APPROVED

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

North Lumberton
Public Water Supply Name

MS 0370007
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: 6/22/09

☐ 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.

Joe Martin / operator
Name/Title (President, Mayor, Owner, etc.)

6/24/09
Date

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

JULY, 2009
Volume 11, Issue 1

Consumer Report

NORTHLUMBERTON/BAXTERVILLE

Inside this Issue

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 8th, 2009 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 7, 2009.

What's New:

North Lumberton & P.R.U.A.

Several things have happened since last years reporting on the status of the Pearl River County Utility Authorities progress to supply wholesale water. The Well, Treatment Plant and Elevated tank located just behind the hospital in Poplarville are all in service. Anyone who has traveled along Hwy 11 between Poplarville and Springhill Community would have notice the construction crews installing the distribution pipes. We are still contracted to purchase water from the Authority, although Right-Of-Way issues have hampered getting the water to North Lumberton Utility's Distribution lines.

Monitoring and reporting of compliance data:

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 in January of 2004, the Mississippi State Dept. 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 water system failed to complete these monitoring requirements for the month of March 2006.

MSDH Suspension of Radionuclides.

In accordance with the radionuclides rule, all community water systems were required to sample quarterly for radionuclides beginning Jan. 2007-Dec. 2007. Your water system completed monitoring and sampling for this period. During an audit of the M.S.D.H. radiological Laboratory, E.P.A. suspended monitoring and reporting of radiological samples until further notice. Although this is not the result of inaction by the public water supply, MSDH was required to issue violation. The Bureau of Public water supply is taking action to resolve this issue. If you have any questions, please contact Melissa Parker, Deputy Director of Public Water Supply, at 601-576-7518.

Capacity Assessment:

The March 18, 2009 Capacity assessment and inspection by the Ms. State Board of Health have 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** of the Water System. 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 and Greg Martin, Certified Operators; & David Cox Maintenance. The Board of Directors are Jerry Smith, President; Richard Southern, Vice President; Bill Atwood, Sec./Treasurer; Area Representatives are Jim Ross, Clark Jordan, David Earl Johnson and Dale Hanna.

About our Water

North Lumberton Utility currently pumps water from Two aquifers with wells located in three sites within our service area. **Three** wells located at Baxterville pump water from a local aquifer called **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 a concentration of 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 include aeration to remove the CO2 followed by the introduction of hydrated lime to raise the pH to around 8.9. **Another well** is located on Little Black Creek Road. This well pumps from a major aquifer called the **Miocene aquifer** and is approximately 850 feet deep. 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 2008 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 2008. 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 concerning drinking water 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)

Contaminant	MCLG	MCL	YOUR WATER	SAMPLE DATE	VIOLATION	Likely Source of Contamination
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. **During MARCH 2006** we failed to monitor or test for bacteriological contaminants.						
1.Total Coliform Bacteria	0	<1	0 positive	2008	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	2008	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
Radioactive Contaminant						
3. Gross Alpha(pCi/l)	0	15	ND	10/22/01	NO	Decay of Natural and man-made deposits
4. Beta(pCi/l) calculated from Gross Alpha	0	50	2.4	10/22/01	NO	Erosion of natural deposits
Inorganic Contaminants						
5.antimony(mg/l)	0.006	0.006	<0.0005	03/21/05	NO	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
6. Arsenic(mg/l)	NA	0.050	0.00160	02/27/06	NO	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
7. Barium(mg/l)	2.0	2.0	0.02747	02/27/06	NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
8. Beryllium(mg/l)	0.004	0.004	<0.0001	02/27/06	NO	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries
9. Cadmium(mg/l)	0.005	0.005	<0.0001	02/27/06	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	02/27/06	NO	Discharge from steel and pulp mills; erosion of natural deposits
11. cyanide(mg/l)	0.200	0.200	<0.005	02/27/06	NO	Discharge from plastic and fertilizer factories; Discharge from steel and metal factories.
12. Fluoride(mg/l)	4.0	4.0	0.18721	02/27/06	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	<0.0002	02/27/06	NO	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
14. Nickel(mg/l)	0.10	0.10	<0.005	03/02/04	NO	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
15. Selenium(mg/l)	0.050	0.050	<0.0005	02/27/06	NO	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
16. Sulfate(mg/l)	250.0	250.0	6.27	03/02/04	NO	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
17. Thallium(mg/l)	0.5	0.002	<0.0005	02/27/06	NO	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
18. Nitrate (as Nitrogen)(mg/l)	10	10	0.55	06/17/08	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
19. Nitrite (as Nitrogen)(mg/l)	1	1	<0.02	06/17/08	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
20. Lead(mg/l)	0	AL=0.015	AL=0.002	08/29/07	NO	Corrosion of household plumbing systems, erosion of natural deposits
21. Copper(mg/l)	1.3	AL=1.3	AL=0.0	08/29/07	NO	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
TTHM RAA(mg/l)	0.080	0.080	0.00	12/31/04	NO	
HAA5 RAA(mg/l)	0.060	0.060	0.00	12/31/04	NO	

TERMS AND DEFINITIONS

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

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

ND: No Detect. **RAA:** Running Annual Average Report for Trihalomethanes and Haloacetic Acids (TTHM/HAA

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

Average Chlorine

The Running Average Chlorine for your water during the year 2008 was equivalent to 0.88mg/L. at the Springhill Treatment plant.

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 and components associated with service lines and home plumbing. North Lumberton Water 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 form the Safe Drinking Water Hotline or at http://www.epa.gav/safewater/lead. The Mississippi State Department of Health Public Health Lab offers lead testing for $10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

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