



# **Eliminate Rust Stains and “Rotten Egg” Odors**

## **Nelsen Water Treatment Solutions AIO™ Air Injection Oxidizing System**

Iron and Sulphur are two of the most common elements found in nature. While both are extremely important for every day life, both are a nuisance in water and can cost you money and frustration.

Iron staining is a common problem in homes today. It causes orange staining on fixtures, as well as dingy clothes and sometimes can have negative effects on both hair and skin.

Sulfur is easily detected by the presence of a “rotten egg” odor, and is sometimes associated with yellow staining.

All of these problems can be eliminated with the Nelsen Water Treatment Solutions AIO™ Air Injection Oxidizing Filtration System.

**NelsenWater™**  
Treatment Solutions

*for Iron and Sulphur Removal*



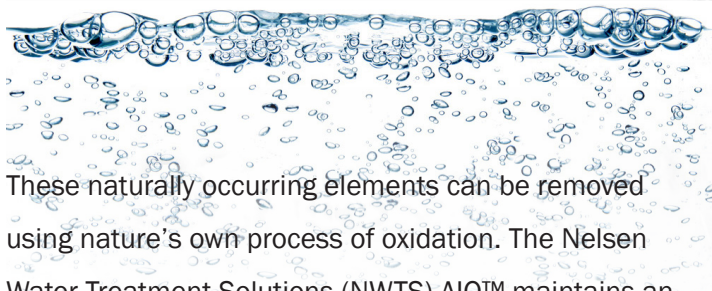


## Protect your Appliances

By reducing the iron and sulfur buildup in your water your appliances will last longer. Rust and slime buildup make your appliances work harder and less efficiently, requiring more maintenance or replacement.



## Using Nature's Own Process



These naturally occurring elements can be removed using nature's own process of oxidation. The Nelsen Water Treatment Solutions (NWTS) AIO™ maintains an "air pocket" in the top of the tank while the system is in service. As water passes thru the air pocket, iron and sulfur are oxidized. The NWTS AIO™ filter media bed then removes the oxidized iron and sulfur from the water. Additionally, dissolved oxygen is added to the water.

*\* Will not remove calcium or hardness from water, there may be a need for a water softener after the NWTS AIO™.*

## Efficient and Chemical Free

The NWTS AIO™ Air Injection Filter System, as a single tank system, is an efficient and cost effective system.

The need for additional equipment...

air tanks, feed pumps, or harsh

chemicals (like those used in

Manganese Greensand Systems)

is virtually eliminated!\*

## Proven Technology

The NWTS AIO™ system features the "C-Series" electronic control valve that automatically backwashes the system to clean the media and flush everything down the drain. By utilizing a patented process in the control valve, the NWTS AIO™ is able to put the whole oxidation process inside one tank, keeping maintenance costs and down time to a minimum.

The NWTS AIO™ can remove up to 8 ppm Hydrogen Sulfide and up to 7 ppm Iron. A daily backwash removes accumulated iron and replenishes the filter media bed. The regeneration process also adds a fresh air pocket to the system.



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