

2021 CERTIFICATION

2022 JUN 25 AM 10:15

Consumer Confidence Report (CCR)Alcorn County Water Assn. Inc.

PRINT Public Water System Name

020006

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)	6/16/22
<input type="checkbox"/> On water bill (Attach copy of bill)	
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other (Describe: _____)	
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 type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
<input type="checkbox"/> Posted online at the following address (Provide direct URL): _____	

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.

Name _____

Title _____

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)**Email:** water.reports@msdh.ms.gov

MSDH, Bureau of Public Water Supply

P.O. Box 1700

Jackson, MS 39215

Quality on Tap Report
ALCORN COUNTY WATER ASSOCIATION, INC. PWS ID 020006
June 2022

We're pleased to present to you this year's Annual Water Quality 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. Our water source is *three wells pumping from the Paleozoic aquifer and one from the Gordo formation.*

This consumer confidence report will not be mailed to our customers, but copies are available at our office at 116 S. Cass Street.

We are pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Brady Smith at 116 S. Cass Street or call 662-286-6689. We want our valued customers to be informed about their water quality. If you want to learn more, please attend any of our regularly scheduled meetings. They are held at our office on the second Tuesday of each month at 5:00 P.M.

Alcorn County Water Association, Inc. routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2021. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose 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.

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

Maximum Contaminant Level - 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 - 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.

MRDL: Maximum residual disinfectant level - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MC LG	MCL	Likely Source of Contamination
Microbiological Contaminants								
						0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Unregulated Contaminants								
Sodium	N	2021	10.2	No range	ppm	20	20	Road salt, water treatment chemicals, water softeners, sewage effluents
Disinfectants & Disinfection By-products								
Chlorine	N	2021	1.10	.80—1.50	ppm	4.0	4	Water additive used to Control Microbes
Inorganic Contaminants								
10. Barium	N	2020	0.21	No range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
12. Cadmium	N	2020	.0005	No range	ppm	.005	.005	Corrosion of galvanized pipe; erosion of natural deposits; discharge from metal refineries; run-off from waste batteries and paints
13. Chromium	N	2020	.0013	No range	ppm	0.1	0.1	Discharge from steel & pulp mills; erosion of natural deposits
14. Copper	N	2019-2021	0.1	0	Ppm	1	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Nitrate	N	2021	< .08	0	Ppm	10	10	Natural and man-made deposits
16. Nitrite	N	2021	< .02	0	Ppm	1	1	
17. Nitrate-Nitrite	N	2021	< .1	0	Ppm	10	10	
18. Fluoride	N	2020	0.103	0	Ppm	4	4	Erosion of natural deposits; additive which promotes strong teeth; discharge from fertilizer & aluminum factories
19. Lead	N	2019-2021	.001	0	ppb	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposits
20. Selenium	N	2020	.0005	0	Ppm	.002	.0002	Discharge from petroleum & metal refineries; erosion of natural deposits
Volatile Organic Contaminants								
73. THM	N	2021	1		Ppb	0		By-product of drinking water chlorination
74. HAA5	N	2021	1		Ppb			By-product of drinking water chlorination

***** Additional information for Lead*****

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. Alcorn County Water Association 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 for \$20 per sample. 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. Immunocompromised 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 (800-426-4791).

Your CCR will not be mailed to you; however, you may obtain a copy from the water office. Please call 662-286-6689 if you have any questions.

AFFP

4x10.5 Water Report..

Affidavit of Publication

STATE OF MS } SS
COUNTY OF ALCORN }

Reece Terry, being duly sworn, says:

That he is Publisher of the The Daily Corinthian, a daily newspaper of general circulation, printed and published in Corinth, Alcorn County, MS; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

June 16, 2022

Publisher's Fee: \$ 355.80

That said newspaper was regularly issued and circulated on those dates.

SIGNED:



Subscribed to and sworn to me this 16th day of June 2022.



Teresa Smith, Notary Public 06/20/2022

00013418 70392465



Alcorn County Water Association (DC)
P.O. Box 1388
CORINTH, MS 38835

ALCORN COUNTY WATER ASSOCIATION, INC. PWS ID 020066

June 2022

We're pleased to present to you this year's Annual Water Quality 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. Our water source is three wells pumping from the Paleozoic aquifer and one from the Gorda formation.

This consumer confidence report will not be mailed to our customers, but copies are available at our office at 116 S. Cars Street.

We are pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Brady Smith at 116 S. Cars Street or call 662-286-6689. We want our valued customers to be informed about their water quality. If you want to learn more, please attend any of our regularly scheduled meetings. They are held at our office on the second Tuesday of each month at 5:00 P.M.

Alcorn County Water Association, Inc. routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2021. As water travels over

the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose 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.

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

Maximum Contaminant Level - 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 - 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.

MRDL: Maximum residual disinfectant level - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

TEST RESULTS

Contaminant	Violation MW	Date Collected	Level Detected	Range of Results or # of Samples Exceeding MCL/AL	Unit Measurement	MCL LG	MCL	Likely Source of Contamination
Microbiological Contaminants								
						0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Unregulated Contaminants								
Sodium	N	2021	10.2	No range	ppm	20	20	Hard salt water treatment chemicals, water softeners, sea salt elements
Disinfectants & Disinfection By-products								
Chlorine	N	2021	1.10	ED=1.50	ppm	4.0	4	Water additive used to Control Microbes
Inorganic Contaminants								
10. Bismuth	N	2020	0.21	No range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
12. Cadmium	N	2020	.0005	No range	ppm	.002	.005	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; run-off from waste batteries and paints
13. Chromium	N	2020	.001	No range	ppm	0.1	0.1	Discharge from steel & pulp mills; erosion of natural deposits
14. Copper	N	2019-2021	0.1	0	Ppm	1	AL=1	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Nitrate	N	2021	<.03	0	Ppm	10	10	Natural and man-made deposits
16. Nitrite	N	2021	<.02	0	Ppm	1	1	
17. Nitrate-Nitrite	N	2021	<.1	0	Ppm	10	10	
18. Fluoride	N	2020	0.02	0	Ppm	4	4	Erosion of natural deposits; acids which promote strong tooth; elute from fertilizer & aluminum flint
19. Lead	N	2019-2021	.001	0	Ppb	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposits
20. Selenium	N	2020	.0005	0	Ppm	.002	.002	Discharge from petroleum & metal refineries; erosion of natural deposits
Volatile Organic Contaminants								
73. TTHM	N	2021	1		Ppb	0		By-product of drinking water chlorination
74. HAA5	N	2021	1		Ppb			By-product of drinking water chlorination

*** Additional Information for Lead***

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. Alcorn County Water Association 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 for \$20 per sample. 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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Your CCR will not be mailed to you; however, you may obtain a copy from the water office. Please call 662-286-6689 if you have any questions.