

2021 CERTIFICATION

Consumer Confidence Report (CCR)

RECEIVED
MSDH-WATER SUPPLY
2022 MAY 31 AM 9:00

Mantachie Water Association - Town of Mantachie
PRINT Public Water System Name

0290005

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)	5/27/2022
<input type="checkbox"/> Email message (Email the message to the address below)	
<input checked="" type="checkbox"/> Other (Describe: <u>Town Facebook page - posted direct URL for viewing and photos of the report</u>)	5/27/2022
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 type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	
<input checked="" type="checkbox"/> Posted in public places (attach list of locations or list here) <u>Town Hall</u>	5/27/2022
<input checked="" type="checkbox"/> Posted online at the following address (Provide direct URL): <u>http://mantachie.tlawa.com/pw-utilities/</u>	5/27/2022

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.

Reddy McLean
Name

Operator
Title

5-27-2022
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

2021 Annual Drinking Water Quality Report
 Town of Mantachie
 PWS#: 0290005
 May 2022

RECEIVED
 MSDH-WATER SUPPLY
 2022 MAY 16 AM 9:00

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 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.

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 wells for the Town of Mantachie have received lower to moderate susceptibility rankings 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 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.

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 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
Microbiological Contaminants - NE MS Regional								
Total Organic Carbon (TOC)	N	Sampled Monthly	1.3 (Ave.)	0.8 - 2.9		NA	TT	Naturally present in the environment
Inorganic Contaminants								

8. Arsenic	N	2021	.5	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2021	.0156	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	9500	No Range	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Disinfection By-Products

81. HAA5	N	2021	28	13.5 - 41	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	43	19 - 49.6	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.4	.9 - 1.8	ppm	0	MRDL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2021.

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.

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.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the NE MS Regional Water 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 92%.

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.

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

Return this portion with payment.
 Billed: 06/01

Previous Balance:	0.00
WATER (RES) USED 0	19.06
PREV 100 PRES 100	
SEWER (RES) TOWN	13.00
GARBAGE BILL	13.00

45.06 PAID BY DIRECT DEBIT

45.06 PAID BY DIRECT DEBIT

Acct# 0305300
 3256 HWY 371

Last Pmt \$45.06 05/10 MANTACHIE TOWN HALL
 Svc:04/25-05/25 (30 days) Acct# 0305300
 3256 HWY 371

MANTACHIE TOWN HALL
 P.O. BOX 70
 MANTACHIE MS 38855

You may view the CCR 2021 Water Report at
<http://mantachie.itawambams.com/pay-utilities/>



Town of Mantachie

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CCR Water Report 2021 is available
 for viewing online at the following
 URL.

[http://mantachie.itawambams.com
 /pay-utilities/](http://mantachie.itawambams.com/pay-utilities/)

2021 Annual Drinking Water Quality Report
 Town of Mantachie
 #PWSID: 03053000
 May 2022

Present to you this year's Annual Quality Water Report. This report is developed to inform you about what is going on with your water utility. Our mission is to provide you with a safe and drinkable supply of water. We want the effects we make to contribute to improve the water treatment process and protect our water quality for the benefit of our water.

Before using this report or contacting your water utility, please contact the City of Mantachie at 662-282-7949 to be informed about the water utility. If you wish to learn more, please contact any of our staff on the second Tuesday of each month at 9:00 AM at the Mantachie Town Hall.

For our customers with a water meter, the Town of Mantachie began monitoring our water quality, which has greatly improved our water system. This routine water assessment has been used to determine the overall effectiveness of its drinking water facility to identify potential sources of elevated information on how the water quality assessment were made has been conducted to allow for viewing upon request. The tests for the Town of Mantachie have received lower to higher.

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Year	Sample	No Range	ppm	mg	LD	Excess of from state and federal
2021	0156	No Range	ppm	2	0	Discharge discharge product of Conductivity systems, I discharge, I preserved
2018/20	1	0	ppm	1.3	AL+1.3	Conductivity systems, I discharge, I preserved
2016/20	0	0	ppm	0	AL+10	Conductivity systems, I discharge, I preserved
2019	800	No Range	PPM	0	0	Road Test Chemical Sewage I

Products

Year	Sample	ppm	mg	LD	Excess of from state and federal	
2021	28	15.5 - 41	ppm	0	60	By-Product of disinfection
2021	43	18 - 48.6	ppm	0	80	By-Product of disinfection
2021	14	9 - 1.8	ppm	0	MRL = 4	Water added municipal

Sample required for 2021
 Our monitoring and testing that some contaminants have been detected however at these levels

Sent from Yahoo Mail on Android

Town of Mantachie Facebook Page



Sent from Yahoo Mail on Android

<http://mantachie.townofmantachie.com/pay-utilities/>

Town of Mantachie webpage