

# SPEND YOUR TIME CLEANING WATER— NOT WATER SCREENS

Water utility plants that use Hydrolox™ technology report lower total cost of ownership, operational expenses, and capital costs compared to traditional solutions. They also find that bypass is completely eliminated. Biofouling and maintenance are drastically reduced. And the extreme force of wildlife blooms from jellyfish are easily absorbed. In fact, our screens have been recognized by government regulators in the U.S. and UK as the best technology available for aquatic life protection, and [follow-up studies by our water utility partners](#) only continue to confirm it.



## WELCOME TO THE NEXT GENERATION OF WATER SCREEN TECHNOLOGY

**5x**

Last five times longer than traditional solutions



Resist corrosion and biofouling



90%+ lower maintenance costs



Four-year warranty



Reduced civil design and construction costs

\*\*Warranty terms determined by specifics of screen, application, and installation

## CASE STUDY

### Mobile Area Water & Sewer System

By installing Hydrolox technology, Mobile Area Water & Sewer System (MAWSS) reduced their cleaning and maintenance levels from 442 labor-hours per year to just 16—a drop of more than 96%. They've also noticed improvements downstream to water quality and maintenance needs.

**96%**  
LESS TIME SPENT ON CLEANING  
AND MAINTENANCE

“The Hydrolox screens are maintenance- and trouble-free. In my opinion, this is the best investment MAWSS has made at Big Creek Pumping Station.”

Steven Davis  
Site Superintendent at MAWSS

## HOW WE DO IT

### The Hydrolox Design

Hydrolox screens were intended from their inception to operate in water 24/7/365 with little to no maintenance. To accomplish this, our innovative design features:

- No side chains or submerged moving parts, eliminating most unscheduled maintenance and downtime
- Engineered polymer mesh, which doesn't corrode plus resists biofouling and ice adhesion
- A stainless-steel, chevron-patterned carryway that transfers the force of extreme debris loads away from the screen's center
- Modular assembly, allowing for fast, on-site maintenance and eliminating the need to replace the entire screen mesh
- Stainless-steel side seals that eliminate bypass and superior spray bars that virtually eliminate carry-over, protecting downstream equipment from debris and aquatic wildlife
- A compact design that's approximately 40% lighter than traditional solutions, improving worker safety

[Contact us](#) to learn what this paradigm shift in water screen technology means for your operation.