

**Public Notice
for
Marshall Municipal Utilities
Water Customers**



Marshall Municipal Utilities

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(Chloramines change over starts October 15, 2018)

Marshall is very near to completion of the infrastructure changes at the Water Treatment Plant that are needed to convert from chlorine to chloramines as the system's primary disinfectant throughout the water distribution system. This change is intended to benefit our customers by reducing the levels of Disinfection By-Products (DBP's) in the water system. From time to time you have received a notification mandated by state law when DBP's have exceeded the maximum contaminant level set by the Environmental Protection Agency and enforced by the Department of Natural Resources. This change will reduce the DBP's forming as water travels through the distribution system.

Chloramine treatment is not new, as chloramines have been used for many years and are considered an effective disinfectant. Their use in Missouri is extensive. It is encouraging to note that systems using the chloramines have reported a decrease in complaints of bad taste and odor.

Chloramines do not pose a health hazard to the general population.

But, they can be a serious problem to individuals with kidney disease undergoing dialysis on an artificial kidney machine, unless the chloramines are reduced to acceptable levels before any treatments. We are informing the county health departments to ensure that everyone involved with the treatment of dialysis patients is alerted and that proper precautions are taken.

Customers with aquatic animals.

Chloramines, like chlorine, are toxic to fish. Therefore, anyone putting fish into water obtained from our distribution system should ensure that the fish are properly protected. Local fish and pet shops should be contacted to determine the best measures to cope with a chloraminated water supply. Holding water for a period of time, which works well with chlorine, **will not work** with chloramines, which are a longer lasting disinfectant.

The transfer to chloramines will start on October 15, 2018.

It will require most of the week to have all the water in the distribution system converted to the chloramine disinfectant. **You do not need to do anything different.** However, if you have specific health concerns or conditions, consult a physician.

Technical questions regarding chloramines treatment may be directed to the Marshall Water Treatment Plant at 660-595-2417 or by calling our main office at 660-886-6966.

Marshall Municipal Utilities
Water Treatment Plant

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