

The Atrium

Public Water Supply

Please be advised that water samples collected on 11/08/2016 and 02/03/2017 indicate an average chloride level of 520 mg/l within distribution. These levels are above the maximum contaminant level for chlorides in the drinking water regulations, which is set at 250 mg/l. This notice is posted so that all consumers are informed of the high chloride levels. This notice may not be removed without prior written consent of the Dutchess County Department of Health.

Chloride Health Effects Language: The presence of chloride ions in drinking water above the maximum contaminant level of 250 mg/l can result in two undesirable aesthetic effects. First, the consumer may detect an objectionable taste to the water. Second, corrosion of the pipes in hot water systems may occur. Consumers may become accustomed to the taste of somewhat higher chloride levels but the economic effects of these higher levels ought to be avoided. High levels of sodium are associated with chloride contamination. The most recent sodium sample indicated a level of 120mg/l. Persons on restricted sodium diets should consult their physician.

General: Chlorides in drinking water may originate from natural sources, run-off, and/or de-icing salt. The main source of human exposure to chloride is the addition of salt to food, and the intake from this source is usually greatly in excess of that from drinking water. Excessive chloride concentrations increase rates of corrosion of metals in the distribution system, depending on the alkalinity of the water. This can lead to increased concentrations of metals in the water supply.

The following steps are being taken to correct the problem:

Chlorides cannot be readily removed from drinking water without the use of distillation or reverse osmosis. This public water supply is being monitored for chlorides and sodium at an increased frequency. If the chloride levels average above 500 mg/l, treatment for chlorides may be required.

Preventative Measures you should take:

The use of bottled water or blending is the most desirable remedy until such time as chloride concentrations fall below 250 mg/l or treatment is installed.

For further information please contact:

Owner: Christopher Ross: (845) 855-1583

Dutchess County Health Department: (845) 486-3404