2021 CERTIFICATION

Consumer Confidence Report (CCR) MSDH-WATER

Macedonia Water Association JUN-6 AM 8:56
PRINT Public Water System Name

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

0070008-02	
CCR DISTRIBUTION (Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
Advertisement in local paper (Attach copy of advertisement)	May 11,2022
On water bill (Attach copy of bill)	10
□ 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)	5-11,2022
Posted in public places (attach list of locations or list here)	5-30,2022
□ Posted online at the following address (Provide direct URL):	
I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its custor the appropriate distribution method(s) based on population served. Furthermore, I certify that the information is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR report of Federal Regulations (CFR) Title 40, Part 141.151 – 155. Shame President Title	n contained in the report
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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 RECEIVED

Macedonia Water Association MSDH-WATER SUPPLY PWS#: 0070008

April 2022

2022 APR 27 AM 9: 57

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.

If you have any questions about this report or concerning your water utility, please contact Edwin L. Parker at 662.412.2435. 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 meetings. They are held on the third Tuesday of the month at 7:00 PM at the Macedonia Well Building.

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 Macedonia Water Association have received lower rankings in terms of susceptibility 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.

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 Source of Contamination
Inorganic	Contam	inants						
8. Arsenic	N	2020*	2.6	No Range	ppb	n/a	10	Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste
						2		Discharge of drilling wastes;

13. Chromium	N	2020*	1.2	1 – 1.2	þi	pb	100	100	mills; erosion of natural deposits
14. Copper	N	2018/20*	1	0	þ	pm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	2021	47.7	No Range	pr	ob	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
16. Fluoride	N	2020*	.499	.496499	bt	om	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	1	0	pp	ob	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2021	.257	.253257	P	om	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
21. Selenium	N	2020*	5.8	.5558	pr	ob	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Sodium	N	2021*	187	185 - 187	PF	om	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	n By-l	Products	3						
81. HAA5	N	2019*	8	No Range	ppb	0			By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018*	1.27	No Range	ppb	0			By-product of drinking water chlorination.
Chlorine	N	2021	.6	.5 – .8	mg/l	0	MR		Water additive used to control

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

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.

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.

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 Macedonia 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.

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

MACEDONIA WATER ASSOCIATION WATER QUALITY REPORT

has been made in said newspaper one time, towit:

On the 11 day of MAY 2022

Joel McNeece Publisher

Sworn to and subscribed before me, this 11 day of May, 2022.

Morleece

Celia D. Hillhouse, Notary Public

My commission expires February 18, 2023

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2021 Annual Drinking Water Quality Repo Macedonia Water Association PWS# 0070008 Annu 2022

We've prisoned to prisoned to you thus years. Annual Coulty Water Report. This report is designed to inform you about the quality water are serviced we delived to you every facy One consistent goal in a privately you with a said and dependable accept of deriving souter. We want you in understand the efforts we make to constructly emone the water treatment process and practic or winder remotest. We are committed to provide give we're referred to the construction of the water treatment process and practic or winder remotest. We are committed to

If you have any quasitons about the report or concerning your water salety, please contact Edwis L. Parker at 682.412.3435. We want to write all customers to be informed about their water salety if you want to learn more, please join us at any of our regularly achieved meetings. They are held to the held "Linder of the sent of a 70.00 fet in the second lines of the sent of the high discovery of the hi

Our water source is from wells disprove from the Contra Applie. The cours radio assessment has been completed for on public radio system to determine the overall successority of all denterors the years supplied to describe the overall successority of all denterors years supplied to the public regions of the public value of the open contrary dense where the public value years a public value years and a contrary dense years and the public value public value years and a contrary dense years and the public value years and the contrary to the public value years and the contrary to the public value years and the public value years are public value. The public value years are public value and the public value years are public value.

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				1. 0	T	100	100	Discharge from steet and pulp
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14. Сторог	N	2018/20	.1	0	Dina	13	EleJA	systems, erosion of netural deposits, leading from wood preservotives
15 Cyande	H	2021	47.7	No Rarge	ppb	200	200	Oischarge from steel/metal factories, discharge from plastic and fertilizer factories
16 Fluonde	н	2020	498	495 - 499	ppm	•	•	Emission of natural deposits, with addition which promotes strong track, decharge from locitions as aluminum factories.
17. Laad	N	2018/20*	1	0	ppto		AL=18	Correction of household planning systems, arealon of natural deposits
20, Nerto (es Neregen)	й	2021	257	253 - 257	Ebu	1		Ranolf from ferbinel use, spacho from sapho lanks, spacego, erosi of natural deposits
21 Selentum	M	2020*	58	.5550	blap	50	50	Discharge from patrolsum and metal refination, accessor of natural describs, discharge from mines
Socies	N	2021*	187	145 - 167	blase	20	0	Road Set, Water Treatment Chemicals, Water Sollenors and Seways Effluents
Disinfection	Bv-P	roducts		2.4			10	
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The Macodonia Walter Association works amount the clock to provide top quality water to every tap. We ask that eff our calebonens halp us protect our water sources, which are the haint of our community, our way of life and our children's fature.

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Payment Office -Chandler Drugs 131 Public Square P.D. Box A Calhorn City, MS 38916