



Santa Clara Valley Water District Board of Directors Meeting

District Headquarters Board Room
5700 Almaden Expressway
San Jose, CA 95050

SPECIAL MEETING AGENDA

**Wednesday, August 24, 2016
1:30 PM**

District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.

DISTRICT BOARD OF DIRECTORS

Barbara Keegan, Chair - District 2
John L. Varela, Vice Chair - District 1
Richard P. Santos - District 3
Linda J. LeZotte - District 4
Nai Hsueh - District 5
Tony Estremera - District 6
Gary Kremen - District 7

All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118, at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to attend Board of Directors' meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

NORMA CAMACHO
Interim Chief Executive Officer

MICHELE L. KING, CMC
Clerk of the Board
(408) 265-2600
Fax (408) 266-0271
www.valleywater.org
5750 Almaden Expressway
San Jose, CA 95118-3686

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

**Santa Clara Valley Water District
Board of Directors
SPECIAL MEETING
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Wednesday, August 24, 2016

1:30 PM

District Headquarters Board Room

1. CALL TO ORDER:

- 1.1. Roll Call.
- 1.2. Pledge of Allegiance/National Anthem.
- 1.3. Time Open for Public Comment on any Item not on the Agenda.
Notice to the public: This item is reserved for persons desiring to address the Board on any matter not on this agenda. Members of the public who wish to address the Board on any item not listed on the agenda should complete a Speaker Card and present it to the Clerk of the Board. The Board Chair will call individuals to the podium in turn. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Board action on, or extended discussion of, any item not on the agenda except under special circumstances. If Board action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Board may take action on any item of business appearing on the posted agenda.

2. TIME CERTAIN:

1:30 PM

- 2.1. The State of California Water: A Statewide Perspective, Presentation by Tim Quinn, Executive Director, Association of California Water Agencies. **16-0715**
Attachments: Attachment 1: PowerPoint Presentation

3. ADJOURN:

- 3.1 Clerk Review and Clarification of Board Requests.
- 3.2. Adjourn to Regular Meeting at 6:00p.m., on September 13, 2016, in the Santa Clara Valley Water District Headquarters Building Boardroom, 5700 Almaden Expressway, San Jose, California.

File No.: 16-0715

Agenda Date: 8/24/2016

Item No.: 2.1.

BOARD AGENDA MEMORANDUM

SUBJECT:

The State of California Water: A Statewide Perspective, Presentation by Tim Quinn, Executive Director, Association of California Water Agencies.

RECOMMENDATION:

Receive and discuss information provided by Mr. Tim Quinn.

SUMMARY:

The Association of California Water Agencies (ACWA) is the largest statewide coalition of public water agencies in the country. Its 430 public agency members collectively are responsible for 90% of the water delivered to cities, farms and businesses in California. The Santa Clara Valley Water District is a long standing member of ACWA.

ACWA was formed in 1910 by five irrigation districts. Originally known as the Irrigation Districts Association, members voted in 1973 to rename the group the Association of California Water Agencies to better reflect its changing role in California.

ACWA's mission is to assist its members in promoting the development, management and reasonable beneficial use of good quality water at the lowest practical cost in an environmentally balanced manner.

In fulfilling its role, ACWA identifies issues of concern to the water industry and the public it serves; accumulates and communicates the best available scientific and technical information to the public and policy makers; facilitates consensus building; develops reasonable goals and objectives for water resources management; advocates sound legislation; promotes local service agencies as the most efficient means of providing water service; provides additional services of value to its members; and fosters cooperation among all interest groups concerned with stewardship of the state's water resources.

Mr. Quinn, ACWA Executive Director, will make a presentation to the Board on the State of California Water: A Statewide Perspective. (Attachment 1)

Mr. Quinn, who became ACWA executive director in July 2007, has more than 30 years of experience in California water issues. His involvement in developing ACWA's Statewide Water Action Plan and the Brown Administration's California Water Action Plan has helped advance comprehensive

solutions to meet the state's 21st century water needs. Over the course of his career, Quinn has been a leader in many events that have transformed California water management, including passage of the Sustainable Groundwater Management Act of 2014 and enactment of Proposition 1, the \$7.5 billion general obligation water bond overwhelmingly approved by California voters in November 2014. In addition, he played a key role in developing the California Legislature's historic 2009 comprehensive water package, which ushered in a new era in water policy focused on the coequal goals of improving the state's water supply reliability and restoring the Sacramento-San Joaquin River Delta ecosystem.

Prior to joining ACWA as executive director, Quinn served as deputy general manager of the Metropolitan Water District of Southern California (MWD) and represented the MWD on numerous state and federal water issues during his 22-year tenure. Before coming to MWD, Quinn was a project manager at the RAND Corporation, specializing in research on natural resources and environmental policy issues. He earned a Master's degree (1976) and PhD (1983) in economics from the University of California, Los Angeles.

FINANCIAL IMPACT:

None.

CEQA:

The recommended action does not constitute a project under CEQA because it does not have a potential for resulting in direct or reasonably foreseeable indirect physical change in the environment.

ATTACHMENTS:

Attachment 1: PowerPoint Presentation

UNCLASSIFIED MANAGER:

Jim Fiedler, 408-630-2736



Association
of California
Water Agencies

Since 1910

Leadership • Advocacy
Information • Service

The State of California Water: A Statewide Perspective

Santa Clara Valley Water District

August 24, 2016 • Timothy Quinn, ACWA Executive Director

The Drought's Impact is Serious



Burning Forests



Depleted Streams



Dry Wells



Ag Impacts

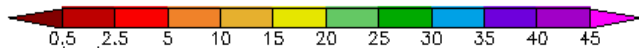
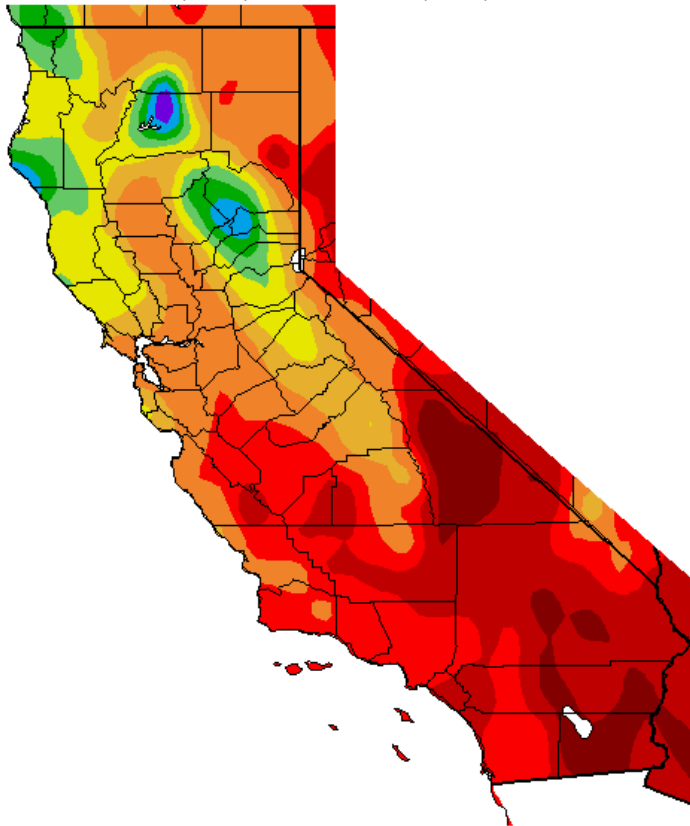
The Drought is Not Over



San Luis Reservoir on Aug. 4, 2016

The Drought is Not Over

Total Precipitation (in.)
2/16/2016 – 8/15/2016



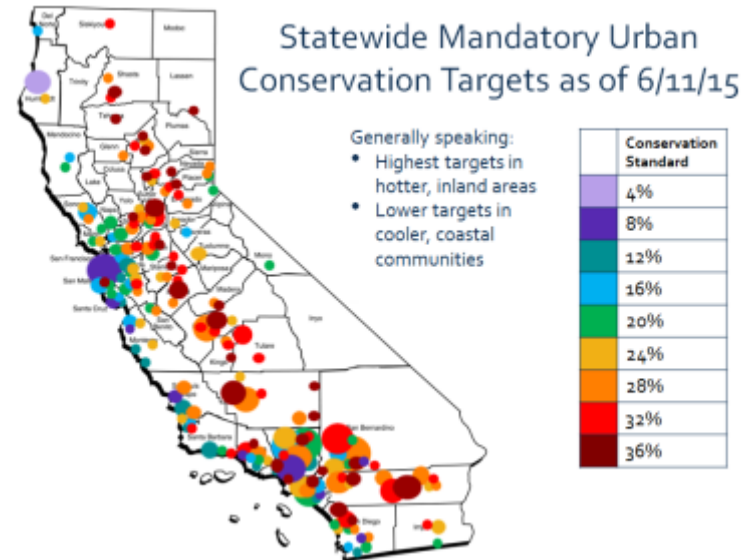
Generated 8/16/2016 at WRCC using provisional data.
NOAA Regional Climate Centers

- Continued drought conditions
- State Water Board regulation still in place
- But... *improved* conditions in some areas have allowed a new approach

Emergency Regulation in 2015

2015 Drought Emergency Conservation Regulation:

- Focus on state-mandated conservation standards
- Almost exclusive emphasis on demand reduction
- Did not recognize local climate differences
- Ignored past investments in drought resiliency



New Approach – May 2016

- Governor Brown's Executive Order outlined long term conservation policy and stakeholder process
- State Water Board's modified regulation replaced state-mandated conservation targets with local "stress test"
- New local supply-based assessment approach to conservation a big step in the right direction



Measuring Success: “Stress Tests”

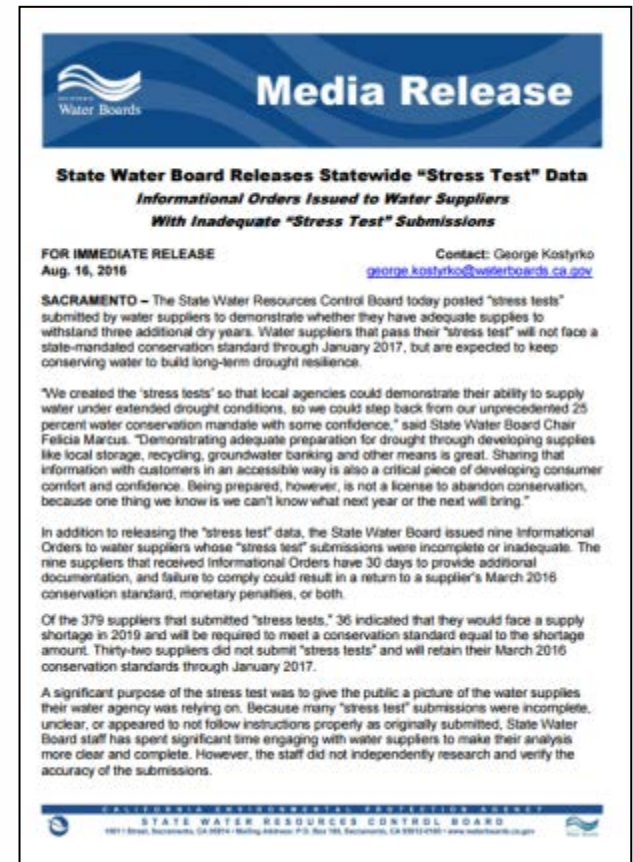
- New metric of success:
DROUGHT PREPAREDNESS
- Some agencies are combining local resources with some level of rationing
- Many agencies stress test results in a “zero” score
- “Zero:”
 - Means the agency is drought prepared...
 - ...it does NOT mean no conservation



Stress Test Results

State Water Board stress test data shows:

- 379 water suppliers submitted stress tests; only 36 suppliers will face water shortages in 2019
- 32 suppliers opted to keep March 2016 state-mandated conservation target
- Suppliers reporting no gap between supply and demand continue to call for conservation



ACWA Priorities for 2016-'17

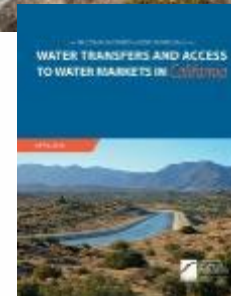
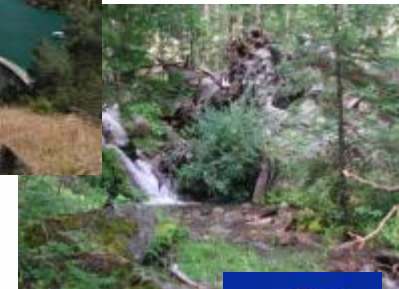
- Daylong Board workshop held March 3 in Sacramento
- Focused on both policy and operational goals
- Key Themes:
 - Advancing comprehensive solutions
 - Protecting local decision making
 - Promoting integrated water management



Key ACWA Priority Actions for 2016

Policy-Related Goals:

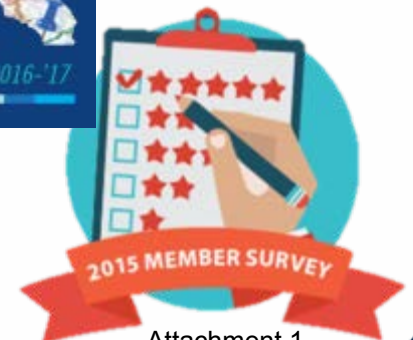
1. Develop long-term conservation and drought policy
2. Advance water storage investments
3. Promote policy advances on headwaters
4. Advance sound policy on water markets/ water transfers
5. Provide leadership on disadvantaged communities (DACs) drinking water solutions
6. Ensure Delta solutions are part of a comprehensive plan



Key ACWA Priority Actions for 2016

Organizational-Related Goals:

1. Develop long-range plan for financial sustainability and staff resources
2. Assist ACWA members with recruiting and engaging next generation
3. Make ACWA more relevant to agricultural members
4. Support Meet the President Initiative
5. Implement the Integrated Marketing/ Communications/ Outreach Plan



Long-Term Conservation

- Working closely with Administration on:
- Developing long-term policy as key element of CWAP
- Completing DWR report in 2017 to update 20 x 2020 policy
- ACWA participating in the Urban Advisory Group



The New York Times

In Sharp Reversal, California Suspends Water Restrictions

By GREG KAGAN and LISA KAPETZ 10/14/16

LOS ANGELES — California on Wednesday suspended its mandatory statewide 25 percent reduction in urban water use, telling local communities to set their own conservation standards after a relatively wet winter and a year of enormous savings in urban water use.

The new rules are a sharp change in policy for a state struggling to manage one of the worst droughts in its history. That comes after a winter in which El Niño storms fell short of southern part of the state. Northern California and snowpacks that provide

And Californians, responsive by Gov. Jerry Brown, reduced water use by 25 percent compared with 2013 levels. Officials said they were hopeful that reduction would prove permanent because of changes in water use such as replacing lawns with drought-tolerant shrubs.

“This administration more than most listens, learns, adjusts and improves,” said Quinn.

Water Storage

- Engaged in CWC rulemaking process and WSIP Quantification Regulation
- Developing technical analysis, report to inform process
- Promoting integration of existing supplies, new storage

California
WATER COMMISSION



Water Storage Integration Workgroup

NID
Centennial
Project

Sites JPA –
Sites
Reservoir

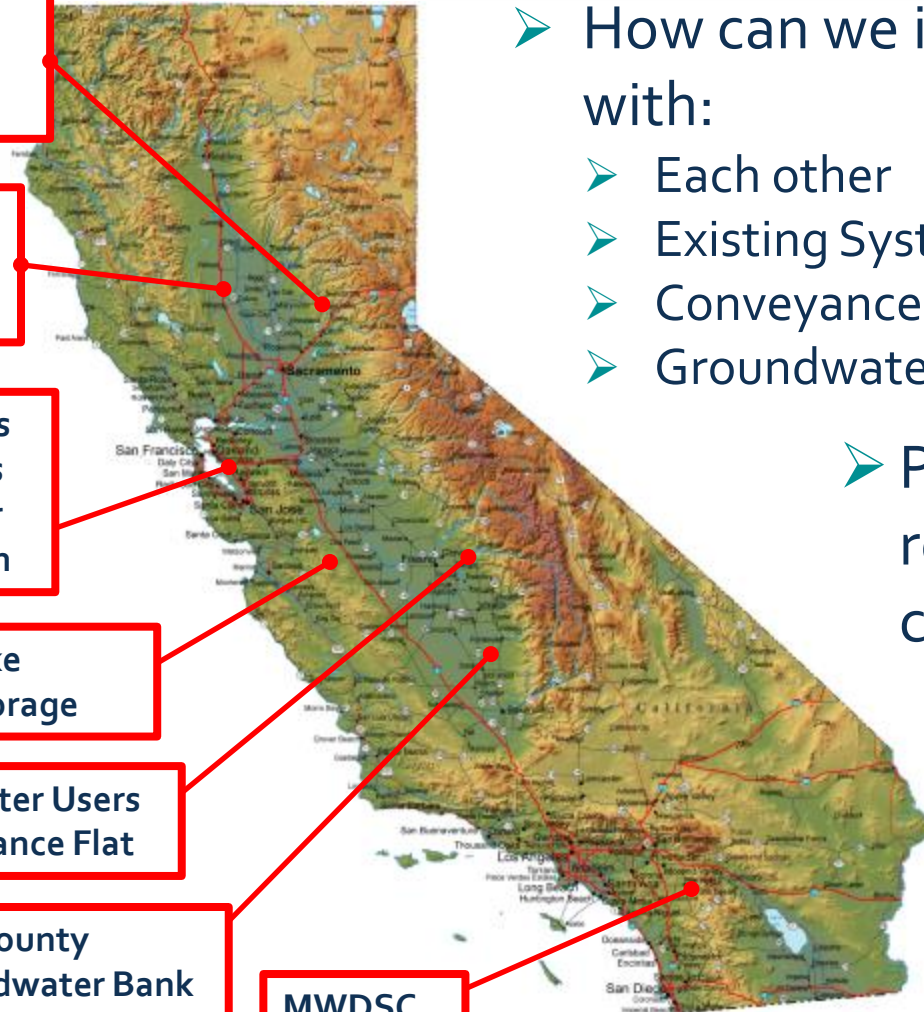
CCWD Los
Vaqueros
Reservoir
Expansion

SJWSD Lake
Bottom Storage

Friant Water Users
– Temperance Flat

Kern County
Groundwater Bank

MWDSC



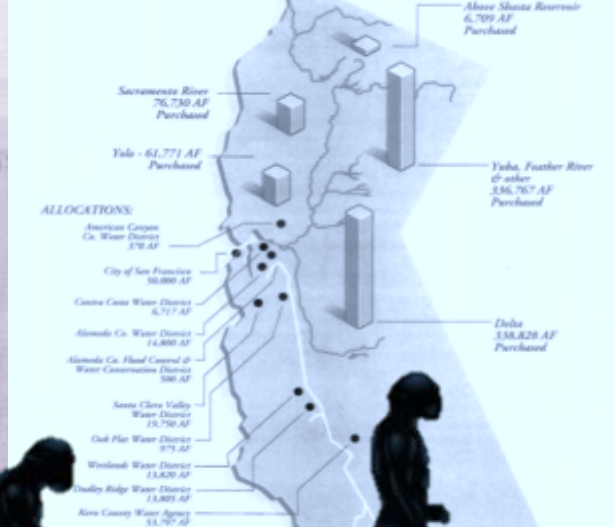
➤ How can we integrate these projects with:

- Each other
- Existing System
- Conveyance improvements
- Groundwater basins/SGMA

➤ Partners have pooled resources and hired a consultant

Quantitative report in Oct 2016 will reshape the infrastructure debate in CA

Evolution of the California Water Market



1980s –
Very Little
Market Activity

1990s –
Drought
Water Bank
and Market Growth

2000s –
Stability: Modest
amount of Transfers,
Handful of
Participants

Improving the Water Market

- Seeking improvements that:
 - Make information more accessible
 - Create a clearinghouse to provide easier access for buyers and sellers
 - Lower the transaction costs of completing a trade
 - Open up transfer corridors from sellers above the Delta to buyers below the Delta



Disadvantaged Communities: Nitrate Contamination

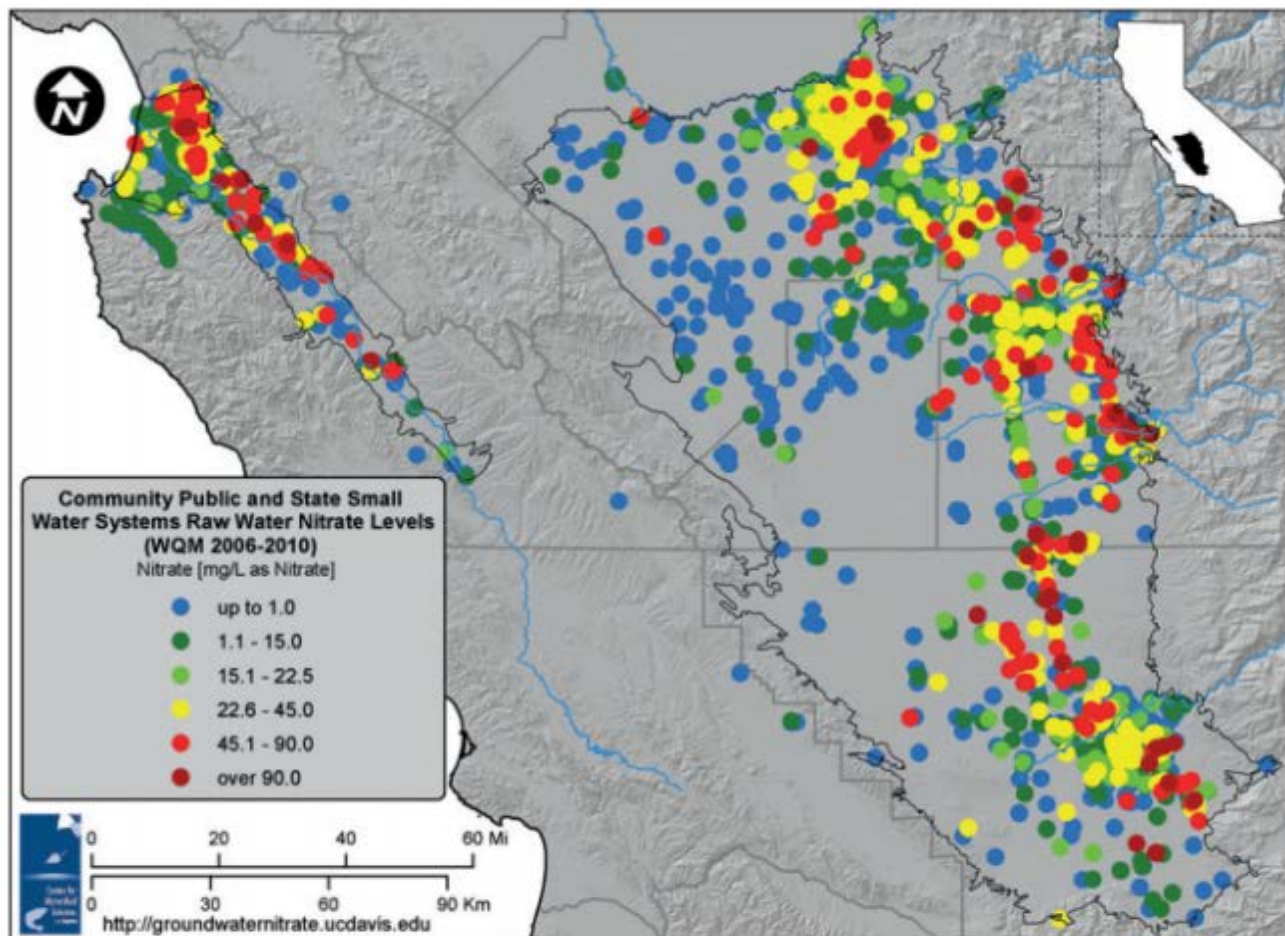


Figure 1. Maximum reported raw-level nitrate concentration in community public water systems and state-documented state small water systems, 2006–2010. Source: CDPH PICME WQM Database (see Honeycutt et al. 2011).

DACs Drinking Water Solutions

- ACWA members want to help identify solutions
- Task force and advisory committee formed
- Partners – including cities and counties – will be key



CA WaterFix: Key Component of Comprehensive Policy

- Delta conveyance solutions improve:
 - ✓ Storage
 - ✓ The Market
 - ✓ Drinking Water Quality
 - ✓ Habitat Investments
- Delta solutions must be part of a comprehensive plan to build broad support
- ACWA active on “No on Prop. 53”



The Next Generation



ACWA's past



ACWA's present

**We need to invest in
the next generation
of water managers,
starting now!**



ACWA's future

Questions?

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