Certification

Water systems serving 10,000 or more must use: Distribution Method I Water systems serving 500 - 9,999 must use: Distribution Method I OR Distribution Method II, III, and IV Water system serving less than 500 people must use: Distribution Method I OR Distribution Method II, III, and IV OR Distribution Method III and IV	OFFICE USE ONLY
Public Water Supply name(s): **North Lumberton Utility**	7-digit Public Water Supply ID #(s): **0370007**

Distribution (Methods used to distribute CCR to our customers)

□ **I.** CCR directly delivered using one or more method below:	
□ *Provided direct Web address to customer □ Hand delivered ☒ Mail paper copy **(delivery date 6/16/23)** □ Email	*Add direct Web address (URL) here: Example: *"The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf call (000) 000-0000 for paper copy".*
□ **II.** Published the complete CCR in the local newspaper.	Date(s) published:
□ **III.** Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).	Date(s) notified: Location distributed:
□ **IV.** Post the complete CCR continuously at the local water office. □ "**Good Faith Effort**" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	Date: Locations posted:

Certification

This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule.

Name:	Title:	Date:
Charles Greg Martin	certified Operator	4/19/23

Submittal

Email the following required items to water.reports@msdh.ms.gov regardless of distribution methods used.

1. CCR (Water Quality Report) 2. Certification 3. Proof of delivery method(s)

Certification

Water systems serving 10,000 or more must use: Distribution Method I Water systems serving 500 - 9,999 must use: Distribution Method I OR Distribution Method II, III, and IV Water system serving less than 500 people must use: Distribution Method I OR Distribution Method II, III, and IV OR Distribution Method III and IV	OFFICE USE ONLY
Public Water Supply name(s): **SPRINGHILL WATER ASSOCIATION**	7-digit Public Water Supply ID #(s): **0550057**

Distribution (Methods used to distribute CCR to our customers)

□ **I.** CCR directly delivered using one or more method below:	
□ *Provided direct Web address to customer □ Hand delivered ☒ Mail paper copy **(delivery date 6/16/23)** □ Email	*Add direct Web address (URL) here: Example: *"The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf call (000) 000-0000 for paper copy".*
□ **II.** Published the complete CCR in the local newspaper.	Date(s) published:
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Certification

This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule.

Name:	Title:	Date:
Charles Doug Martin	certified operator	4/19/23

Submittal

Email the following required items to water.reports@msdh.ms.gov regardless of distribution methods used.

1. CCR (Water Quality Report) 2. Certification 3. Proof of delivery method(s)

MSDH ID #0550057 JULY, 2023
Volume 19, Issue 1

Consumer Report

SPRINGHILL/WEST POPLARVILLE

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 12TH, 2023 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 11, 2023.

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 NOW

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 drafted can contact us to set up your water bill payment by automatic pay.

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 2023 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=3.0, (overall rating =4.3 / 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. 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 Entrekin.

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 2022 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 2022. 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.

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

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**	2022	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**	2022	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
Inorganic Contaminants						
6. Arsenic(mg/l)	NA	0.050	**0.004**	11/17/22	NO	Erosion of natural deposits: runoff from orchards: runoff from glass and electronics production wastes **Range = 0 to 0.0038 on 3 samples.**
7. Barium(mg/l)	2.0	2.0	**0.026**	11/17/22	NO	Discharge of drilling wastes: discharge from metal refineries: erosion of natura deposits **Range = 0.0105 to 0.0262 on 3 samples.**
9. Cadmium(mg/l)	0.005	0.005	**<0.0005**	11/17/22	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**	11/17/22	NO	Discharge from steel and pulp mills: erosion of natural deposits
11. Cyanide(ppm)	0.20	0.20	**<0.015**	06/09/21*		Discharge from plastic and fertilizer factories: Discharge from steel and metal factories.
12. Fluoride(mg/l)	4.0	4.0	**0.178**	09/06/22	NO	Erosion of natural deposits: water additive which promotes strong teeth: discharge from fertilizer and aluminum factories **Range = 0 to 0.178 on 3 samples.**
15. Selenium(mg/l)	0.050	0.050	**<0.0025**	11/17/22	NO	Discharge from petroleum and metal refineries: erosion of natural deposits: discharge from mines
17. Thallium(mg/l)	0.5	0.002	**<0.0005**	11/17/22	NO	Leaching from ore-processing sites: discharge from electronics, glass, and drug factories
18. Nitrate (as Nitrogen)(mg/l)	10	10	**0.634**	02/14/22	NO	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits **Range = 0 to 0.634 on 3 samples.**
19. Nitrite (as Nitrogen)(mg/l)	1	1	**< 0.02**	02/14/22	NO	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits **Range = < 0.02 on 3 samples.**

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 SM1 (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	0.6-2.5 mg/l	**1.60 MG/L**	2022	None	Water additive used to control microbes

UNREGULATED CONTAMINANT

Contaminant	Secondary Limit	Your water	Date	Likely Source of Contaminant
Sodium (mg/l)	25 mg/l	**76.2**	03/09/22	Road Salt, Water Treatment Chemicals, Water Softener.

Range = 2.64 to 76.2 on 3 samples. Excessive sodium intake contributes to age-related increases in blood pressure leading to hypertension and cardiovascular disease.

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 2022.**

TEST RESULTS for 0550057 (Springhill/ West Poplarville)

Contaminant	MCLG	MCL	YOUR WATER	SAMPLE DATE	VIOLATION	Likely Source of Contamination
1.Total Coliform Bacteria	0	<1	**0 positive**	2022	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**	2022	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. Uanium (ppb)	0	30	**<0.5**	11/04/21*	NO	Decay of Natural and man-made deposits
Inorganic Contaminants						
6. Arsenic(mg/l)	NA	0.050	**<0.0005**	10/23/19*	NO	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
7. Barium(mg/l)	2.0	2.0	**0.0380**	10/23/19*	NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
9. Cadmium(mg/l)	0.005	0.005	**<0.0005**	10/23/19*	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	0.10	**<0.0005**	10/23/19*	NO	Discharge from steel and pulp mills; erosion of natural deposits
11.Cyanide(ppm)	0.20	0.20	**<0.015**	09/09/22	NO	Discharge from plastic and fertilizer factories; Discharge from steel and metal factories.
12. Fluoride(mg/l)	4.0	4.0	**0.135**	10/23/19*	NO	Erosion of natural deposits; water additive which promotes strong teeth; dischar from fertilizer and aluminum factories
15. Selenium(mg/l)	0.05	0.05	**<0.0025**	10/23/19*	NO	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
17. Thallium(mg/l)	0.5	0.002	**<0.0005**	10/23/19*	NO	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
18. Nitrate (as Nitrogen)(mg/l)	10	10	**0.304**	03/08/22	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natura deposits
19. Nitrite (as Nitrogen)(mg/l)	1	1	**<0.02**	03/08/22	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natura deposits
20. Lead (ppb)	0	15ppb	**2.0 ppb**	10/04/20*	NO	Corrosion of household plumbing systems, erosion of natural deposits
21. Copper(ppb)	1.3	1300ppb	**0.0**	10/04/20*	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	**< 1.0**	45-110	2022	NO	Byproduct of drinking water disinfection
HAA5 SM1 (ppb)	60	N/A	**<1.0**	25-78	2022	NO	Byproduct of drinking water disinfection

DISINFECTION BY-PRODUCTS

Contaminant	MRDL Range	Your Water	Date	Violation	Source of contaminant
Chlorine mg/l	0.8-1.6 mg/l	1.10 mg/l	2022	None	Water additive used to control microbes

UNREGULATED CONTAMINANT

Contaminant	Secondary Limit	Your water	Date	Likely Source of Contaminant
Sodium (ppb)	25 mg/l	**5 mg/l**	2021*	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.

*** = Most recent sample/no sample required in 2022.**