

# **Eastern Cass Water Supply Corporation**

## **2020 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 1<sup>st</sup> to December 31<sup>st</sup>, 2020 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, or Mitchell McCasland, Systems Manager, at 903-796-2393. We hold monthly board meetings on the 4<sup>th</sup> Thursday of each month at 6:00 PM, at 7657 FM 251 S, in Bivins, TX.

<b>LEAD AND COPPER TAP MONITORING</b>						
<b>Contaminant</b>	<b>Number of Sites over Action Level</b>	<b>90<sup>th</sup> Percentile Result</b>	<b>Unit of Measurement</b>	<b>Action Level</b>	<b>Major Sources in Drinking Water</b>	
Lead (Customer's Taps)	0	0.001	ppm	0.015	Corrosion from household plumbing systems; erosion of natural deposits	
Copper (Customer's Taps)	0	0.078	ppm	1.300		
<p>◆ 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 2018. Our next required monitoring period is in 2021.</p>						
<b>REGULATED DISINFECTANTS</b>						
<b>Disinfectant</b>	<b>Violation Y/N</b>	<b>Level Detected</b>	<b>Unit</b>	<b>MRDLG (Public Health Goal)</b>	<b>MRDL (Allowable Level)</b>	<b>Major Sources in Drinking Water</b>
Chlorine (Distribution System)	N	Average: 1.26 Range: 0.40 - 1.80	ppm	4	4	Water additive used to control microbes
<b>BY-PRODUCTS OF DRINKING WATER DISINFECTION</b>						
<b>Contaminant</b>	<b>Violation Y/N</b>	<b>Level Detected</b>	<b>Unit</b>	<b>MCLG (Public Health Goal)</b>	<b>MCL (Allowable Level)</b>	
HAA5 [Haloacetic Acids] (Distribution System)	N	Running Annual Average: 32.0 Range: 21.4 - 39.0	ppb	0	60	
TTHM [Total Trihalomethanes] (Distribution System)	N	Running Annual Average: 60.0 Range: 50.1 - 68.4	ppb	NA	80	
<b>UNREGULATED CONTAMINANTS</b>						
<b>Contaminant</b>	<b>Level Detected</b>	<b>Unit</b>	<b>MCLG (Public Health Goal)</b>	<b>Major Sources in Drinking Water</b>		
Chloroform (Water Treatment Plant)	Average: 15.7 Range: 12.7 - 18.8	ppb	70	By-products of drinking water disinfection		
Bromodichloromethane (Water Treatment Plant)	Average: 9.14 Range: 8.82 - 9.47	ppb	0			
Dibromochloromethane (Water Treatment Plant)	Average: 4.75 Range: 4.71 - 4.79	ppb	60			
<p>◆ Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. MCLs (Maximum Contaminant Levels) and MCLGs (Maximum Contaminant Level Goals) have not been established for all unregulated contaminants.</p>						