

2022 MAY 19 PM 3:39

2021 CERTIFICATION
Consumer Confidence Report (CCR)

NORTH LUMBERTON UTILITY ASSOCIATION

PRINT Public Water System Name

I.D. 0370007

List PWS ID #s for all Community Water Systems included in this CCR

| CCR DISTRIBUTION (Check all boxes that apply) | |
|---|-------------------|
| INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other) | DATE ISSUED |
| <input type="checkbox"/> Advertisement in local paper (Attach copy of advertisement) | |
| <input type="checkbox"/> On water bill (Attach copy of bill) | |
| <input type="checkbox"/> Email message (Email the message to the address below) | |
| <input type="checkbox"/> Other (Describe: _____) | |
| DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other) | DATE ISSUED |
| <input checked="" type="checkbox"/> Distributed via U.S. Postal Service scheduled for | 06/16/2022 |
| <input type="checkbox"/> Distributed via E-mail as a URL (Provide direct URL): _____ | |
| <input type="checkbox"/> Distributed via Email as an attachment | |
| <input type="checkbox"/> Distributed via Email as text within the body of email message | |
| <input type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication) | |
| <input type="checkbox"/> Posted in public places (attach list of locations or list here) _____ | |
| <input type="checkbox"/> Posted online at the following address (Provide direct URL): _____ | |

CERTIFICATION

I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its customers in accordance with the appropriate distribution method(s) based on population served. Furthermore, I certify that the information contained in the report is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR requirements of the Code of Federal Regulations (CFR) Title 40, Part 141.151 – 155.

Charles Greg Martin
Name

operator/manager
Title

5/16/22
Date

SUBMISSION OPTIONS (Select one method ONLY)

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply.

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Consumer Report

N. LUMBERTON/BAXTERVILLE

Inside this Issue

1

> ANNUAL MEETING:

- > Water Loss
- > PAY BY CARD
- > Automatic Pay
- > 811 Locates
- > Capacity Assessments
- > About our Association

2

- > About our Assoc. (cont.)
- > About our Water
- > Report on Drinking Water

3

> 2021 WATER ANALYSIS TEST RESULTS.

> Definitions.

NOTE:
Member Voters
Ballot inside

BACK COVER:

- > Message about lead in drinking water.
- > Source Water Assessment

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 13TH, 2022 at 5:00 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 12, 2022.

Water Loss

At North Lumberton Utility we are always trying to prevent excessive water loss. We ask all our members to help us in this effort by reporting any suspicious water you may see. We greatly appreciate all the leaks that our members report each year.

Thank You!

PAY BY CARD

Members may now pay their water bill using credit or debit cards at our office or by phone.

There is a \$3.00 fee for card payments.

AUTOMATIC PAYING OF

Water bills. Any of our member customers who would prefer to have their water bill electronically

RECEIVED
MSDH WATER SUPPLY
I dated can contact us to set up your water bill payment by automatic pay.
2022 MAY 19 PM 3:39

811 Locate service

Calling for locates before you excavate in Mississippi is now required by law. Mississippi One Call has made it much easier to reach their call center by simply dialing 811.

Capacity Assessment:

The April 2022 Capacity assessment and inspection by the Ms. State Board of Health are listed below. 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)

Pearl River Utility Authority Capacity Assessment overall rating was 5.0/5.0.

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; Charles Martin, Operator/Mgr.; David Cox, Greg W. Martin and Chris Longino Operators. Sarah Davis, meter reader and part time office. The Board of Directors are Jerry Smith, President; Dale Hanna, Vice President; Joey Walker, Sec./Treasurer; Area Representatives are Loray

Jordan, David Earl Johnson, Levi Couty and Freddy Entrekkin.

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, or manganese, 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 corrosive. To correct the corrosive nature of the water, we use a treatment method that includes 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. 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. After the pH has been adjusted, Potassium Permanganate 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 that will not remain in solution. Like iron, manganese requires filtration. All of our sites include the use of gaseous Chlorine to maintain a residual disinfectant. **The Pearl River Utility Authority's** well is approximately 600 ft. deep with a capacity of 700 gallons per minute. Treatment consist of aeration and Lime for corrosion control and gaseous chorine for residual disinfection. Customers in the Poplarville area of our water system are served by water purchased wholesale from the Pearl River County Utility Authority.

Report On Our Drinking Water:

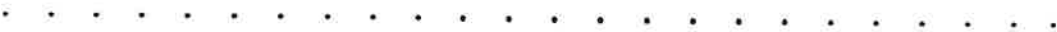
The year 2021 water analysis for your water are recorded on the following page of this report. North Lumberton Utility has met all E.P.A. and State Board of Health drinking water standards for the year 2021. All detects are well below the standards set forth. The results for the Pearl River County Utility Authority can be viewed at the Mississippi State Dept. of Health website or at our office.

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>

Remember to conserve:

Potable drinking water is a limited resource. We all need to do our best to protect and conserve our water. Greater demands along with natural and environmental issues have certainly placed more stress on our drinking water. Let us all try to **REMEMBER TO CONSERVE** every time we go to use water.



TEST RESULTS for 0370007 (NorthLumberton/Baxterville)

| Contaminant | MCLG | MCL | YOUR WATER | SAMPLE DATE | VIOLATION | Likely Source of Contamination |
|------------------------------|------|-----|------------|-------------|-----------|---|
| 1.Total Coliform Bacteria | 0 | <1 | 0 positive | 2021 | 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 | 2021 | 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. Uranium(ppb) | 0 | 30 | <0.5 | 06/02/21 | NO | Decay of Natural and man-made deposits |
| 4. | | | | | | |

NO V.O.C. *S VIOLATION

Inorganic Contaminants

| | | | | | | |
|---------------------------------|-------|--------|---------------------------------------|-----------|----|---|
| 5. antimony(mg/l) | 0.006 | 0.006 | <0.0005 | 04/02/19* | NO | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder |
| 6. Arsenic(mg/l) | NA | 0.050 | <0.0005 | 04/02/19* | NO | Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes |
| 7. Barium(mg/l) | 2.0 | 2.0 | 0.0252 | 04/02/19* | NO | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 8. Beryllium(mg/l) | 0.004 | 0.004 | <0.0005 | 04/02/19* | 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 | 04/02/19* | 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 | 04/02/19* | NO | Discharge from steel and pulp mills; erosion of natural deposits |
| 11. cyanide(mg/l) | 0.200 | 0.200 | <0.015 | 06/09/21* | NO | Discharge from plastic and fertilizer factories; Discharge from steel and metal factories. |
| 12. Fluoride(mg/l) | 4.0 | 4.0 | 0.1 | 04/02/19* | 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 | 04/02/19* | 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 | 04/02/19* | NO | Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines |
| 17. Thallium(mg/l) | 0.5 | 0.002 | <0.0005 | 04/02/19* | NO | Leaching from ore-processing sites; discharge from electronics, glass, and drug factories |
| 18. Nitrate (as Nitrogen)(mg/l) | 10 | 10 | 0.46 | 03/10/21 | NO | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| 19. Nitrite (as Nitrogen)(mg/l) | 1 | 1 | 0.608 | 03/10/21 | NO | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| 20. Lead (mg/l) | 0 | AL= 15 | 90 th %-0.00 20 samples | 08/06/21 | NO | Corrosion of household plumbing systems, erosion of natural deposits |
| 21. Copper(mg/l) | 1.3 | AL=1.3 | 90 th %- 0.0 20 samples | 08/06/21 | NO | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

| Contaminant | MCL | MCLG | Your water | Range | Sample year | Violation | Source of Contaminant |
|----------------|-----|------|------------|--------|-------------|-----------|--|
| TTHM SM1 (ppb) | 80 | N/A | 6.5 | 45-110 | 2021 | NO | Byproduct of drinking water disinfection |
| HAA5 SMI (ppb) | 60 | N/A | 7.0 | 25-78 | 2021 | NO | Byproduct of drinking water disinfection |

DISINFECTION BY-PRODUCTS

| Contaminant | MRDL Range | Your Water | Date | Violation | Source of contaminant |
|---------------|--------------|------------|------|-----------|---|
| Chlorine mg/l | 0.8-2.50mg/l | 1.80 MG/L | 2021 | None | Water additive used to control microbes |

UNREGULATED CONTAMINANT

| Contaminant | Secondary Limit | Your water | Date | Likely Source of Contaminant |
|--------------|-----------------|------------|----------|---|
| Sodium (ppb) | 250,000ppb | 76.2ppm | 03/09/22 | Road Salt, Water Treatment Chemicals, Water Softener. |

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. **MCLGs:** Maximum Contaminant Level Goal is the level of a contaminant in drinking water below which there is no known or expected risk to health. **AL:** Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which water systems must follow. **ND:** No Detect. **RAA:** Chlorine disinfectant Running Annual Average Report for Trihalomethanes and Haloacetic Acids.
* = Most recent sample/no sample required in 2021.

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

39455

US POSTAGE PAID

PERMIT NO.

Message about Lead and Copper

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 material and components associated with service lines 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 or up to 2 minutes before using the water for drinking or cooking purposes. North Lumberton Utility meets all E.P.A. and Ms. State Board of Health standards for lead and copper.

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