

MEASURE WATER SCREEN LIFE IN DECADES—NOT YEARS

When our oil and gas partners install Hydrolox™ technology in their plants' intakes, they eliminate every water screen limitation the industry accepts as necessary. There's no more daily cleaning or storing replacements on-site. Costly underwater inspections and technician visits for "expected" maintenance go away. Corrosion becomes a non-issue, and screen life quintuples. In fact, [one of our hydropower partners](#) has been running their Hydrolox screen 24/7 for more than a decade virtually maintenance free. Sound impossible? With a traditional chain-driven steel screen, it would be.



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



Improved worker safety

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

CASE STUDY

North American Refinery

Since installing Hydrolox technology, one North American refinery reduced yearly maintenance costs from \$334,300 to \$4,110 while achieving full regulatory compliance. Their screens run 24/7 without problems, and staff are now free to attend to other tasks around the plant.

\$330,000+
ANNUAL MAINTENANCE
SAVINGS

“Overall, Hydrolox screens really have been flawless.”

Capital Project Engineer
North American Refinery

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.