



LONG BEACH WATER DEPARTMENT
The Standard in Water Conservation &
Environmental Stewardship

MEDIA RELEASE

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Contact: Ryan J. Alsop
(562) 570-2314
(562) 277-3497
Ryan_alsop@lbwater.org

Desalination Intake System Preparing for National Research Activity

Construction of natural, biological seawater filtration demonstration system is a significant milestone for future of ocean desalination

LONG BEACH, CA - Long Beach's seawater desalination project is ready to mark yet another important milestone in its national research itinerary with the completed construction of an Under Ocean Floor Intake and Discharge Demonstration System, the first intake system of its kind in the United States.

The sub-ocean floor intake and discharge system has been built to demonstrate a cost-effective, environmentally responsive alternative to more traditional seawater intake and discharge practices used around the world, which have been criticized for their unintentional, but deadly impact on ocean species. A large-scale, sub-ocean floor intake system, with technology identical to that which the Long Beach Water Department has constructed, has been operational, and successful, at a 25 MGD seawater desalination facility in Japan for the last several years.

The Long Beach Desalination Project is a national research and development partnership between the Long Beach Water Department and the United States Department of Interior, Bureau of Reclamation. Research and development activities are focused on addressing issues of cost, environmental impact, water quality and distribution system integration, among others.

Mr. Joe Geever, California Policy Coordinator for The Surfrider Foundation said, "we (The Surfrider Foundation) support efforts like those of the Long Beach Water Department to use the best technology available and to think creatively and cautiously in employing technologies to avoid entrainment. We will vigorously oppose ocean desalination proposals that do not minimize entrainment to the maximum extent."

See the amazing [final](#) photos of the Under Ocean Floor System...before it was buried, [HERE](#)

The [Long Beach Water Department](#) is an urban, southern California retail water supply agency and the standard in water conservation and environmental stewardship.

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