MAY 0 4 2020

2019 CERTIFICATION

Consumer Confidence Report (CCR)

SPRINGHILL / NORTH LUMBERTON UTILITY

Public Water System Name

MS0550057

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

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must email, fax (but not preferred) or mail a copy of the CCR and Certification to the MSDH.** Please check all boxes that apply.

Customers were informed of availability of CCR by: ***(Attach copy of publication, water bill or other)***

- ☐ Advertisement in local paper ***(Attach copy of advertisement)***
- ☐ On water bills ***(Attach copy of bill)***
- ☐ Email message ***(Email the message to the address below)***
- ☐ Other _____

Date(s) customers were informed: __/__/2020 __/__/2020 __/__/2020

X CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used _____

* Date Mailed/Distributed: **06 / 10 / 2020** * date of mail distribution scheduled with Hederman Brothers Printing.

– CCR was distributed by Email ***(Email MSDH a copy)*** Date Emailed: __/__/2020

- ☐ As a URL _____ ***(Provide Direct URL)***
- ☐ As an attachment
- ☐ As text within the body of the email message

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: __/__/2020

CCR was posted on a publicly accessible internet site at the following address:

will be _____ ***(Provide Direct URL)***

CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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 PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Greg Martin Manager — 5/3/20

Name, Title (*Board President, Mayor, Owner, Admin. Contact, etc.*) — Date

Submission options (*Select one method ONLY*)

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

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800
Not a preferred method due to poor clarity

CCR Deadline to MSDH & Customers by July 1, 2020!

MSDH ID #0550057 JULY, 2020
Volume 16, Issue 1

Consumer Report

SPRINGHILL/WEST POPLARVILLE

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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 8th, 2020 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 8th, 2019.

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!

A NEW LATE NOTICE CARD is now being sent out for past due accounts. The card is just like the billing card but is red in color. It shows what is owed and the disconnect date.

AUTOMATIC PAYING OF

Water bills is now available. 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 2020 Capacity assessment and inspection by the Ms. State Board of Health have been DELAYED DUE TO THE RECENT COVID19 OUTBREAK. **Results listed below are from April 2019.** 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 was not available at the time of this report.

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; CharlesMartin,Operator/Manager ,David Cox, Greg W. Martin and Chris Longino Operators. Sarah Davis reads our water meters. The Board of Directors are Jerry Smith, President; Dale Hanna,

Vice President; Joey Walker, Sec./Treasurer; Area Representatives are Loray Jordan, David Earl Johnson, Joe Keith and Freddie 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 CO_2 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 CO_2 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 2019 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 2019. 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 0550057 (Springhill/ West Poplarville) year 2019

Contaminant	MCLG	MCL	YOUR WATER	SAMPLE DATE	VIOLATION	Likely Source of Contamination
1.Total Coliform Bacteria	0	<1	0 positive	2019	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	2019	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 pCi/l = Picocuries Per Liter						
3. Gross Alpha(pCi/l)	0	15	0.08	12/03/12*	NO	Decay of Natural and man-made deposits
4. Radium 226/228(pCi/l)	0	5	<0.434	12/03/12*	NO	Erosion of natural deposits
Inorganic Contaminants						
5. Antimony(mg/l)	0.006	0.006	<0.0005	10/23/19	NO	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
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	0.0308	10/23/19	NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
8. Beryllium(mg/l)	0.004	0.004	<0.0005	10/23/19	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	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(mg/l)	0.200	0.200	<0.015	05/20/19	NO	Discharge from plastic and fertilizer factories; Discharge from steel and metal factories
12. Fluoride(mg/l)	4.0	4.0	0.139	10/23/19	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	10/23/19	NO	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
14. Nickel(mg/l)	0.10	0.10	0.002	2013*	NO	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
15. Selenium(mg/l)	0.05	0.05	<0.0005	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	0.46	12/10/19	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
19. Nitrite (as Nitrogen)(mg/l)	1	1	<0.02	12/10/19	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
20. Lead (ppb)	0	AL=15	90%= 3.0 10samples	12/31/17*	NO	Corrosion of household plumbing systems, erosion of natural deposits
21. Copper(ppb)	1.3	AL=1.3	90%= 0.0 10samples	12/31/17*	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	8.79	45-110	2016*	NO	Byproduct of drinking water disinfection
HAA5SM1 (ppb)	60	N/A	2.0	25-78	2016*	NO	Byproduct of drinking water disinfection

DISINFECTION BY-PRODUCTS

Contaminant	MRDL Range	Your Water	Date	Violation	Source of contaminant
Chlorine mg/l	0.89-1.54mg/l	1.4 mg/l	2019	None	Water additive used to control microbes

UNREGULATED CONTAMINANT

Contaminant	Secondary Limit	Your water Highest Result	Likely Source of Contaminant
Sodium (ppb)	250,000ppb	53000ppb	Road Salt, Water Treatment Chemicals, Water Softener, Sewage Effluents

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 2019.**

North Lumberton Utility Assoc.
An equal opportunity service provider.
410 North Front Street
Lumberton, Ms.
39455

PRESORT STD.
US POSTAGE PAID
HATTIESBURG, MS.
39402
PERMIT NO. 219

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.

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