

Hydrolox™ Protects Fish for Fall River Electric

CUSTOMER OBJECTIVES

The Fall River Electric Cooperative's Chester Hydro Plant is located on the Henry's Fork of the Snake River, an important fishing area for conservation that provides 3.3 MW of power. The two large irrigation ditches on either side of the plant were experiencing problems with fish – 90% of them were ending up in the ditches with near-100% mortality rates. Fall River needed to find a low-maintenance way to ensure fish safety to continue this plant's renewable energy production.

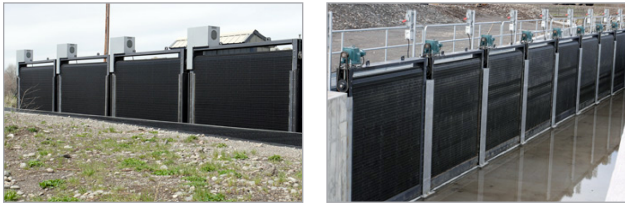
HYDROLOX EXECUTION

Fall River partnered with Henry's Fork Foundation, Trout Unlimited, Idaho Fish and Game, and U.S. Fish and Wildlife to work toward a solution. The group decided to contact Hydrolox due to the water screen manufacturer's reputation for low-maintenance, high fish-protection technology. A total of 15 Series 1800 Mesh Top Screens were installed in front of the irrigation ditches next to Chester Hydro Plant. These 11-ft-by-11-ft screens ensure the local trout population can safely navigate down Snake River.

The S1800 Mesh Top Screen is composed of lightweight materials that are corrosion-free and UV-resistant, making it suitable for years of low-maintenance, continuous outdoor use. The screen's small mesh openings allow for more effective fish exclusion, and its self-cleaning mechanism improves debris removal.

RESULTS

More than five years after installation, the S1800 screens require very little maintenance and fish are no longer trapped in irrigation ditches. Dave Peterson, Fall River Manager of Engineering, says, ***“Everything runs much smoother since we installed the Hydrolox water screens. Fall River Electric can provide power for the area knowing that the Snake River's fish remain unharmed.”***



CUSTOMER	Fall River Electric Cooperative
LOCATION	Chester Hydro Plant, Fremont County, ID
APPLICATION	Fish bypass system
SOLUTION	Series 1800 Mesh Top Screen
MISSION	Provide clean, renewable energy to local residents and farmers while protecting the sensitive fishing area

The Hydrolox Advantage

- » Designed to operate 24/7/365
- » Last up to five times longer than traditional chain-driven steel screen systems
- » Proven in field and laboratory tests to offer outstanding protection for aquatic life

For more information about Hydrolox, visit www.hydrolox.com.

Hydrolox USA, New Orleans, LA, Toll Free: 1-866-586-2825

Hydrolox Europe, Amsterdam, The Netherlands, Toll Free: +00800-3344-5544

