

2021 CERTIFICATION

Consumer Confidence Report (CCR)

TOWN OF NEWBROWN
PRINT Public Water System Name

0390004

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 checked="" type="checkbox"/> Advertisement in local paper (Attach copy of advertisement) <u>ON CCR IN PAPER</u> | <u>6-15-22</u> |
| <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 |
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| <input type="checkbox"/> Distributed via Email as text within the body of email message | |
| <input checked="" type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication) | <u>6-15-22</u> |
| <input checked="" type="checkbox"/> Posted in public places (attach list of locations or list here) <u>IN NEWBROWN TOWN HALL</u> | <u>6-15-22</u> |
| <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. | |
| <u>Bobby Selman</u> Name | <u>OPERATOR</u> Title |
| | <u>6-21-22</u> 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 |

2021 Annual Drinking Water Quality Report
TOWN OF NEWHEBRON
PWS ID# 390004
June 10, 2022

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from one well producing water from the Citronelle Formation Aquifer.

Our source water assessment has been completed and it shows our wells have a lower susceptibility to contamination. I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Bobby Selman, our operator, at 601-455-2791. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of every month at 6:00p.m. at Newhebron Town Hall.

The Town of Newhebron routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2021. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

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

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The Maximum Allowed (MCL) is 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.

Maximum Contaminant Level Goal - The Goal (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

TEST RESULTS

| Contaminant | Violation Y/N | Date Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit Measurement | MCLG | MCL | Likely Source of Contamination |
|---|---------------|----------------|----------------------------------|--|------------------|------|--------|--|
| Disinfectants & Disinfection By-Products (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.) | | | | | | | | |
| Chlorine (as CL ₂) | N | 2021 | 1.0 (RAA) Running Annual Average | 0.95-low 1.20-high | ppm | 4.0 | 4.0 | Water additive used to control microbes |
| Inorganic Contaminants | | | | | | | | |
| 9.Sodium* | NA | 2019 | 20000 | No Range | ppb | | 250000 | Erosion of natural deposits. |
| 10. Barium* | N | 04/27/2020 | 0.019 | NO RANGE | Ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 11.Chromium* | N | 5/01/2020 | 0.0005 | NO RANGE | ppm | n/a | 100 | Discharge from steel and pulp mills;erosion of natural deposits |
| 14. Copper | N | 8/13/2020 | 0.0 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 17. Lead | N | 8/13/2020 | 2.0 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| 19. Nitrate (as Nitrogen) | N | 3/8/21 | 0.511 | 0 | ppm | 10 | 10 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |

**most recent sample*

Inorganic Contaminants:

(9) Sodium. Likely Source of Contamination-Road Salt, Water Treatment Chemicals, Water Softeners, and Sewage Effluents.

(10) Barium. Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.

(14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

(17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

(19) Nitrate. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the TOWN OF NEW HEBRON, 0390004 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 92%.

***** 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. The Town Of Newhebron 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 from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department 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.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

This CCR Report will not be delivered to you by mail but you may obtain a copy at Newhebron Town Hall.

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI
LAWRENCE COUNTY

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TOWN OF NEWHEBRON
PWS ID# 390004
June 10, 2022

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| 10. Barium | N | 04/27/2020 | 0.019 | NO RANGE | Ppm | 2 | 2 | Discharge of drilling wastes, discharge from metal refineries; erosion of natural deposits |
| 11. Chromium | N | 5/01/2020 | 0.0005 | NO RANGE | ppm | NA | 100 | Discharge from steel and pulp mills; erosion of natural deposits |
| 14. Copper | N | 8/14/2020 | 0.0 | 0 | ppm | 1.3 | AL-1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood |

Personally came to me, the undersigned, authority in and for LAWRENCE COUNTY, Miss., the CLERK of the LAWRENCE COUNTY PRESS, a newspaper published in the City of Monticello, Lawrence County, in said state, who, being duly sworn, deposes and says that the LAWRENCE COUNTY PRESS is a newspaper as defined and prescribed in Senate Bill No. 203 enacted in the regular session of the Mississippi Legislature of 1948, amended Section 1858, of the Mississippi Code of 1942, and that the publication of a notice, of which the annexed is a true copy appeared in the issues of said newspaper as follows:

DATE: 6-15-22
DATE: _____
DATE: _____
DATE: _____

Published 1 times

(Signed)
Tammy Perrett
(Clerk of the Lawrence County Press)

SWORN TO and subscribed before me,
this 15th day of
June 2022
Vata W. Walker

A Notary Public in and for the County of Copiah, State of Mississippi.



| | | | | | | | | | |
|-------------------------|---|-----------|-------|---|-----|----|-------|--|---|
| | | | | | | | | | systems, erosion of natural deposits, leaching from wood preservatives |
| 17. Lead | N | 8/13/2020 | 2.0 | 0 | ppb | 0 | AL-15 | | Corrosion of household plumbing systems, erosion of natural deposits |
| 19. Nitrate as Nitrogen | N | 3/3/21 | 0.541 | 0 | ppm | 10 | 10 | | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |

***most recent sample**

Contaminants:

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