2021 CERTIFICATION

Consumer Confidence Report (CCR)

PRINT Public Water System Name

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

CCR DISTRIBUTION (C)	neck all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication		DATE ISSUED
□ Advertisement in local paper (Attach copy of advertisement)	·	
☑On water bill (Attach copy of bill)		
□ Email message (Email the message to the address below)		ş.
□ Other (Describe:	, 1	
)	
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I hereby certify that the Consumer Confidence Report (CCR) has be the appropriate distribution method(s) based on population served is correct and consistent with the water quality monitoring data for of Federal Regulations (CFR) Title 40, Part 141.151 – 155. Name	peen prepared and distributed to its customers Furthermore, I certify that the information con	tained in the report ements of the Code
SUBMISSION OPTIONS	(Select one method ONLY)	
You must email or mail a copy of the CCR, Certifica the MSDH, Bureau of	ation, and associated proof of deliver	y method(s) to
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply	Email: water.reports@msdh.ms.gov	

P.O. Box 1700 Jackson, MS 39215

2021 Annual Drinking Water Quality Report City of Gautier PWS#: 0300004 May 2022

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2022 MAY 24 AM 8: 46

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 ensuring the quality of your water.

If you have any questions about this report or concerning your water utility, please contact Ramona Morgan at 228.497.4283. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the regular meetings held on the first & third Tuesday of each month at 6:30 PM at the City Hall located at 3330 HWY 90, Gautier, MS 39553.

Our water source is from wells drawing from the Lower Graham Ferry 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 well for the our system have received lower to moderate susceptibility ranking to contamination.

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 we 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.

Level 1 Assessment: 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.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

Microbiol	ogica	ıl Contai	minant	S						
Total Coliform Bacteria	N	August	Positive	1	NA	0	bacte	e of coliform eria in 5% of hly samples	Naturally present in the environment	
Inorganic	Cont	aminan	ts							
8. Arsenic	N	2019*	.8	.78	ppb	n/a		orchards; rui	atural deposits; runoff from noff from glass and roduction wastes	
10. Barium	N	2019*	.0095	.00220095	Ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits		
13. Chromium	N	2019*	2.4	1.3 – 2.4	ppb	100			om steel and pulp mills; atural deposits	
14. Copper	N	2019/21	.2	0	ppm	1.3		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives		
16. Fluoride	N	2019*	.813	.302813	ppm	4		Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories		
17. Lead	N	2019/21	3	0	ppb	0			household plumbing sion of natural deposits	
Sodium	N	2021	228	162 - 228	ppm	20			later Treatment Chemical ners and Sewage Effluents	
Volatile On 56. Carbon tetrachloride	rgani	c Contar	ninants	No Range	ppb	0	5		from chemical plants and strial activities	
Disinfecti	on By	y-Produ	cts							
81. HAA5	N	2021	37	No Range	ppb	0	60	By-Product of drinking water disinfection.		
82. TTHM [Total trihalomethanes]	N	2021	16.8	No Range	ppb	0	80	By-product of drinking water chlorination.		
Chlorine	N	2021	.9	0 – 3.4	mg/l	0	MDRL = 4	Water add	litive used to control	

^{*} Most recent sample. No sample required for 2021.

Microbiological Contaminants:

During August 2021 we had one sample that tested positive for total coliform. The resamples were clear. During the past year we were required to conduct and completed 1 (one) Level 1 assessment. In addition, we were required to take and completed 4 (four) corrective action.

We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels. During August 2021, we collected two sample that tested positive for Total Coliform. The resamples were clear and showed that we are meeting drinking water standards.

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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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,

⁽¹⁾ 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 coliform indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessments (s) to identify problems and to correct any problems that were found during these assessments.

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.

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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 1.800.426.4791.

The City of Gautier 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.

Mississippi Rural Water Association

Mississippi Rural Water Assn. 5400 N Midway Road Raymond, MS 39154 Phone: 1.800.343.2520 Fax: 601.857.2434 E-mail: msrwa@msrwa.org



Invoice

10 x 10 5

Invoice #: 22215

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Quantity		Description	Unit Price	Total
1		2021 CCR Processing Fee—Non Member Rate	\$ 250.00	\$ 250.00
	+			
	+			
			Subtotal	\$ 250.00

Late Fee

Balance Due \$ 250.00

Please return yellow copy with payment.