

# IRON DOES NOT FOUL MEMBRANES OXYGEN DOES.

THE HIDDEN FAILURE IN EVERY RO / NF SYSTEM

## WHAT THE INDUSTRY BELIEVES

- Iron < 0.1 mg/L = Safe
- SDI < 5 = Safe
- Clear Water = Safe

## THE REALITY

- Fouling still occurs
- Flux drops rapidly
- Membranes get damaged
- Even at very low iron levels

## OXYGEN REMOVED HERE

**OXYLOCK®**



- No precipitation
- No fouling
- No oxidation damage

## WHAT REALLY HAPPENS

- Iron oxidizes
- Insoluble particles form
- Fouling starts instantly

## THE REALITY

- Membrane blockage
- Accelerated biofilm
- Oxidation damage
- Frequent chemical cleaning

## WATCH WATER TECHNOLOGY

**OXYLOCK**

Eliminates oxygen

**AQUAREDOX**

Electron Regulation

**CRYSTOLITE**

Final protection barrier

## NO BIOCIDES REQUIRED

**NO BIOFOULING CONDITIONS CREATED**  
ELIMINATE OXYGEN - ELIMINATE BIOFOULING

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