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2021 CERTIFICATION
Consumer Confidence Report (CCR)

Town of Shannon

PRINT Public Water System Name

0410013

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

| CCR DISTRIBUTION (Check all boxes that apply) | |
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| <input checked="" type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication) | <i>6-23-22</i> |
| <input type="checkbox"/> Posted in public places (attach list of locations or list here) _____ | |
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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.

Paul Lyles
Name

Mayer
Title

7-21-2022
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

Rec'd 6/16/22

2021 Annual Drinking Water Quality Report

Town of Shannon

PWS ID: 0410013

June 13, 2022

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is three wells. Our wells draw from the Eutaw Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of Shannon have received lower to **moderate** rankings to contaminations.

I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Daniel Vaughan at 662-767-3969. We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of our regular meetings, on the first Thursday night of each month at 6:00 p.m. at The Town Hall.

The **Town of Shannon** 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.

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.

MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants

Parts per million (ppm) – Milligrams per liter (mg/L).

Parts per billion (ppb) – Micrograms per liter (ug/L).

| 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) (ppm) | N | 2021 | 0.5 | 0.18—0.70 | Ppm | 4 | 4 | Water additive used to control microbes |
| Inorganic Contaminants | | | | | | | | |
| Barium | N | 2020 | .1128 | N -range | Ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| Chromium | N | 2020 | 8.0 | No-range | Ppb | 100 | 100 | Discharge from steel and pulp mills; erosion of natural deposits |
| Cyanide | N | *2017 | 17.0 | No-range | ppb | 2000 | 200 | Discharge from steel/metal factories; discharge from plastic and fertilizer factories |
| Fluoride | N | 2020 | .113 | No-range | Ppm | 4.0 | 4.0 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| Copper | N | 2021 | 0.2 | .2 ppm | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Lead | N | 2021 | 2.0 | 0.5—1.5 ppb | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| Thallium | N | 2020 | .7 | No-range | Ppb | 0.5 | 2 | Leaching from ore-processing sites; discharge from electronics, glass, and drug factories |
| Unregulated Contaminants | | | | | | | | |
| Sodium | N | *2019 | 55,000 | No-range | ppb | 250,000 | 250,000 | Road salt, Water treatment chemicals, Water softeners, and Sewage effluents |

*Most recent sample. No sample was required in 2021

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

“We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During 12/2021, we did not monitor or test the correct number of samples for lead and copper, and therefore, cannot be sure of the quality of your drinking water during that time”.

“This public water system received a violation for not submitting a 2021 CCR. The CCR was completed, and this system was returned to compliant.”

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 Shannon** 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>. 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).

Your CCR will not be mailed to you however; you may obtain a copy at the by calling 662-767-3969 if you have questions.

PROOF OF PUBLICATION

STATE OF MISSISSIPPI
COUNTY OF Lee

Before the undersigned, a Notary
in and for said state and county, Jim Clark
general manager of the

The Lee County Courier

a newspaper published
in the Town of Tupelo in said county and state, makes oath that the

Shannon Water Report

of which the article hereunto attached is a true copy, was published in said newspa-
per as follows:

| | | | |
|------------------|---------------|---------------------|--------------|
| Volume <u>30</u> | No. <u>25</u> | Date <u>July 23</u> | 20 <u>22</u> |
| Volume _____ | No. _____ | Date _____ | 20 _____ |
| Volume _____ | No. _____ | Date _____ | 20 _____ |
| Volume _____ | No. _____ | Date _____ | 20 _____ |
| Volume _____ | No. _____ | Date _____ | 20 _____ |

And I, hereby certify that the issues above mentioned have been examined by me, and I find the publication thereof to have been duly made, and that The Lee County Courier has been established, published and had a bona fide circulation in said city, county and state for more than one year next proceeding the first date written above.

[Signature]
General Manager

Sworn to and subscribed before me this the 7th day
of July, 2022

My commission expires February 26, 2024

