

Water Treatment FAQ (Frequently Asked Questions)

Q. Why do you add chlorine to the water?

A. Many harmful, disease causing organisms can live in and be transmitted by drinking water. Chlorine is added to the drinking water to kill any harmful organisms that may be present. Chlorine concentrations at the levels used to disinfect public drinking water are not harmful to human health. The Ohio Environmental Protection Agency requires us to maintain a free chlorine residual of 0.2 parts per million at all times at all points in our distribution system.

Q. Is Granville's drinking water fluoridated?

A. Yes it is. The State of Ohio, by law, requires all public water systems with a population greater than 5000 to fluoridate the water, and to maintain a residual fluoride concentration of 0.8 to 1.2 parts per million. Granville's raw water has a small amount of naturally occurring fluoride ion. Additional fluoride is added to bring the concentration to about 1.00 PPM. Fluoride in drinking water at these concentrations is known to strengthen teeth, reduce dental cavities, and improve the public health.

Q. Why is drinking water softened?

A. Although softening is not required by the E.P.A., there are several advantages to softening. Hardness in water is caused by the presence of calcium and magnesium. High levels of these compounds cause scale build-up in water pipes and hot water heaters. Hard water also produces a soap scum and consumes more soap when bathing and doing laundry. The water is softened to improve the quality for the customer.