

Eastern Cass Water Supply Corporation 2014 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, 2014 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.

TEST RESULTS						
MICROBIOLOGICAL CONTAMINANTS						
Contaminant	Violation Y/N	Level Detected	Unit	MCLG (Public Health Goal)	MCL (Allowable Level)	Major Sources in Drinking Water
Total Coliform Bacteria (Distribution System)	N	None	Present	0	1 positive sample per month	Naturally present in the environment
LEAD AND COPPER TAP MONITORING						
Contaminant	Number of Sites over Action Level	90th Percentile Result	Unit of Measurement	Action Level	Major Sources in Drinking Water	
Lead (Customer's Taps)	N	<0.003	ppm	0.015	Corrosion from household plumbing systems; erosion of natural deposits	
Copper (Customer's Taps)	N	0.21	ppm	1.3		
<ul style="list-style-type: none"> We are on a reduced monitoring schedule and required to sample once every three years for lead and copper at the customers' taps. The results above are from our last monitoring period in 2013. Our next required monitoring period is in 2016. 						
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: 0.90 Range: 0.43 – 1.5	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 Annual Average: 29.85 Range: 0 – 59.7	ppb	0	60	
TTHM [Total Trihalomethanes] (Distribution System)	N	Highest Running Annual Average: 16.6 Range: 0 – 33.2	ppb	NA	80	
UNREGULATED CONTAMINANTS						
Contaminant	Level Detected	Unit	MCLG (Public Health Goal)	Major Sources in Drinking Water		
Chloroform (Water Treatment Plant)	Average: 15.45 Range: 15.2 – 15.7	ppb	70	By-products of drinking water disinfection		
Bromodichloromethane (Water Treatment Plant)	10.5	ppb	0			
Dibromochloromethane (Water Treatment Plant)	Average: 5.42 Range: 4.80 – 6.03	ppb	60			
<ul style="list-style-type: none"> 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. 						