



Hydrolox Solution Helps National Wildlife Refuge Comply with National and State Regulations

CUSTOMER OBJECTIVES

The Don Edwards San Francisco Bay National Wildlife Refuge needed to reintroduce tidal flows into pond areas that had been cut off from the San Francisco Bay. The refuge required a new diversion that complied with the strict fish exclusion requirements of both the National Oceanic and Atmospheric Administration (NOAA) and the California Fish and Game Commission (CFGC).

HYDROLOX EXECUTION

In need of a reliable fish-screening solution, the project's engineering firm McMillen, LLC chose to work with Hydrolox™ water screen technology because of its exceptional record of fish protection and low maintenance, high quality products.

Three 10-foot-by-20-foot, saltwater-friendly, 316 stainless steel frames were fitted with non-corroding polymer Hydrolox Series 1800 Mesh Top screens. The S1800 Mesh Top's small mesh openings allow for more effective fish exclusion to prevent fish from entering the more shallow areas of the wildlife refuge, where they are unlikely to survive.

McMillen also chose Hydrolox for their expertise in remote monitoring of screens. Hydrolox partnered with fellow New Orleans-based company RED Group, LLC, to outfit their water screens with a customized remote-monitoring control package.

RESULTS

The diversion to reintroduce tidal flows was successfully completed. With their small openings, the Hydrolox S1800 Mesh Top water screens allow The Don Edwards San Francisco Bay National Wildlife Refuge to keep fish protected and meet the strict environmental guidelines set by the CFGC and NOAA.

Travis Shelton, Construction Project Manager with McMillen, LLC, had a great experience working with Hydrolox. ***“Everyone was very easy to work with and made sure everything was done correctly, down to the smallest detail. Hydrolox provided us with a solution that covered all the bases – low-maintenance, remote monitoring, and compliant with environmental guidelines.”***

CUSTOMER	Don Edwards San Francisco Bay National Wildlife Refuge
LOCATION	San Francisco, CA
APPLICATION	Fish exclusion from tidal flows
SOLUTION	Series 1800 Mesh Top Water Screen
MISSION	Preserve and enhance wildlife habitat; protect migratory birds and threatened and endangered species; and provide opportunities for wildlife-oriented recreation and nature study for the surrounding communities

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.

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