Chlorine Dioxide is registered by U.S. EPA for use in numerous water purification and deodorization applications. Examples include, emergency drinking water purification, control of bacteria growth in ice machines and water cooling towers, treatment of white water mold and slime in swimming pool plumbing systems, and sanitization applications for pathogen control.

Chlorine Dioxide is ideal for disinfection of potable water storage tanks. Bacteria-harboring biofilm is commonplace in these storage vessels, as the chlorine from the make-up water is insufficient to remove biofilm during cleaning cycles and to prevent its regrowth on an ongoing basis in tanks and water pipes.

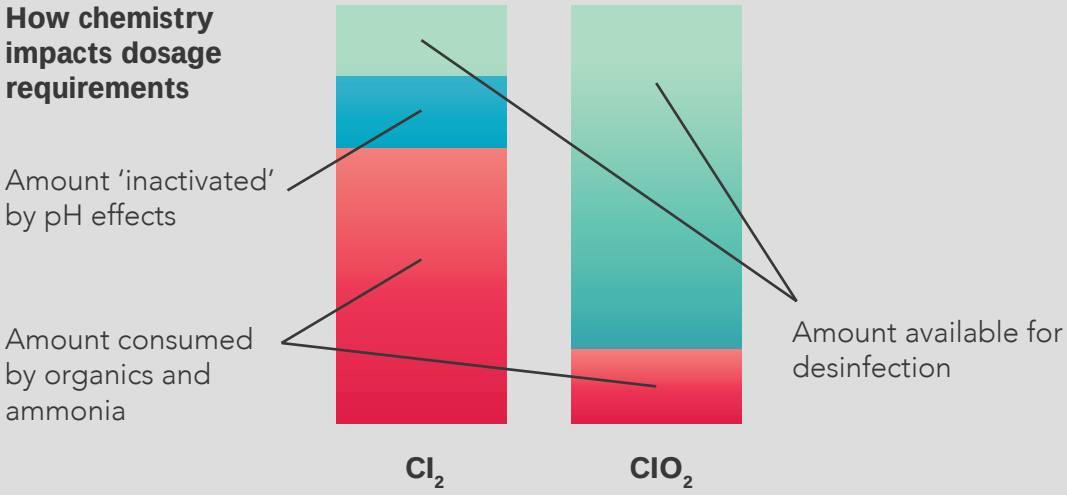
Treatment of Ground Water

The general procedure for treating ground water is: post filtering for debris oil and soil, introduce CIO at the storage tank using antiseptic pumping equipment with a metering device to treat the water directly. Dosage will depend on the bacterial loading and will require monitoring during the process until desired sanitation is achieved. It could range from 0.3 mgS/L to 1 mg per liter for normal circumstances 0.3 to 1 mg per liter, or for bacterial content of 100 coliforms per 110 mls of water 0.5 mg/L.

EDUCATION: DOXYKLOR IS NOT BLEACH

CHLORINE **VS** **THE PHARMA ROOM: SURFACE WASH**

How chemistry impacts dosage requirements



Longer dwell time	Seconds of dwell time
Corrosive	Non-corrosive
Conductive	Non-conductive
Narrow efficacy range	Wide efficacy range
Hazardous residue (must rinse)	No residue (no rinse)

1 (780) 991-8700

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Contact Info: visit **www.cjmcoating.com/contact** today to request more information.

THE PHARMA-ROOM SURFACE WASH

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