Does Boiling My Water Purify It?

　　What Does Boiling My Water Protect Against?

　　In the United States, we are very fortunate that modern disinfection practices have nearly eliminated widespread waterborne illness. However, sometimes unplanned things do happen (e.g. water main breaks) which opens up an opportunity for biological contamination. When this happens, municipalities may issue a boil order or notice, because boiling water kills potentially dangerous microorganisms.

　　What Does Freezing My Water Protect Against?

　　Freezing things slows down the growth of bacteria, and is the reason why frozen foods can be stored for long periods of time.

　　Will Boiling Or Freezing My Water Remove Lead, Arsenic, Mercury & Chromium 6?

　　No.  Unfortunately, freezing or boiling water to purify it does not remove chemicals like lead, arsenic, mercury, chromium 6, or barium. The only way to remove meaningful concentrations of these chemicals is by using a quality water filtration system. We have our favorite custom water filter, but there are other effective systems out there as well!

　　from:https://www.hydroviv.com/blogs/water-smarts/does-boiling-my-water-purify-it