



CalDesal

Newsletter | Volume 2

A Unified Voice for Water Desalination and Salinity Management in the Golden State



SWRCB Release of Draft Report & DSED for Ocean Plan

The State Water Resources Control Board (SWRCB) published on its website the Proposed Desalination Amendment and Draft Staff Report, including the Draft Substitute Environmental Document for the California Ocean Plan on July 3, 2014. The documents can be found at the following two links:

www.swrcb.ca.gov/water_issues/programs/ocean/desalination/docs/draft_desalated_070314.pdf

Appendices are here:

www.swrcb.ca.gov/water_issues/programs/ocean/desalination/docs/desalappened_070314.pdf

The SWRCB has scheduled a public workshop on August 6, 2014 and a public hearing on August 19, 2014. 🌐

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**CalDesal PRESENTS:
3rd Annual Conference
— October 6-7, 2014 —**

Portola Hotel
2 Portola Plaza Monterey,
CA 93940
(888) 222-5851

Grand Jury Reports Highlight Role of Ocean Desalination

Grand juries in two coastal California counties have called on local water leaders to pursue ocean desalination as a strategy to provide supplemental water and avoid future water shortages.

Grand juries in Orange County and Santa Cruz County highlighted the role that regional ocean desalination projects can play in improving overall water supply reliability in the face of ongoing drought, seawater intrusion into groundwater aquifers and long-term effects of climate change.

The Orange County Grand Jury report recommended that local water suppliers work with policy makers, regulatory agencies and stakeholders to streamline and accelerate the approval process for large-scale ocean desalination projects, which have the potential to supply about 20% of the county's current water demand.

"OC water suppliers need the public's active involvement in supporting sustainable solutions to ensure a reasonable quality of

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Grand Jury Reports – continued from page 1

life and to support economic growth,” the report indicated “OC water suppliers with significant public support should immediately select, expedite and execute seawater desalination projects with sufficient total capacity to replace up to 40% of OC’s imported water.”

The report also recommended that the Municipal Water District of Orange County and the Orange County Water District consider merging into a single wholesale agency to better coordinate and integrate water management strategies.

In Santa Cruz County, the grand jury urged the Santa Cruz Water Department (SCWD) and the Soquel Creek Water

District (SqCWD) to move swiftly to secure a supplemental water supply that can protect aquifers from seawater intrusion and prevent shortages in future droughts. It notes that a decision last year to halt a regional desalination project in light of local opposition has left parts of the county without a supplemental supply and the City of Santa Cruz more vulnerable to drought.

“Both SCWD and SqCWD urgently need a supplemental water source,” the report found. “The longer SqCWD and SCWD wait to secure a viable alternative to the overdraft problem, the greater the danger of degradation and possible permanent loss of aquifers.”

DWR 2014 DESALINATION GRANT FUNDING (ROUND 3)

The Department of Water Resources (DWR) has released the draft funding recommendations for the third round of Proposition 50 Desalination Grants.

Eight (8) projects are recommended to receive \$8.7 million of available funds. These projects are:

FUNDING CATEGORY	APPLICATION	PROJECT TITLE	REQUESTED FUNDING	PROPOSED GRANT AWARD
CONSTRUCTION	City of Torrance	Goldsworthy Desalter Expansion	\$3,000,000	\$3,000,000
	San Diego County Water Authority	Carlsbad Desalination Project – System Integration Facilities	\$3,000,000	\$2,600,000
PILOT OR DEMONSTRATION	California American Water Company	Monterey Peninsula Water Supply Project: Slant Test Well	\$1,000,000	\$1,000,000
	San Diego County Water Authority	Pilot Testing Program for the Proposed Camp Pendleton Seawater Desalination Facility	\$1,000,000	\$1,000,000
FEASIBILITY	Olivenhain MWD	San Dieguito Valley Brackish Groundwater Desalination Study	\$250,000	\$250,000
RESEARCH	Bureau of Reclamation	Desalination Concentrate Management through Saline Treatment Wetlands	\$210,000	\$210,000
	Humboldt State University Sponsored Programs Foundation	RO-PRO for Low Energy Desalination	\$320,872	\$320,872
	University of California at Merced	An Integrated Thermal Desalination System with Zero-Liquid Discharge for RO Brine Treatment	\$499,989	\$324,128
Total of Recommended Funding				\$8,705,000

Grant Funding – continued from page 2

DWR staff presented this draft funding recommendation at a public meeting on July 9th and accepted public comments.

Grant applicants and the general public can submit comments on this draft funding recommendation in writing.

Comments must be received by 5:00 pm on July 16, 2014.

Please submit written comments:

By e-mail to: DesalPSP@water.ca.gov.
Or by mail to: Richard Mills
 Water Use and Efficiency Branch
 Department of Water Resources
 P. O. Box 942836
 Sacramento, California 94236-0001

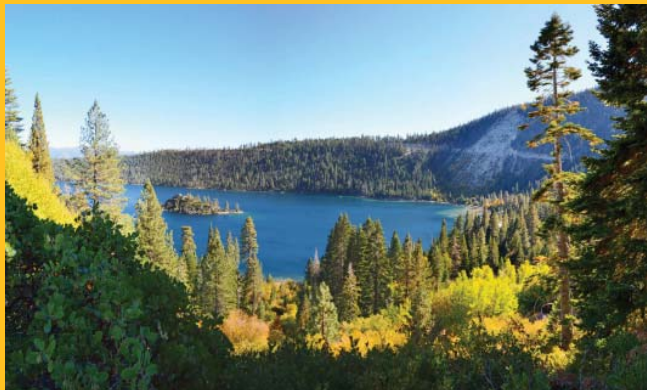
ACWA Regulatory Summit

**Wednesday, August 13, 2014
 through
 Thursday, August 14, 2014**

South Lake Tahoe

ACWA's 2014 Regulatory Summit is set for August 13-14, 2014 in South Lake Tahoe. This year's theme is, "Looking Upstream: Managing California's Headwaters for Stainability." 

www.acwa.com/events/acwa-regulatory-summit-0



Request for Proposals

The WaterReuse Research Foundation announces the availability of \$200,000 in funding for a new study to evaluate the methodologies for assigning pathogen removal credits to desalination intake wells.


Methodology for Assigning Pathogen Removal Credits to Desalination Intake Wells (WRRF-14-04)

The water desalination industry does not have an established protocol for determining whether groundwater is under the influence of surface water and typically does not assign pathogen removal credits to raw water sources for drinking water facilities. This challenge is faced by many utilities that derive their source water from wells that may be under the influence and is particularly challenging for seawater projects that are considering what could be a substantial additional investment in a subsurface intake.

Objectives

- Evaluate methodologies and approaches currently practiced for making a determination as to whether or not an intake well is under the influence of surface water.
- Evaluate methodologies available for determining the pathogen removal credit that can be verified for a given intake well.
- Make recommendations for the preferred methodologies and demonstrate the validity of these methods on a full-scale seawater well to establish whether or not it is under the influence of surface water and provide pathogen removal credits for protozoa and virus.

Proposals Due: August 13, 2014, 5 p.m. Eastern

To view the RFP, click on <https://www.watereuse.org/node/3229>. 

SAVE THE DATE

**3rd Annual CalDesal
 Conference**

**October 6-7, 2014
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 Monterey, CA**

