

Eastern Cass Water Supply Corporation

2023 Arkansas Annual Drinking Water Quality Report

The test results table below reports information on constituents in the drinking water from our Arkansas well and the Arkansas portion of our distribution system. Our Arkansas well pumps water from the Wilcox Group Aquifer. The test results table shows the results of our monitoring for the period of January 1st to December 31st, 2023, unless otherwise stated.

The Arkansas Department of Health has completed a Source Water Vulnerability Assessment for the Arkansas well of Eastern Cass Water Supply Corporation. The assessment summarizes the potential for contamination of our source of drinking water and can be used as a basis for developing a source water protection plan. Based on the various criteria of the assessment, our water source has been determined to have a low susceptibility to contamination. You may request a summary of the Source Water Vulnerability Assessment from the Eastern Cass Water Supply Corporation Office. For further information, you may contact Mary Nichols, Office Manager, at 903-796-2393. We hold monthly board meetings on the fourth Thursday of each month at 6:00 PM, at 7657 FM 251 S, in Bivins, TX.

LEAD AND COPPER TAP MONITORING						
Contaminant	Number of Sites over Action Level	90 th Percentile Result	Unit of Measurement	Action Level	Major Sources in Drinking Water	
Lead (Customer Taps)	0	0.007	ppm	0.015	Corrosion from household plumbing systems; erosion of natural deposits	
Copper (Customer Taps)	0	0.156	ppm	1.3		
♦ We are on a reduced monitoring schedule and required to sample once every year for lead and copper at the customers’ taps. The results above are from our last monitoring period in 2021. Our next required monitoring period is in 2024.						
REGULATED DISINFECTANTS						
Disinfectant	Violation Y/N	Level Detected	Unit	MRDLG (Public Health Goal)	MRDL (Allowable Level)	Major Sources in Drinking Water
Chlorine (Distribution System)	N	Average: 1.13 Range: 1.01 – 1.24	ppm	4	4	Water additive used to control microbes
BY-PRODUCTS OF DRINKING WATER DISINFECTION						
Contaminant	Violation Y/N	Level Detected		Unit	MCLG (Public Health Goal)	MCL (Allowable Level)
HAA5 [Haloacetic Acids] (Distribution System)	N	Highest Running 12 Month Average: 41 Range: 29.7 – 55.2		ppb	0	60
TTHM [Total Trihalomethanes] (Distribution System)	N	Highest Running 12 Month Average: 56 Range: 38.4 – 80.9		ppb	NA	80
♦ Our system is on an increased monitoring schedule and required to sample once every 90 days for Total Trihalomethanes and Haloacetic Acids in the distribution system.						
♦ While only the upper end of the TTHM range exceeded the MCL, it should be noted that some people who drink water containing Trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.						