

MISSISSIPPI STATE DEPARTMENT OF HEALTH
DIVISION OF WATER SUPPLY

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CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

North Lumberton Utility Association, Inc./ Springhill System

✕ PWS ID# 370007

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:

___ Advertisement in local paper

___ On water bills

___ Other: _____

Date Customers were Informed: _____

XX CCR was distributed by mail or other direct delivery. Specify other direct delivery methods: _____

Date Mailed/Distributed: 06/25/2010

___ CCR was published in local newspaper. (*Attach copy of published CCR & 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, Division of Water Supply.

Charles G. Martin

Date: 6-25-10

Charles G. Martin, Cert. Operator

Mail Completed Form to: Division of Water Supply/P. O. Box I 700/Jackson, MS 39215

conversion
to CCR
language

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Please Answer the Following Questions Regarding the Consumer Confidence Report

Customers were informed of availability of CCR by:

- Advertisement in local paper
- On water bills
- Other: _____

corrected
copy of CCR available
@ office for viewing

Date Customers were Informed: _____

XX CCR was distributed by mail or other direct delivery. Specify other direct delivery methods: _____

Date Mailed/Distributed: 06/25/2010

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Name of Newspaper: _____

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Charles G. Martin
Charles G. Martin, Cert. Operator

Date: 7-22-10

Mail Completed Form to: Division of Water Supply/P. O. Box 1 700/Jackson, MS 39215

Consumer Report

NORTH LUMBERTON WATER

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Clark Jordan and Jim Ross.
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- > **WATER CONSERVATION**
- > **PROTECT OUR WATER SYTEM**

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- > **Capacity Assessment.**
- > About our Association.
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Notice of Annual Meeting of Members:

Dear Member;
The Annual Meeting of the Members of North Lumberton Utility will be held at the Utility Office on Tuesday, September 14, 2010 at 6:00 pm. We encourage all Members to attend. The following business will be acted upon along with any matters that come up on agenda.

- 1) Call meeting to order.
- 2) Counting and recording of ballots for election of Board of Directors.
- 3) Nomination and election of Officers.
- 4) Approval of minutes of the previous meeting and any reports from Officers.
- 5) Address any old business and new business.
- 6) Adjournment.

Note: A ballot for election of Board of Directors has been included as an insert in this report. Please vote your choice and return ballot to the water office no later than September 13, 2010.

What's New:

North Lumberton Water recently lost two of our Representatives. Long time Board members Clark Jordan and Jim Ross passed away. Both had over 30 years each of service to our Association. Their service to this water association was greatly appreciated and will be missed.

P.R.U.A. Update

The Pearl River County Utility Authority has installed metering stations and Right-of-Ways have been established. Hopefully construction of the water line will begin soon which will allow us to begin purchasing water from the Utility Authority.

Water Conservation:

Did you know that the average household uses around 400 gallons of water per day or 100 gallons per person. There are many low-cost and no-cost ways to lower your water use. Try some of these tips and see how much difference it can make.

- Take short showers. A 5 minute shower uses about 5 gallons of water but a soaking bath can use as much a 50 gallons of water. Water efficient showerheads can save up to 750 gallon/month.
- Shut off water while brushing your teeth, shaving or washing your hair and save up to 500 gallons/month.
- Fix leaking faucets and toilets. The parts are inexpensive and can save as much a 1000 gallons/month.
- Water plants in the coolest part of the day and apply water only as fast as the soil can absorb it.
- Teach the children about water conservation. Make it a family effort to reduce your next water bill. Potable water has become a very valuable and scarce commodity. Use it wisely.
- For more information on water conservation tips visit: www.epa.gov/watersense

Protect Our Water System

Please get involved to help to protect our water lines. Always call before you dig or if you see someone else digging near a water line let them know that there are buried utilities near by. You can get all of the utilities located by calling **811**. Keep a lookout for unusual activity in and

around our facility sites and pipeline right-of-ways. Call our office if you see any.

Capacity Assessment:

The March 18, 2010 capacity assessment and inspection by the Ms. State Board of Health has been completed. At the time of the inspection the system was sited as being well maintained and operating properly. The capacity assessment is based on a rating from 0 to 5 for the **Technical, Managerial and Financial Capacities**. 0 is the lowest rating and 5 being the highest rating. For the **North Lumberton/Baxterville and Springhill Systems** ratings are; **Technical=5.0, Managerial=5.0, and Financial=5.0, (overall rating =5.0 / 5.0). Last years overall ratings were 4.7.**

About Our Association:

North Lumberton Utility is an equal opportunity service provider. We are located at 410 North Front Street; Lumberton, Ms 39455. The phone # is 601-796-4941. Our staff consists of Deborah Norton Office Manager; Jesse Williamson Greg Martin, and David Cox Certified Operators; Sarah Davis is our contract meter reader. Board of Directors are Jerry Smith, President; Dale Hanna, Vice President;

Bill Atwood, Sec./Treasurer; Area Representatives are Joey Walker, Loray Jordan, David Earl Johnson and Richard Southern.

About our Water

North Lumberton Utility currently pumps water from two aquifers with five wells located at three sites within our service area. Three wells are located in the

Baxterville area and pump water from a local aquifer called the Hattiesburg aquifer. This aquifer is approximately 200 feet deep. The water quality is relatively good in that it does not contain any appreciable amounts of minerals such as iron, (fe) or manganese, (mg), which can cause color and staining problems. However, due to CO2 the pH of this water is around 5.5 to 6.0 causing it to be highly corrosive. To correct the corrosive nature of the water, we employ a method of treatment that includes aeration to remove the CO2 followed by the introduction of hydrated lime to raise the pH to around 8.9.

One well is located on Little Black Creek Road. This well pumps from a major aquifer called the Miocene aquifer and is approximately 850 feet. The water from this well contains an appreciable amount of iron. Because of the iron, it is necessary to filter this water using a pressure filter. The filtration process requires that we raise the pH to around 8.5 using sodium carbonate(NA2CO3). After the pH has been adjusted, Potassium Permanganate (KMNO4) is used to oxidize the iron out of the water for filtering. The filter is then backwashed following the filtration of a set amount of water. We also have a well located on Springhill Road in Pearl River County that pumps from the Miocene aquifer. The water from this well has a concentration of Manganese(Mg) that will not remain in solution. Like iron, manganese requires filtration. We have employed a secondary treatment following

filtration that involves adding phosphate to bind any remaining manganese in solution. All of our sites include the use of gaseous Chlorine (Cl) to maintain a residual disinfectant.

Report On Our Drinking Water:

The year 2009 water analysis for your water are recorded on the following page of this report. North Lumberton Utility has met all E.P.A. and State Board of Health drinking water standards for the year 2009. All detects are well below the standards set forth. Some persons can be more vulnerable to certain contaminates than others. Persons with Immune-compromised conditions such as HIV/AIDS, organ transplant recipients, chemo-patients, the elderly or infants should seek advise from their health care provider concerning their drinking water. EPA's Center for Disease Control (CDC) offer guidelines through the Safe Drinking Water Hotline(1-800-426-4791). Expect all drinking water whether bottled or tap to contain trace amounts of contaminants. This does not necessarily indicate that the water poses a health risk to the individual drinking it. The standards set forth in the Safe Drinking Water Act have been set to reflect Maximum Contaminant Levels(MCL's) well below any known or expected risk to health. Additional information may be obtained by contacting the staff at our office or Ms. State Dept. of Health, Water Supply, or by logging in to <http://www.msdh.state.ms.us/watersupply/index.htm>

TEST RESULTS for 370007 (North Lumberton/Baxterville)

Contaminants	MCLG	MCL,	Your	Range		Sample	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water			Date		
Disinfectants & Disinfectant By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl ₂) (ppm)	4	4	1.22	1.09	1.22	2009	No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	NA	80	5.02	NA	0.0	2009	No	By-product of drinking water disinfection

Contaminant	MCLG	MCL	YOUR WATER	SAMPLE DATE	VIOLA TION	Likely Source of Contamination
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Microbiological Contaminants We are required to monitor your drinking water for specific contaminants on a monthly basis.

Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

1. Total Coliform Bacteria 0 <1 0 positive 2009 NO presence of coliform bacteria in 5% of monthly samples Naturally present in the environment.

2. Fecal coliform and E.coli 0 5 0 positive 2009 NO A routine sample and repeat sample are total coliform positive, and one is also fecal coliform or E. coli positive Human and animal fecal waste

Inorganic Contaminants

5. Antimony (mg/l)	0.006	0.006	<0.0005	03/02/09	NO	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
6. Arsenic (mg/l)	NA	0.050	<0.0005	03/02/09	NO	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
7. Barium (mg/l)	2.0	2.0	0.02223	03/02/09	NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
8. Beryllium (mg/l)	0.004	0.004	<0.0005	03/02/09	NO	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries
9. Cadmium (mg/l)	0.005	0.005	<0.0005	03/02/09	NO	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
10. Chromium (mg/l)	0.10	0.01	<0.0005	03/02/09	NO	Discharge from steel and pulp mills; erosion of natural deposits
11. Cyanide (mg/l)	0.200	0.200	<0.005	03/02/09	NO	Discharge from plastic and fertilizer factories; Discharge from steel and metal factories.
12. Fluoride (mg/l)	4.0	4.0	0.10000	03/02/09	NO	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
13. Mercury (mg/l)	0.002	0.002	<0.0005	03/02/09	NO	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
15. Selenium (mg/l)	0.050	0.050	<0.0025	03/02/09	NO	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
17. Thallium (mg/l)	0.5	0.002	<0.0005	03/02/09	NO	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
18. Nitrate (as Nitrogen) (mg/l)	10	10	0.48	04/30/09	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
19. Nitrite (as Nitrogen) (mg/l)	1	1	<0.05	04/30/09	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
Inorganic Contaminants							
Lead - action level at consumer taps (ppb)	0	15	2	2007	2	No	Corrosion of household plumbing systems;

Additional Testing:

North Lumberton Utility was required to conduct testing for Unregulated Contaminant Monitoring Regulations for 2009. We sampled and tested for 15 UCMR's and all results were reported as below the Minimum Reporting Level (MRL). All Results are available for review at our office.

North Lumberton Utility Assoc.
An equal opportunity service provider.
410 North Front Street
Lumberton, Ms.

39455

FIRST CLASS MAIL
US POSTAGE PAID
LUMBERTON, MS.
39455
PERMIT NO. 20

Subscriber Name
Number Street Address
City, State Postal Code

corrected language ID 370007

Lead and Copper Results

In August of 2007 North Lumberton Utility conducted our Lead and Copper sampling. We have finally received the results for the sampling from the Mississippi State Department of Health. The Lead and Copper test results are available for inspection at our office. Twenty samples were taken throughout the system from residential homes meeting the Tier 1 criteria of the E PA and the Ms. State Dept. of Health, Division of Water Supply. Lead results netted a 0.002 mg/L in the 90th percentile of sample. Copper results netted a 0.0 mg in the 90th percentile.

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 associated with service line and home plumbing. 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 <http://www.epa.gov/safewater/lead>. The Mississippi State Dept. of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

SOURCE WATER ASSESSMENTS Rankings are as follows:

- (id# 550057) Springhill Well ranking = Moderate
- (id# 370007-01) North Lumberton Well ranking = Moderate
- (id# 370007-04,05,06) Baxterville Wells ranking = Higher

Definitions:

MCL=Maximum Contaminant Level is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to MCLGoals as feasible using the best available treatment technology. MCLGs= the level of a contaminant in drinking water below which there is no known or expected risk to health. AL=Action Level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. RAA=Running Annual Average. PPM=parts per million. Mg/L=milligrams per Liter.

BACK COVER

2009 CCR Contact Information

Date: 7/21/10 Time: 10:45

PWSID: 370007

System Name: North Lumberton / Springhill

Lead/Copper Language

Chlorine Residual (MRDL) RAA

Other Violation(S) _____

Will correct report & mail copy marked "corrected copy" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

MR Martin will do a corrected copy and notify
customers of corrected copy on water bill.

Spoke with Charles Greg Martin 601 796-4941
(Operator, Owner, Secretary)