

## PUBLIC NOTICE

The MAGNOLIA WATERWORKS is a public water system subject to regulation under the federal Safe Drinking Water Act. Those regulations require the notification of customers whenever a violation occurs, and is the basis for this notice.

Water systems using chlorine dioxide must daily analyze the chlorine dioxide level of the water entering the distribution system and report these levels at the end of each month to the Arkansas Department of Health. The residuals were not measured or the form documenting the residuals was not submitted to the ADH Engineering Section for the period of January 2019.

The U.S. Environmental Protection Agency sets national standards for drinking water. Chlorine dioxide in high levels could cause adverse health effects. Infants, young children, and fetuses are more susceptible to these effects. Water systems are required to report the chlorine dioxide levels to the state at the end of each month.

Failure to meet this requirement does not necessarily mean that the water is unsafe or that alternate sources of water should be used.

The water system has Measured + will continue to measure Cl<sub>2</sub> Peroxide levels and document & report to ADH when WTP is in production

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(detail the action(s) taken to correct the violation)

Should you have any questions concerning this notice, contact the water system at 870 334 8536 or the Engineering Section of the Department of Health at 501-661-2623.  
(Phone #)

## PUBLIC NOTICE

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Water systems using chlorine dioxide must daily analyze the chlorite level of the water entering the distribution system and report these levels at the end of each month to the Arkansas Department of Health. The chlorite levels were not measured or the form documenting the levels was not submitted to the Engineering Section for the period of January 2019.

The U.S. Environmental Protection Agency sets national standards for drinking water. Chlorite is a by-product of the use of chlorine dioxide and in high levels could cause adverse health effects. Infants, young children, and fetuses are more susceptible to these effects. Water systems are required to report the chlorite levels to the state at the end of each month.

Failure to meet this requirement does not necessarily mean that the water is unsafe or that alternate sources of water should be used.

The water system has monitored and is measuring chlorite when WTP is in operation and documented with a copy of results sent to AHD when plant is producing water to distribution system  
(detail the action(s) taken to correct the violation)

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Compliance with the CT criteria of the Surface Water Treatment Rule was not documented for the period of January 2019.

The U.S. Environmental Protection Agency sets national standards for drinking water. Water supplied by this system is from a surface source or groundwater which is directly influenced by surface water. Water systems which use these sources are required to monitor and document the disinfection process (CT) in the water treatment system. This monitoring and documentation is to help ensure that adequate disinfection is provided for protection against microorganisms.

Failure to meet this requirement does not necessarily mean that the water is unsafe or that alternate sources of water should be used.

The water system has now put in place procedures to insure this is reported as required

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(detail the action(s) taken to correct the violation)

Should you have any questions concerning this notice, contact the water system at 870-234-8536 or the Engineering Section of the Department of Health at 501-661-2623.  
(Phone #)

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The disinfectant residual in the finished water must be monitored before entering the distribution system according to the following criteria:

POPULATION	# SAMPLES/DAY
less than 500	1
501 - 1000	2
1001 - 2500	3
2501 - 3300	4
greater than 3300	Continuous with lowest level recorded.

This requirement was not met in January 2019.

The U.S. Environmental Protection Agency sets national standards for drinking water. Water supplied by this system is from a surface source or groundwater which is directly influenced by surface water. Water systems which use these sources are required to monitor the disinfectant level of the water entering the distribution system one or more times each day. This monitoring is to help ensure that specific harmful microorganisms, if present, are not viable.

Failure to meet this requirement does not necessarily mean that the water is unsafe or that alternate sources of water should be used.

The water system has continuous monitoring on disinfectant at WTP. No  
water has been pumped into distribution system since Sept 2019.  
Monitors have been calibrated at these levels will be reported when WTP resumes  
(detail the action(s) taken to correct the violation) Production

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The monthly Bacteriological Monitoring and Operations Reports are required to be submitted to the State by the 10th day of the following month. This requirement was not met for January 2019.

The U.S. Environmental Protection Agency sets standards for drinking water. Public water systems are required to regularly have their water bacteriologically tested in a certified laboratory. These samples are analyzed for Total Coliform and E.Coli bacteria. Coliform bacteria is used as an indicator for more serious pathogenic organisms.

Failure to meet this requirement does not necessarily mean that the water is unsafe or that alternate sources of water should be used.

The water system has since complied with all reporting BMR's

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(detail the action(s) taken to correct the violation)

Should you have any questions concerning this notice, contact the water system at 234-8534 or the Engineering Section of the Department of Health at 501-661-2623.  
(Phone #)