

MAKING A DEAL WITH THE DEVILFISH

FISH PROTECTION PRIZE DISCOVER COMPETITION

**ALDEN RESEARCH
LABORATORY, INC.
HOLDEN, MASSACHUSETTS**

BIOMETRIC-INFORMED SCREENING TECHNOLOGY

Millions of years of evolution have produced highly-efficient, clog-resistant filtering mechanisms in certain filter-feeding fish which may inform and inspire the re-design of intake screens used to protect fish from water intake structures. Our proposal is to exploit these mechanisms by way of a new screen design. The conceptual design will be refined and tested using high-resolution computer models and laboratory testing.

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