Quality on Tap Report
ALCORN COUNTY WATER ASSOCIATION, INC. PWS ID 0020001
June 2024

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 ***two wells pumping from the Paleozoic aquifer.***

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, 2023. 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 YIN	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCUACL	Unit Measure-ment	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	19.6	No range	ppm	20	20	Road salt, water treatment chemicals, water softeners, sewage effluents
Disinfectants & Disinfection By-products								
Chlorine	N	2023	1.0	.90---1.10	ppm	4.0	4	Water additive used to Control Microbes
Inorganic Contaminants								
9. Arsenic	N	2020	.0008		ppm	.010	.010	Erosion of natural deposits; runoff from orchards, grass, and electronics production waste
ontammants								
10. Barium	N	2022	0.25	No range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2022	.0005	No range	ppm	.1	.1	Discharge from steel & pulp mills : erosion of natural deposits
15. Nitrite	N	2023	< .02	0	Ppm	1	1	Natural and man-made deposits
16.Nitrate-Nitrite	N	2023	< . 1	0	Ppm	10	10	
17 . Copper	N	2022	0.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposit leaching from wood preservatives
18 . Fluoride	N	2022	0.1	0	ppm	4	4	Erosion of natural deposits; additiv which promotes strong teeth; disch from fertilizer & aluminum factorie
19 . Lead	N	2022	.001	0	ppb	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposit
Volatile Organic Contaminants								
73. TTHM	N	2023	1.0		ppb	0		By-product of drinking water chlorination
74. HAA5	N	2023	1.0		ppb	0		By-product of drinking water chlorination