## **2021 CERTIFICATION**

Consumer Confidence Report (CCR)

# New Liberty Water Assuc. PRINT Public Water System Name

0070012

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

CCR DISTRIBUTION (Check all boxes that app	ly)
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
Advertisement in local paper (Attach copy of advertisement)	1-22-22
□ On water bill (Attach copy of bill)	0
□ Email message (Email the message to the address below)	
□ Other (Describe:	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service	
□ Distributed via E-mail as a URL  (Provide direct URL):	
□ Distributed via Email as an attachment	
□ Distributed via Email as text within the body of email message	
✓ Published in local newspaper (attach copy of published CCR or proof of publication)	(0.22-25
Posted in public places (attach list of locations or list here) Court house Calhour	(0.52-55
□ Posted online at the following address (Provide direct URL):	
CERTIFICATION  I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distribute the appropriate distribution method(s) based on population served. Furthermore, I certify that the is correct and consistent with the water quality monitoring data for sampling performed and fulfit of Federal Regulations (CFR) Title 49, Part 141.151 – 155.  Name  Title	ne information contained in the report
SUBMISSION OPTIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Certification, and associated p the MSDH, Bureau of Public Water Supply.	roof of delivery method(s) to
Mail: (U.S. Postal Service) Email: water.reports@	msdh.ms.gov
MSDH, Bureau of Public Water Supply P.O. Box 1700	787
Indiana MO 00047	Y
Jackson, MS 39215 Alddis HR IWA-40	St.

#### 2021 Annual Drinking Water Quality Report New Liberty Water Association PWS#: 0070012 May 2022



We're pleased to present to you this year's Annual Quality Water 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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Gordo Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify 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 New Liberty Water Association have received lower rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Charles Dee Mahan at 662.983.0931. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meeting, held on the third Thursday of the month at 6:00 PM at the Old New Liberty School House.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses 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:

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

Maximum Contaminant Level (MCL) - 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 (MCLG) - 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.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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.

				TEST RESU	JLTS						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely S	y Source of Contamination		
Microbiolo	gical C	ontamir	nants								
1. Total Coliform Bacteria including E. Coli	Y	June	Monitoring	0	NA	0	presence of coliform bacteria in 5% of monthly samples		Naturally present in the environment E Coli comes from human and animal fecal waste		
Inorganic (	Contam	inants									
8. Arsenic	N	2020*	2.5	2.4 – 2.5	ppb	n/a	10	Erosion of natural deposits; from orchards; runoff from gand electronics production v			

10. Barium	N	2020*	.0331	.03290331	pp	om	2		Discharge of drilling wastes;     discharge from metal refineries;     erosion of natural deposits
13. Chromium	N	2020*	1.3	1.2 – 1.3	PP	ob	100	10	
14. Copper	N	2018/20	* .3	0	pp	om	1.3	AL=1.	3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2020*	.491	.489491	pp	om	4		4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20	* 3	0	PP	ob	0	AL=1	5 Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2020*	5.5	5.2 – 5.5	pp	ob	50	5	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Sodium	N	2021	127	Ch		0 Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.			
22. Thallium	N	2020*	.5		рр	bb	0.5		Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
Disinfection	on By	-Produc	cts						
81. HAA5	N	2021	5.17	No Range	ppb	0			By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	1.97	No Range	ppb	0			By-product of drinking water chlorination.
Chlorine	N	2021	,7	.49			Water additive used to control microbes		

<sup>\*</sup> Most recent sample. No sample required for 2021.

Microbiological Contaminants:

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During June 2021, we did not complete all monitoring or testing for bacteriological and Chlorine contaminants and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 1 samples and took none. We have since taken the required sample that showed we are meeting drinking water standards.

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. Our water system 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. 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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The New Liberty Water Association works around the clock to provide top quality water to every tap. 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.

<sup>(1)</sup> Total Coliform/E Coli. 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. Disinfection By-Products:

### **Proof Of Publication**

#### STATE OF MISSISSIPPI, COUNTY OF CALHOUN

Personally came before me, the undersigned, a Notary Public, in and for Calhoun County, Mississippi, Joel McNeece, Publisher of The Calhoun County Journal, a newspaper published in Bruce, Calhoun County, in said state, who being duly sworn, deposes and says that The Calhoun County Journal is a newspaper as defined and prescribed in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1858 of the Mississippi Code of 1942, and the publication of a notice, of which annexed copy, in the matter of

## NEW LIBERTY WATER ASSOCIATION WATER QUALITY REPORT

has been made in said newspaper one time, towit:

On the 22 day of JUNE 2022

Joel McNeece Publisher

Sworn to and subscribed before me, this 22 day of June, 2022.

Celia D. Hillhouse, Notary Public

My commission expires February 18, 2023

**SEAL** 



2021 Annual Orthlong Water Quality Report New Liberty Water Association PWS#: 007/0012 May 2022

White pleased to present to you this year's Annual Quality Water Report. This report is designed to follow, you about the coulding water and services we deliver to you every sky. Due constance good to be provided by an wife a set of and dependent purply of reforming maker. We went to understand the efforts we make the confusional response for the season frequency occases and provided our water resources. We are committed to providing you wish. Information because a beforeign during the size of the season frequency occases and provided our water resources. We are committed to providing you wish informational becauses a beforeign during white in your best affected. Our water scores is followed to form white frequency from the Section Section

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81. HAAS	24	2021	5.17	No Range	990		0		60	By-Product of drinking scalar disinfection		
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\* Mint recent sample. No sample required for 2021,

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protect our water sources, which are the heart of our community, our may of the unit our children's future.