

Ketchikan Public Utilities Water

Protected, Safe, and Affordable



Our Water Source

Our water comes from the protected watersheds of Ketchikan Lake and Granite Basin in the Tongass National Forest.

Our Water Treatment

Why just disinfection?

Our water has so few particles that we only need to provide disinfection, allowing us to have the most affordable water possible.

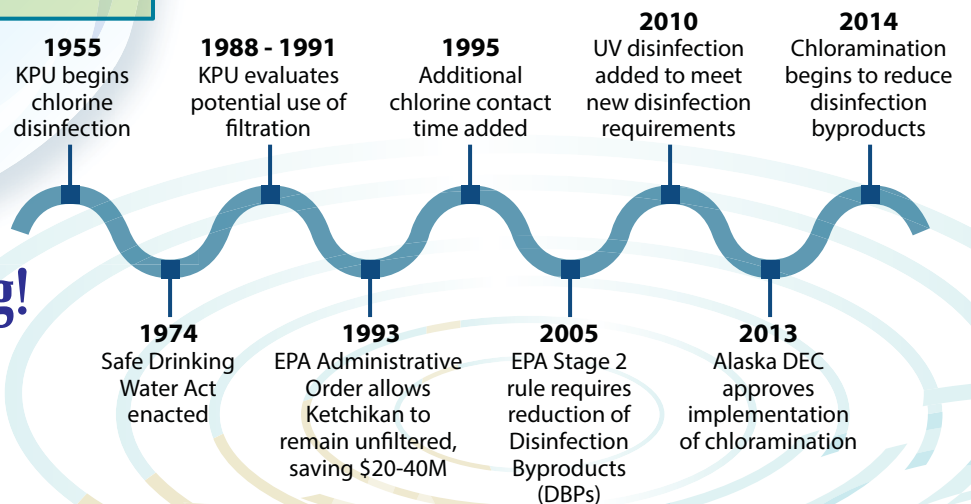
What does disinfection do?

Disinfection protects against harmful bacteria and viruses in the water.

Recent upgrades to our system include UV disinfection, which has greatly increased the amount of disinfection we provide.

UV is ultraviolet light, which sterilizes microorganisms in the water.

Ketchikan's Water Treatment Is Improving!



Are other cities using this treatment?

Ketchikan's water treatment system is commonplace in cities large and small.

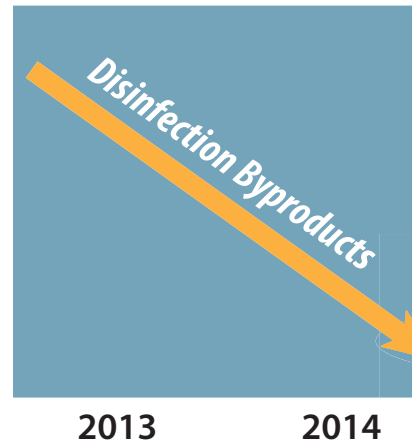


Update on Our Water Treatment System

Since chloramination began in April 2014 we have seen many positive results!

Chloramination is a type of chlorine disinfection which produces fewer harmful byproducts.

- ✓ 30-50% reduction in harmful byproducts
- ✓ No drinking water-related public health or environmental issues
- ✓ No taste and odor complaints



Chloramination has decreased Disinfection Byproducts (DBPs) by up to 50%

Future Plans

We are working to reduce harmful byproducts even further to meet regulations while avoiding expensive alternatives.

We have already vastly improved over past conditions, and are continuing to get better results!

KPU is preparing to add a second chlorine addition point for additional disinfection byproduct reduction.

KPU is working closely with the Alaska Department of Environmental Conservation to provide safe water to Ketchikan's residents, industry, and visitors.

Ketchikan Public Utilities

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Alaska Department of

Environmental Conservation

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