

2021 CERTIFICATION

MSDH-WATER SUPPLY
Consumer Confidence Report (CCR)

2022 JUN 15 AM 8:48

Tr, Lake Royal Water Assoc. INC

PRINT Public Water System Name

0810010 (East) 0810012 (West) 0810033 (Central)

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 checked="" type="checkbox"/> On water bill (Attach copy of bill)	5-29-2022
<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 type="checkbox"/> Distributed via U.S. Postal Service	
<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 checked="" type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	6-2-2022
<input checked="" type="checkbox"/> Posted in public places (attach list of locations or list here) <u>Library & Court house</u>	5-31-2022
<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.

Henry R. White
Name

President
Title

6-6-2022
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

TRI-LAKE RURAL WATER ASSOCIATION

The association has 3 wells designated by:

PWS ID 0910012 West well serving accounts 010001000 through 010304500

PWS ID 0810033 Central well serving accounts 010304700 through 010385000

PWS ID 0810010 East well serving accounts 010386000 through 010470000

To request a copy of the report call (473-6505 or 473-4162) and it will be mailed to you.

2021 Drinking Water Quality Report

Is my water safe?

Last year, as in the past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again, we are proud to report that our system has not violated a maximum contaminate level or any other water quality standard. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer under going chemotherapy, persons, who have under gone 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 ask advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water comes from one well. It draws water from the Lower Wilcox Aquifer. Our source water assessment has been prepared by the Mississippi Department of Health. Wells are rated as to their susceptibility to contamination. Ratings are in three rankings: (1) Higher; (2) Moderate; (3) Lower.

Why are the contaminants in my drinking water?

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 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 (800-426-4791).

How can I get involved?

We encourage all customers who have any concerns or questions to call Mr. Donny Morris (662-473-6505). We want our customers to be informed about their water quality. If you want to learn more about your utility, attend our annual meeting, which is held in October at the Farm Bureau building in Water Valley. Exact dates are noted on water bills and in the local paper in September.

Other information:

You may want additional information about your drinking water. You may contact certified waterworks operator or you may prefer to log on to the internet and obtain specific information about our system and its compliance history at the following address: www.msdh.state.ms.us. Information including current and past boil water notices, compliance, reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" and "Flooding and Safe Drinking Water" may be obtained.

WATER QUALITY DATA TABLE

The table below list all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contamination in the water does not necessarily indicate that the water poses a health risk. Unless other wise noted, the data presented in this table is form testing done in the calendar year of this report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminations less than once per year because the contaminants do not change frequently. Some of the data, though representative of the water quality, may be more than one year old.

MCLG: Maximum Contamination Level Goal: The level of contamination in drink inking water below whig is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL: Maximum Contamination Level: The highest level of a contamination that is allowed in drinking water. MCLs are set as close to the MCLs as feasible using the best available treatment technology.
AL: Action Level: The concentration of a contamination which if exceeded triggers treatment or other requirements, which a water system must allow.
MRDL: Maximum residual disinfectant level. Highest disinfectant allowed in drinking water.
RRA: Running annual average.

PWS 0810012: This well is rated (2) Moderate

Contaminants (Units)	MCLG	MCL	Your Water	Sample Date	Violation	Typical Source
Inorganic Contaminants						
Barium	2	2	0.0127	6/20/2019	No	Discharge of drilling waste Discharge from metal refineries Erosion of natural deposits
Chromium	0.1	0.1	0.0005	6/20/2019	No	Discharge from Steel and pulp mills Erosion of natural deposits
Cyanide	0.2	0.2	0.015	10/10/2019	No	Discharge from plastic and fertilizer, steel and metal factories
Nitrate + Nitrite (ASN)	10	10	0.1	5/6/2021	No	Run off from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Copper (ppm)	1.3	1.3	0.3	12/31/2020	No	Erosion of natural deposits; leaching Corrosion of household plumbing system From wood preservatives
Lead (ppb)	0	15	0.00	12/31/2020	No	Corrosion of household plumbing system Erosion of natural deposits

Microbiological Contaminants						
# Total Coliform	0	>1	0	2020	No	Naturally present in the environment

THM (ppb) (Total Trihalomethanes)	0	100	1	12/15/2021	No	By Product of drinking water chlorination
HAA5 (ppb)	0	100	1.73	12/22/2021	No	By Product of drinking water chlorination
Chlorine	MRDL=4	RRA	0.40 mg/l	2021	No	Additive to control microbes

Unregulated Contaminate						
Sodium	250,000	N/A	49,000	2019	No	Road salt, water treatment chemical, water softener, sewage effluents

MRDL Range Field 0.40 to 0.40 mg/l. RAA 0.40 mg/l

PWS 0810033: This well is rated (3) Low

Contaminants (Units)	MCLG	MCL	Your Water	Sample Date	Violation	Typical Source
Inorganic Contaminants						
Barium	2	2	0.0128	6/13/2019	No	Discharge of drilling waste Discharge from metal refineries Erosion of natural deposits
Chromium	0.1	0.1	0.0009	6/13/2019	No	Discharge from Steel and pulp mills Erosion of natural deposits
Cyanide	0.2	0.2	0.15	10/10/2019	No	Discharge from plastic and fertilizer, steel and metal factories
Nitrate + Nitrite (ASN)	10	10	0.01	5/6/2021	No	Run off from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Copper (ppm)	1.3	1.3	0.3	12/31/2020	No	Erosion of natural deposits; leaching Corrosion of household plumbing system From wood preservatives
Lead (ppb)	0	15	0.000	12/31/2020	No	Corrosion of household plumbing system Erosion of natural deposits

Microbiological Contaminants						
# Total Coliform	0	>1	0	2021	No	Naturally present in the environment

TTHM (ppb) (Total Trihalomethanes)	0	100	11.01	8/15/2017	No	By Product of drinking water chlorination
HAA5 (ppb)	0	100	3.0	11/3/2020	No	By Product of drinking water chlorination
Chlorine	MRDL=4	RRA	0.40 mg/l	2021	No	Additive to control microbes

Unregulated Contaminate						
Sodium	250,000	N/A	47,000	2019	No	Road salt, water treatment chemical, water softener, sewage effluents

MRDL Range Field 0.40 to 0.40 mg/l RAA 0.40 mg/l

PWS 0810010: This well is rated (2) Moderate

Contaminants (Units)	MCLG	MCL	Your Water	Sample Date	Violation	Typical Source
Inorganic Contaminants						
Barium	2	2	0.003	6/13/2019	No	Discharge of drilling waste Discharge from metal refineries Erosion of natural deposits
Chromium	0.1	0.1	0.0007	6/13/2019	No	Discharge from Steel and pulp mills Erosion of natural deposits
Cyanide	0.2	0.2	0.015	7/30/2019	No	Discharge from plastic and fertilizer, steel and metal factories
Nitrate + Nitrite (ASN)	10	10	0.1	5/6/2021	No	Run off from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

Contaminants (Units)	MCLG	MCL	Your Water	Sample Date	Violation	Typical Source
Copper (ppm)	1.3	1.3	0.3	12/31/2021	No	Erosion of natural deposits; leaching Corrosion of household plumbing system From wood preservatives
Lead (ppb)	0	15	0.001	12/31/2021	NO	Corrosion of household plumbing system Erosion of natural deposits

Microbiological Contaminants						
# Total Coliform	0	>1	0	2021	No	Naturally present in the environment

TTHM (ppb) (Total Trihalomethanes)	0	100	7.42	11/3/2020	No	By Product of drinking water chlorination
HAA5 (ppb)	0	100	3	11/3/2020	No	By Product of drinking water chlorination
Chlorine	MRDL=4	RRA	0.40 mg/l	2021	No	Additive to control microbes

Unregulated Contaminate						
Sodium	250,000	N/A	43,000	2019	No	Road salt, water treatment chemical, water softener, sewage effluents

MRDL Range Field 0.40 to 0.40 mg/l RAA 0.40 mg/l

Units Description:

ppm: parts per million or milligrams per liter (mg/l)

ppb: parts per billion or micrograms per liter (ug/l)

pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

Education Information (No Violation):

Lead- Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your homes plumbing. If you are concerned about elevated lead levels in your home's water you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the *Safe Drinking Water Hotline (1-800-426-4791)*

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 the materials and components associated with service lines and home plumbing. ABC Water Association 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.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

A level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

During the past year we were required to conduct 0 Level 1 assessment(s). 0 Level 1 assessments were completed. In addition, we were required to take 0 corrective actions and we completed 0 of these actions.

**PROOF OF PUBLICATION
OF NOTICE**

**State of Mississippi
Yalobusha County**

Before me, BETTY K. SHEARER, Notary Public of said County, this day came David Howell, who stated on oath that he is the Editor and Publisher of the North Mississippi Herald, a public newspaper publishing and having a general circulation in the City of Water Valley, said County and State, and made oath further that advertisement, of which a copy as printed is annexed, was published in said newspaper for 1 consecutive weeks in its issues numbered and dated as follows, to-wit:

Vol. 34 No. 11 Dated the 2 of June 2022
 Vol. _____ No. _____ Dated the _____ of _____ 20____
 Vol. _____ No. _____ Dated the _____ of _____ 20____
 Vol. _____ No. _____ Dated the _____ of _____ 20____
 Vol. _____ No. _____ Dated the _____ of _____ 20____

Affiant further states that he has examined the foregoing 1 issues of said newspaper, that the attached Notice appeared in each of said 1 as aforesaid of said newspaper.

David Howell
 Editor and Publisher
 North Mississippi Herald

Sworn to and subscribed before me,
 this 2 day of June 2022
 Water Valley, Yalobusha County, Mississippi

Betty Shearer
 NOTARY PUBLIC
 ID # 18982
 BETTY SHEARER
 Commission Expires
 May 30, 2023
 YALOBUSHA COUNTY

TRI-LAKE RURAL WATER ASSOCIATION

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AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements for the water system.
MRDL: Maximum residual disinfectant level. Highest disinfectant allowed in drinking water.
RRA: Running annual average.

PWS 0810012: This well is rated (2) Moderate

Contaminants (Units)	MCLG	MCL	Your Water	Sample Date	Violation	
Inorganic Contaminants						
Barium	2	2	0.0127	6/20/2019	No	Discharge of drilling fluid from well

RETURN THIS STUB WITH PAYMENT TO:
TRI-LAKE RURAL WATER ASSOC.
C/O DONALD R. MORRIS
5789 COUNTY ROAD 118
WATER VALLEY, MS 38965
662-473-4162 / 662-473-6505

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PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2022	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
16.10	1.61	17.71

CCR IN N.MS HERALD 6/1/22
PSTD AT CRT HOUSE & LIBRARY

RETURN SERVICE RE *mechanics Bank*

010370200 *010370200*
JOE POMERLEE
304 CR 115

JUN 01 2022

Water Valley, MS

WATER VALLEY MS 38965-



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