* MESSAGE FROM MEDIA CONCERNING RADIOLOGICAL SAMPLING \*\*\*\*  
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 for the absence of radionuclides, 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 infection by the public water supply, MCHM 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. The North Lee County Water Association works around the clock to provide top quality water to every tap. 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.

PWS ID # 410001									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL/MRDL	Unit of Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Microbiological Contaminants</b>									
1. Total Coliform Bacteria	Y	August	MCL Monitoring	5	NA	0	presence of coliform bacteria in 3% of monthly samples	Naturally present in the environment	
<b>Inorganic Contaminants</b>									
10. Barium	N	2011-09	08-09	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2009/11	.12	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
16. Fluoride	N	2011	.11	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories	
17. Lead	N	2009/11	0	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
20. Nitrate (as Nitrogen)	N	2011	.03	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits	
<b>Disinfection By-Products</b>									
Chlorine	N	2011	.6	20-1-4	ppm	0	MRDL=4	Water additive used to control microbes	
TEST RESULTS									
PWS ID # 410022									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL/MRDL	Unit of Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Inorganic Contaminants</b>									
10. Barium	N	2011	.09	08-09	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
13. Chromium	N	2011	1.9	No Range	ppb	100	100	Discharge from steel and pulp mill; erosion of natural deposits	
14. Copper	N	2009/11	.11	No Range	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
16. Fluoride	N	2011	.11	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories	
17. Lead	N	2009/11	0	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
<b>Disinfection By-Products</b>									
Chlorine	N	2011	.4	25-6.3	ppm	0	MRDL=4	Water additive used to control microbes	
TEST RESULTS									
PWS ID # 410024									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL/MRDL	Unit of Measurement	MCLG	MCL	Likely Source of Contamination	

Microbiological Contaminants									
Total Coliform Bacteria	Appl/Date Analyzed	MCL Monitoring	NA	0	Presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment			
<b>Inorganic Contaminants</b>									
10. Barium	N	2011	.14	017.14	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2009/11	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
15. Cyanide	N	2011	56	28-56	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories	
16. Fluoride	N	2011	.761	1-.761	ppm	4	4	Erosion of natural deposits; water additive which promotes strong leach; discharge from fertilizer and aluminum factories	
17. Lead	N	2009/11	.1	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
20. Nitrate (as Nitrogen)	N	2011	.03	02-.03	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
<b>Disinfection By-Products</b>									
Chlorine	N	2011	.4	.33-.6	ppm	0	MRDL=4	Water additive used to control microbes	
<b>PWS ID # 410025</b>									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples	Unit of Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Inorganic Contaminants</b>									
10. Barium	N	2011	.27	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2009/11	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
16. Fluoride	N	2011	.193	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong leach; discharge from fertilizer and aluminum factories	
17. Lead	N	2009/11	.1	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
22. Thallium	N	2011	.5	No Range	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories	
<b>Disinfection By-Products</b>									
Chlorine	N	2011	.7	06-.5	ppm	0	MRDL=4	Water additive used to control microbes	
<b>PWS ID # 410047</b>									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples	Unit of Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Inorganic Contaminants</b>									
10. Barium	N	2011	.19	.14-.13	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2011	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
17. Lead	N	2011	.5	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
20. Nitrate (as Nitrogen)	N	2011	.32	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
<b>Disinfection By-Products</b>									
82. THM5 (Total Trihalomethanes)	N	2011	3.74	No Range	ppb	0	60	By-product of drinking water disinfection	
Chlorine	N	2011	.8	.37-.25	ppm	0	MRDL=4	Water additive used to control microbes	
<b>PWS ID # 410035</b>									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples	Unit of Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Inorganic Contaminants</b>									
10. Barium	N	2011	.16	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2009/11	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
17. Lead	N	2009/11	.2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
20. Nitrate (as Nitrogen)	N	2011	.03	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
<b>Disinfection By-Products</b>									
82. THM5 (Total Trihalomethanes)	N	2011	2.85	No Range	ppb	0	60	By-product of drinking water disinfection	
Chlorine	N	2011	.4	.3-.6	ppm	0	MRDL=4	Water additive used to control microbes	
<b>PWS ID # 410040</b>									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples	Unit of Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Radioactive Contaminants</b>									
6. Radium 226	N	2011	.315	No Range	pCi/l	0	5	Erosion of natural deposits	
<b>Inorganic Contaminants</b>									
10. Barium	N	2011	.17	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2011	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
17. Lead	N	2011	.2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
22. Thallium	N	2011	.5	No Range	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories	
<b>Disinfection By-Products</b>									
82. THM5 (Total Trihalomethanes)	N	2011	2.71	No Range	ppb	0	60	By-product of drinking water disinfection	
Chlorine	N	2011	.3	.1-.92	ppm	0	MRDL=4	Water additive used to control microbes	

\*Most recent sample. No samples required for 2011.  
 Microbiological Contaminants:  
 (1) Total Coliform: Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.  
 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.  
 Monitoring Violations:  
 In August 2011 our system # 410001 pulled 2 sample that tested positive for total coliform. Three of our re-samples tested positive for total coliform. The standard is no more than one. We also have a monitoring violation on this system for failing to give public notice. System # 410024: According to 89A C.R. 1A.1(10)(A), public water systems that are required to collect 6 or more positive bacteriological samples monthly may not collect all samples on the same day.  
 May 25, 2012.