

2023 JUN 19 AM 10:30

Certification

<p><u>Water systems serving 10,000 or more must use:</u> Distribution Method I</p> <p><u>Water systems serving 500 - 9,999 must use:</u> Distribution Method I OR Distribution Method II, III, and IV</p> <p><u>Water system serving less than 500 people must use:</u> Distribution Method I OR Distribution Method II, III, and IV OR Distribution Method III and IV</p>			OFFICE USE ONLY		
Public Water Supply name(s):		7-digit Public Water Supply ID #(s):			
Town of Mantachie		029005			
Distribution (Methods used to distribute CCR to our customers)					
<input type="checkbox"/> I. CCR directly delivered using one or more method below:					
<input checked="" type="checkbox"/> *Provided direct Web address to customer <input type="checkbox"/> Hand delivered <input type="checkbox"/> Mail paper copy <input type="checkbox"/> Email		*Add direct Web address (URL) here: http://mantachie.hawambams.com/pry-utilities/ Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf . call (000) 000-0000 for paper copy".			
<input type="checkbox"/> II. Published the complete CCR in the local newspaper.		Date(s) published:			
<input checked="" type="checkbox"/> III. Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).		Date(s) notified:			
		unmailed out on 5/19/2023			
		Location distributed:			
		water bills			
<input checked="" type="checkbox"/> IV. Post the complete CCR continuously at the local water office. <input checked="" type="checkbox"/> "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)		Date: 5-9-2023			
		Locations posted:			
		Town Hall & Facebook (6-15-23)			
Certification					
This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule.					
Name:		Title:	Date:		
[Signature]		Operator	10-16-2023		
Submittal					
Email the following required items to water.reports@msdh.ms.gov regardless of distribution methods used.					
1. CCR (Water Quality Report) 2. Certification 3. Proof of delivery method(s)					

2022 Annual Drinking Water Quality Report
Town of Mantachie
PWS#: 0290005
May 2023

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.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Rodney McFerrin at 662.282.7949. 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 second Tuesday of each month at 6:00 PM at the Mantachie Town Hall.

Source of Water

In order to better serve our customers with a better water supply the Town of Mantachie began purchasing our water from the Northeast MS Regional Water Supply, which has greatly improved our water system. 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 well for the Town of Mantachie has received a lower susceptibility ranking to contamination.

Period Covered by Report

We routinely monitor for contaminants in your drinking water according to federal and state laws. This report is based on results of our monitoring period of January 1st to December 31st, 2022. In cases where monitoring wasn't required in 2022, the table reflects the most recent testing done in accordance with the laws, rules, and regulations.

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.

Terms and Abbreviations

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

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that 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 billion (ppb) or micrograms per liter: one part by weight of analyte to 1 billion parts by weight of the water sample.

Parts per million (ppm) or Milligrams per liter (mg/l): one part by weight of analyte to 1 million parts by weight of the water sample.

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

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
Inorganic Contaminants								
10. Barium	N	2022	.0195	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	1/6-2022 7/12-2022	.3 0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.853	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	1/6-2022 7/12-2022	2 1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2022	5.55	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2022	33	10.6 - 42.5	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2022	40	21.7 - 43.2	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2022	1.4	1 - 1.8	ppm	0	MRDL = 4	Water additive used to control microbes
Total Organic Carbon (TOC)	N	Sampled Monthly	1.1 Removal Ratio (>1.0 is Required)	1.1 - 1.2	ppm	NA	TT	Naturally present in the environment

* Most recent sample. No sample required for 2022.

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. 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.

LEAD INFORMATION

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.

FLUORIDE INFORMATION

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 83%. The number of months samples were collected and analyzed in the previous calendar year was 12.

VIOLATIONS

As you can see by the table, our system had no violations. 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.

UNREGULATED CONTAMINANTS

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.

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 1.800.426.4791.

A copy of this report will be available at the Mantachie Town Hall and on the Town of Mantachie web page.

The Town of Mantachie 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.

Deliver payment to:

Mantachie Water Assoc.
3256 Hwy 371 N
P.O.Box 70
Mantachie, MS 38855
662-282-7949 OR 662-282-7936

FIRST-CLASS MAIL
PRESORTED
US POSTAGE PAID
ZIP CODE 38855
PERMIT # 003

	Previous Balance:	18.86
WA02A CUST B. USED 2400		20.27
PRES 244700		
GREATER MANTACHIE FIRE DEPT.		1.00

Return this portion with payment.
Billed: 06/01/23

YOU OWE 40.13 by 06/10/23
After 06/10/23 pay 43.78

YOU OWE 40.13 by 06/10/23

After 06/10/23 pay 43.78

Acct# 0500760

Last Pmt \$25.00 04/20/23

SVC:04/24/23-05/24/23 (30 days) Acct# 0500760
131 WARREN CHAPEL RD

You may view the CCR 2022 Water Report at
<http://mantachie.itawambams.com/pay-utilities/>

MANTACHIE MS 38855

- water bills - message printed on June
water bills



Pay Utilities

Pay Utilities

CCR Water Report 2022



NOW AVAILABLE—PAY ONLINE!

We have partnered with Nexbillpay to extend an additional option for customers interested in trusted third party automated payment service that allows you to pay your bill online. Please

- **What is the service fee?**

Nexbillpay charges a small service fee to cover payment handling and all processing charges. payment.

- **Does Town of Mantachie keep any part of the service fee?**

Town of Mantachie does not keep any part of the Nexbillnav service fee. Nexbillnav is a separ

* Town of Mantachie website link



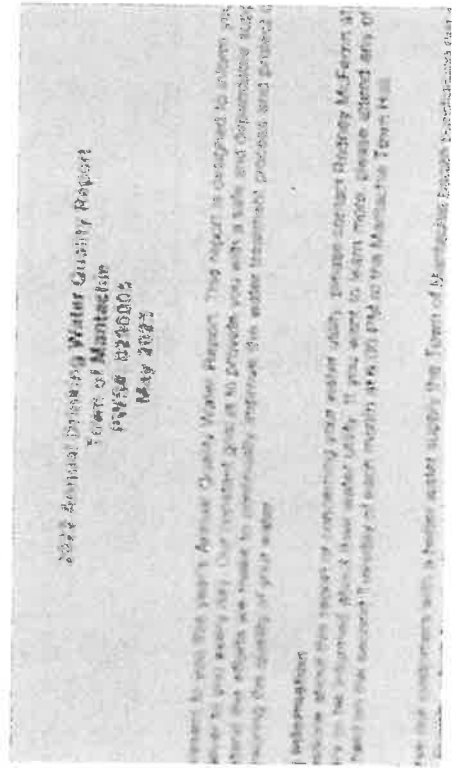
Town of Mantachie



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CCR Water Report 2022 is available for viewing at Town Hall or Online at the following URL
<http://mantachie.itawambams.com/pay-utilities/>

Town of Mantachie Facebook Page



Contaminant Name	Unit	Value	Met
Inorganic Contaminants			
Aluminum	mg/L	0.05	✓
Calcium	mg/L	150	✓
Chloride	mg/L	150	✓
Copper	mg/L	0.01	✓
Iron	mg/L	0.3	✓
Magnesium	mg/L	100	✓
Manganese	mg/L	0.02	✓
Nitrate	mg/L	10	✓
Nitrite	mg/L	0.01	✓
Sulfate	mg/L	100	✓
Zinc	mg/L	0.01	✓
Unregulated Contaminants			
Asbestos	mg/L	0.01	✓
Barium	mg/L	100	✓
Beryllium	mg/L	0.01	✓
Cadmium	mg/L	0.01	✓
Chromium	mg/L	0.1	✓
Cobalt	mg/L	0.01	✓
Copper	mg/L	0.01	✓
Lead	mg/L	0.01	✓
Manganese	mg/L	0.01	✓
Mercury	mg/L	0.01	✓
Molybdenum	mg/L	0.01	✓
Nickel	mg/L	0.01	✓
Selenium	mg/L	0.01	✓
Silver	mg/L	0.01	✓
Sulfate	mg/L	100	✓
Vanadium	mg/L	0.01	✓
Zinc	mg/L	0.01	✓

...not greatly improved our water system. The source water treatment has reduced the overall susceptibility of its drinking water supply to density, chlorine and other for drinking water request. The goal for the Town of Manchester has remained a lower

Report

for contaminants in your drinking water according to federal and state laws. This report is January 14 to December 31, 2022. In cases where monitoring wasn't required in 2022, but in accordance with the new rules and regulations.

In the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, man-made substances from the presence of animals or from human activity. Contaminants may come from sewage treatment plants, septic systems, agricultural fertilizers, pesticides, herbicides, and other chemicals. Another common source is urban storm water runoff and residential uses. Organic chemicals are found in many products, including household cleaning products, pesticides, and other chemicals. In order to ensure that tap water is safe to drink, EPA prescribes regulations for what small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate a health risk.

Notes

and unfamiliar terms and abbreviations you might find the following list. To help you understand the information on this report, we've included a glossary of terms and abbreviations.

...concentration of a contaminant which is exceeded triggers treatment or other requirements. The Maximum Allowable Groundwater Concentration (MAGC) is the highest level of a contaminant in a well to the MCLG as feasible using the best available treatment technology.

Disinfection By-Products

By-Product	Unit	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total THM5	mg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Total Haloacetic Acids (HAA5)	mg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Total Halomethanes (THM)	mg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15

...of lead and copper levels. Lead and copper levels are regulated by the Safe Drinking Water Act. Lead and copper levels are regulated by the Safe Drinking Water Act. Lead and copper levels are regulated by the Safe Drinking Water Act. Lead and copper levels are regulated by the Safe Drinking Water Act.

LEAD

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TRITANIUM

...of tritium levels. Tritium levels are regulated by the Safe Drinking Water Act. Tritium levels are regulated by the Safe Drinking Water Act. Tritium levels are regulated by the Safe Drinking Water Act. Tritium levels are regulated by the Safe Drinking Water Act.