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August News Splash

Culligan Water

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Are There Disinfection Byproducts In Your Water?

Article from Culligan.com

Disinfection byproducts can enter your water supply in several different ways. It is a problem that communities across the country face, but what are disinfection byproducts, and should you be concerned?

What Are Disinfection Byproducts?

According to Lenntech, disinfection byproducts are formed when a disinfectant reacts with an organic matter present in water. The reaction creates either chemical, organic, or inorganic substances.

The most common disinfectant that is used is chlorine. The disinfectant that is being used and the amount of it added to water affects what byproduct is formed and in some cases, if one is even formed to begin with. If there is a very minimal amount of disinfectant added to the water, the risk for byproduct is significantly reduced.

Disinfection byproducts are broken down into two categories: *Total Trihalomethanes (TTHM)* and *Haloacetic Acids (HAA5)*. For *TTHMs*, the maximum contaminant level is 0.080 mg/L while *HAA5s* have a maximum contaminant level of 0.060 mg/L according to the Washington State department of health.

Should You Be Concerned?

According to the Minnesota Department of Health, "All public water systems that disinfect must regularly test their treated water to determine if regulated DBPs are present and at what levels."

Overall, disinfection byproducts in your water are a good thing because their presence means that the disinfection is working. The benefits of chlorine or other disinfectants in your water greatly outweighs the health risks associated with adding them in. For example, chlorine kills and removes many harmful organisms that cause infection such as E. coli, typhoid, cholera, dysentery and more.

What Can You Do At Home?

While your local water authority will typically take care of the disinfection byproducts in your water, there are steps that you can take to make sure your water is properly filtered of all byproducts and other contaminants. With a *Culligan Reverse Osmosis Filtration System*, you can ensure that your drinking water is properly filtered.

Overall, disinfection byproducts are nothing to worry about with proper care of water by your local authority. They are a good sign that your water is being treated and is free from deadly microorganisms.

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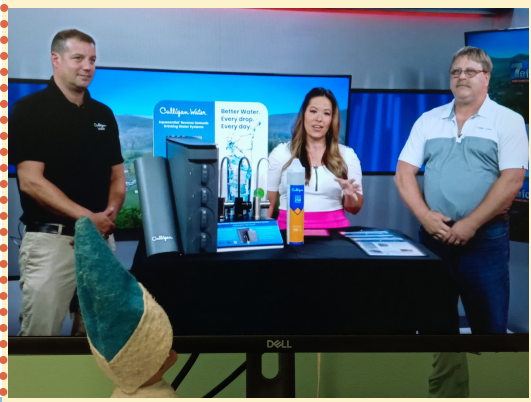
In case you missed it!



Our Culligan office was invited to speak about PFA's on WDBJ7. Check out the interview here!

Click Here!

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