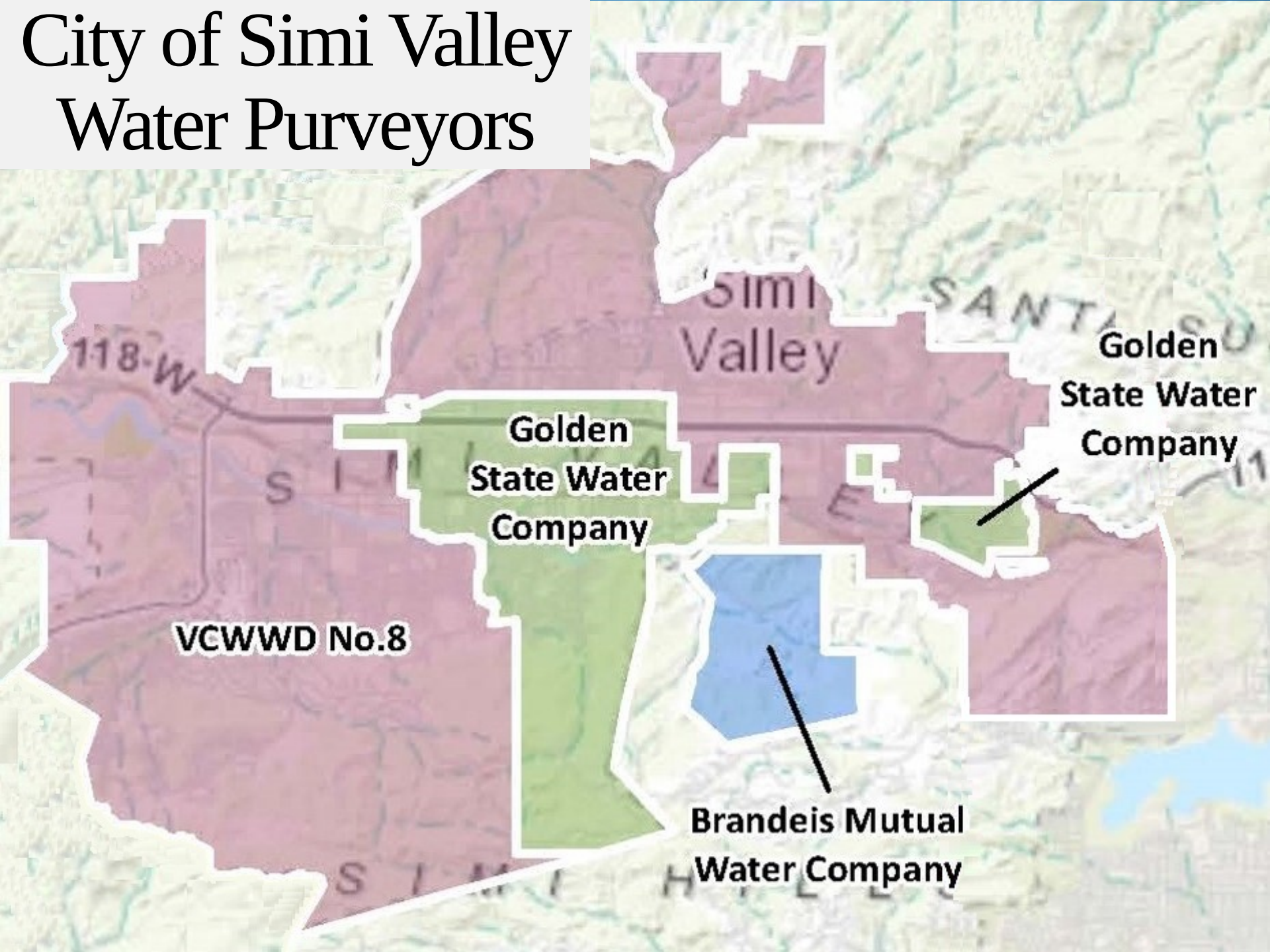
Water Supply News Update

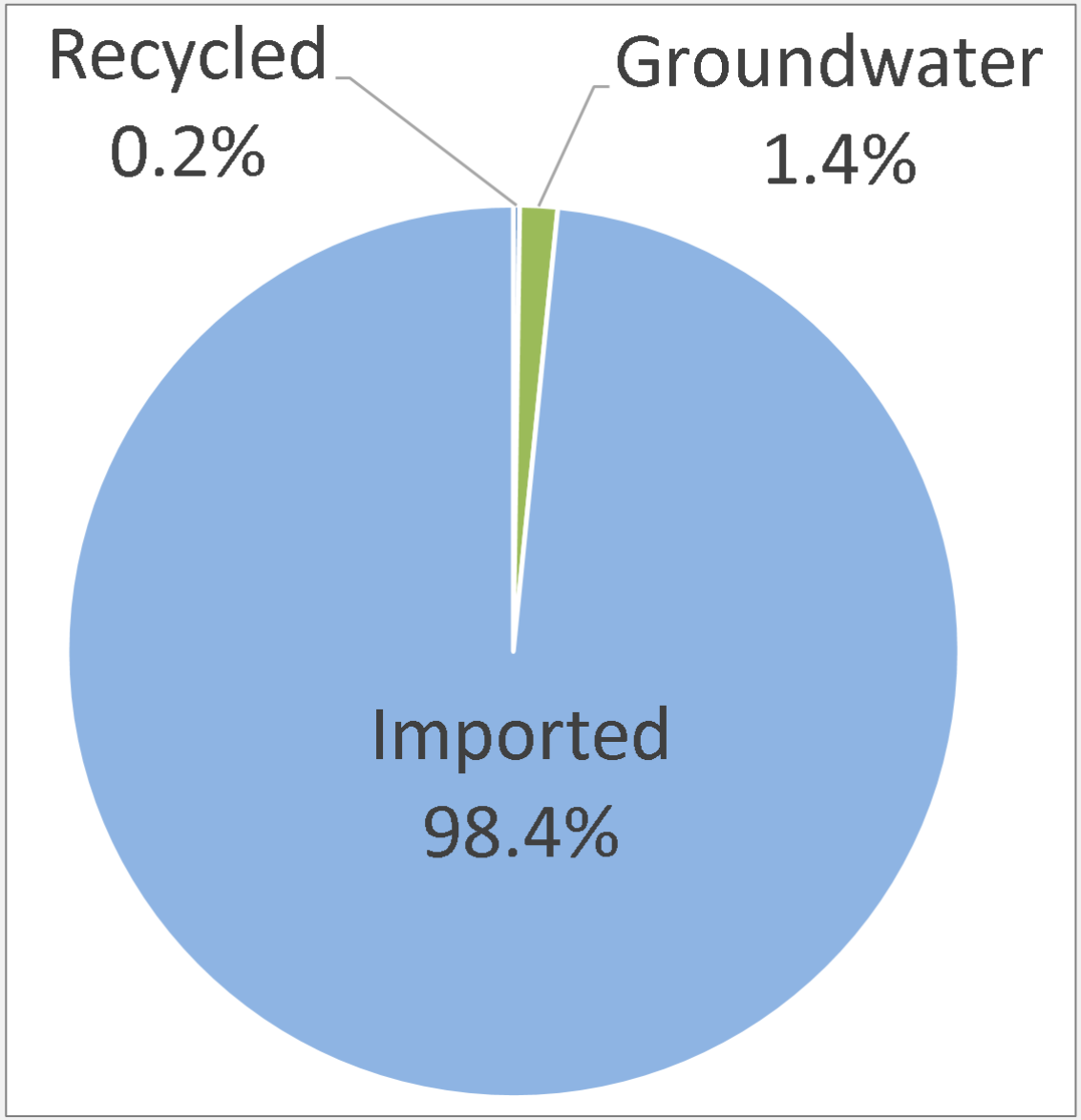
Simi Valley City Council Nov. 14, 2016

First, some background…

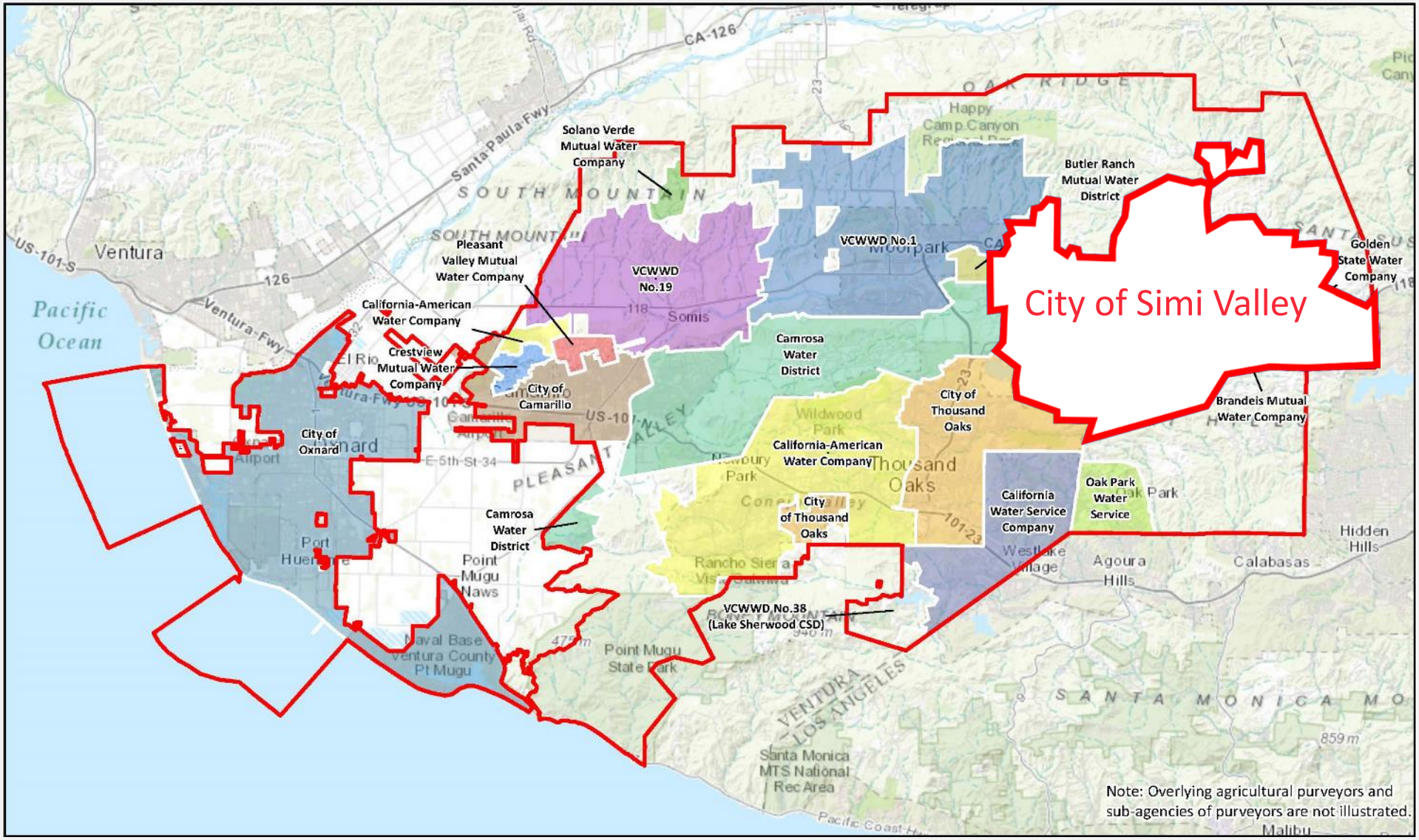
City of Simi Valley Water Purveyors



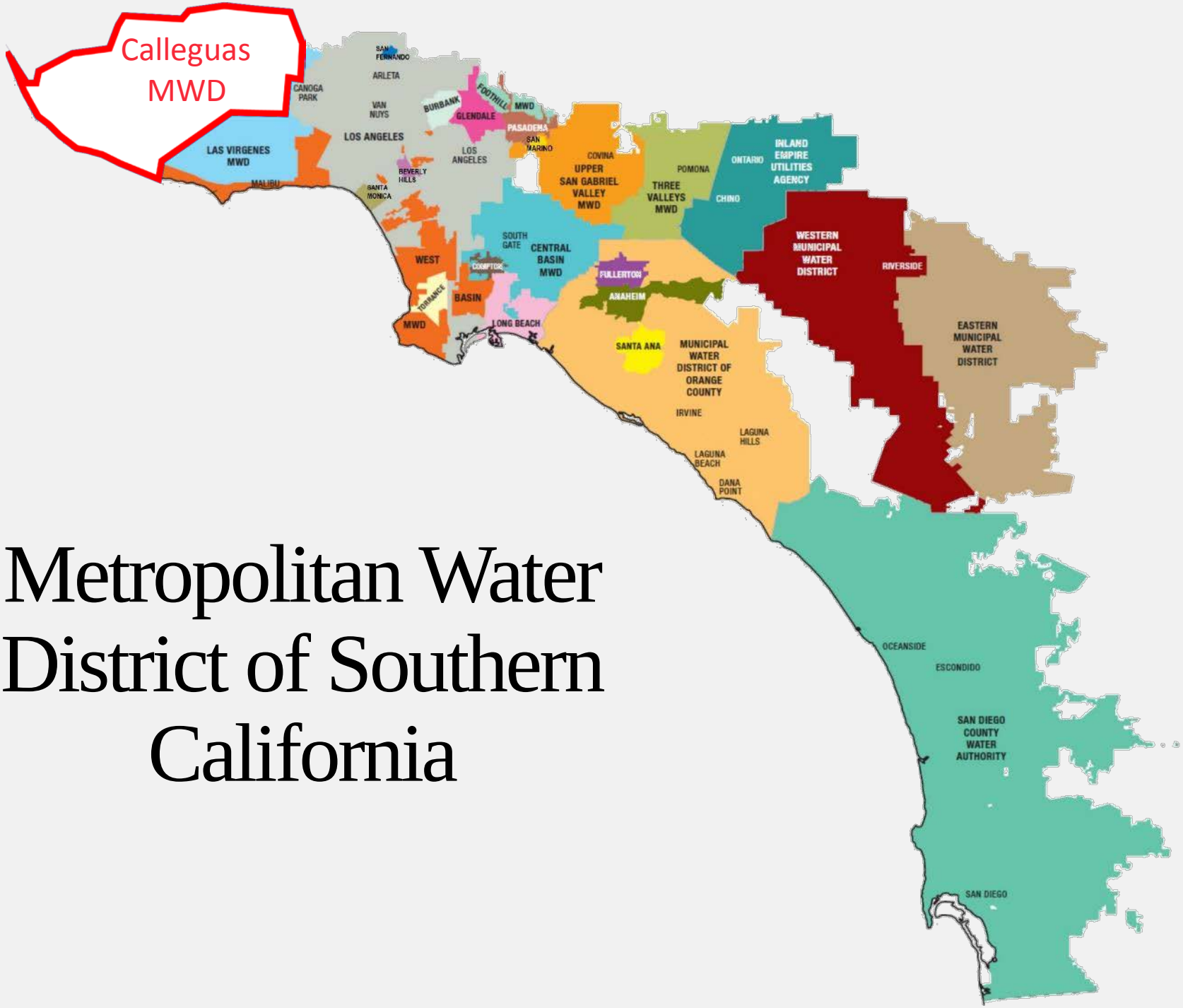
Simi Valley Water Supplies (2015)



Calleguas Municipal Water District



Metropolitan Water District of Southern California



So Cal Imported Water Supplies

News Update

Three record breaking years in California…

2013 - driest

2014 - hottest

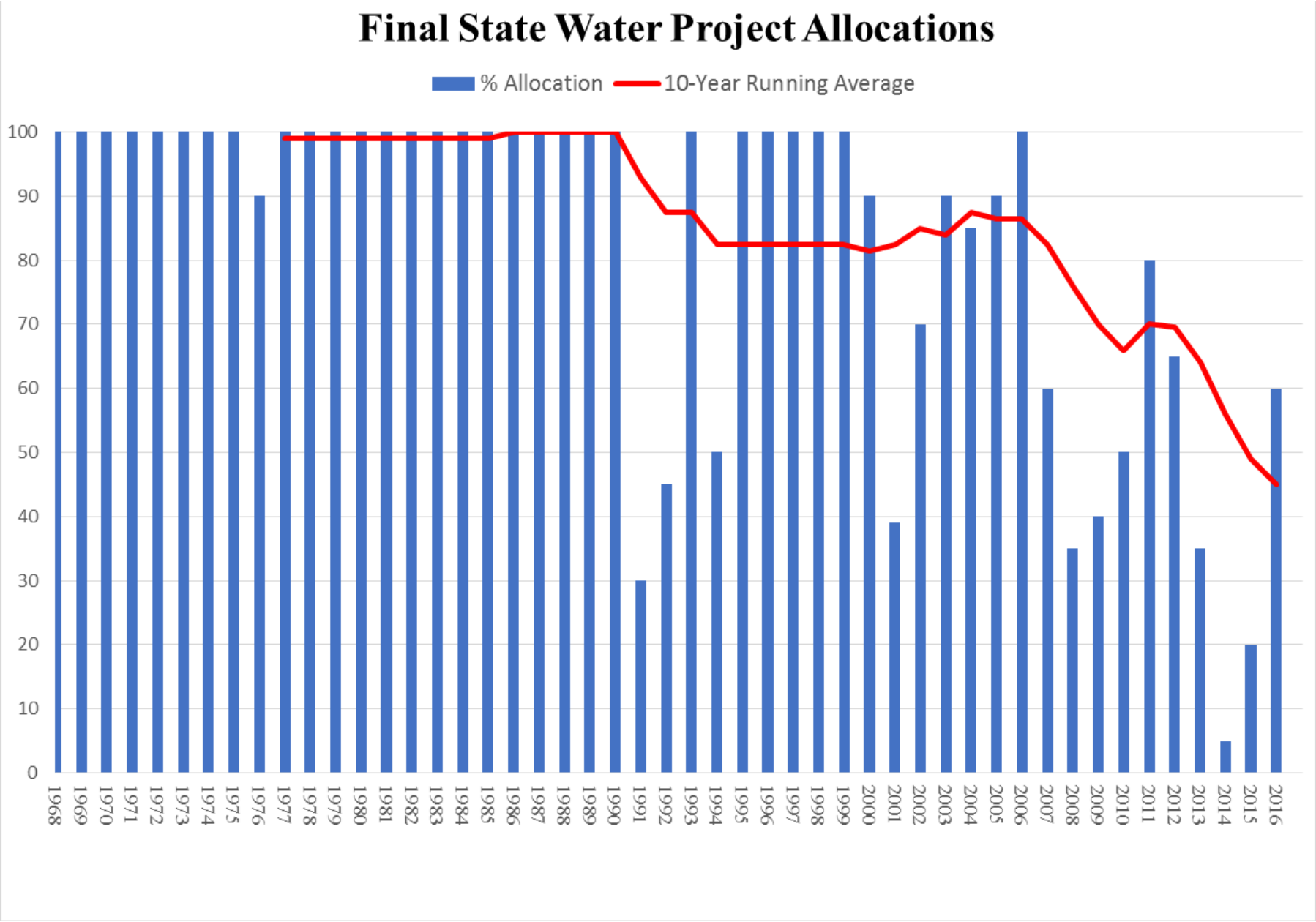
2015 - lowest snowpack

Los Angeles Times

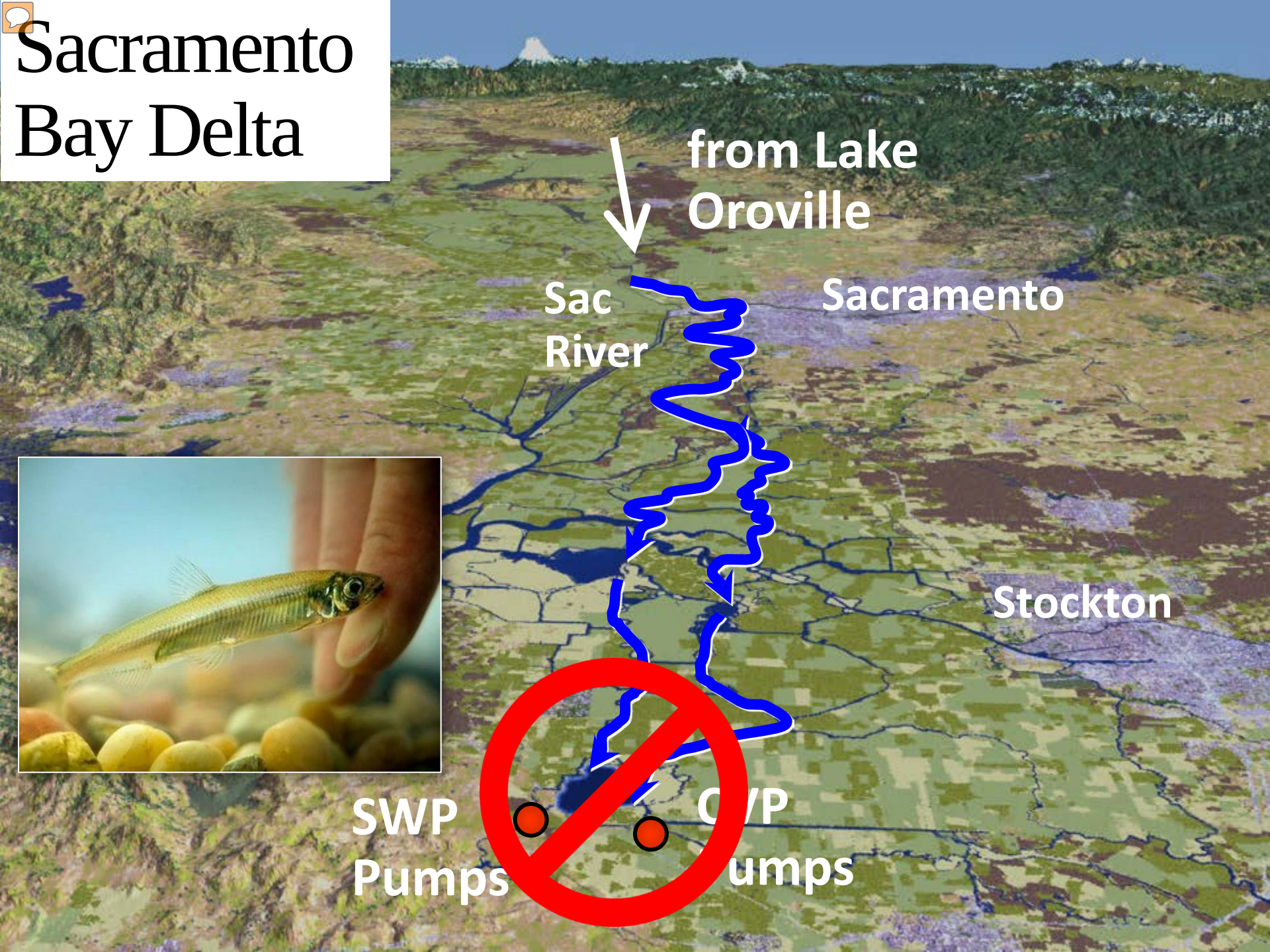
January 31, 2014

California drought prompts first-ever 'zero water allocation'

But we had already been losing supplies for a while



Sacramento Bay Delta



Los Angeles Times

May 14, 2015

L.A. getting no Owens Valley runoff for first time since 1913

The New York Times

APRIL 1, 2015

California Imposes First Mandatory Water Restrictions to Deal With Drought

Los Angeles Times

AUGUST 18, 2014

L.A. dramatically increases 'water cops' staffing as drought worsens

2016 - Finally, a normal snowpack year…

abc10

March 25, 2016

Oroville Dam releasing water over spillway for first time in five years

THE WALL STREET JOURNAL. *May 18, 2016*

California Lifts Mandatory Statewide Water Restriction

Removal of 25% cutbacks by urban districts marks turning point in the drought, but some limits remain

Big sigh of relief…

…not so fast,
there’s more…

THE SACRAMENTO BEE

April 16, 2016

Delta pumping to Southern California restricted despite rainy winter

"The fish agencies entirely botched the science this year. This is the kind of year they should have had the pumps on."

-- Jeff Kightlinger
General Manager, MWD

THE SACRAMENTO BEE

March 11, 2016

"It's inexcusable that pumping levels have been reduced without sufficient evidence of fish mortality."

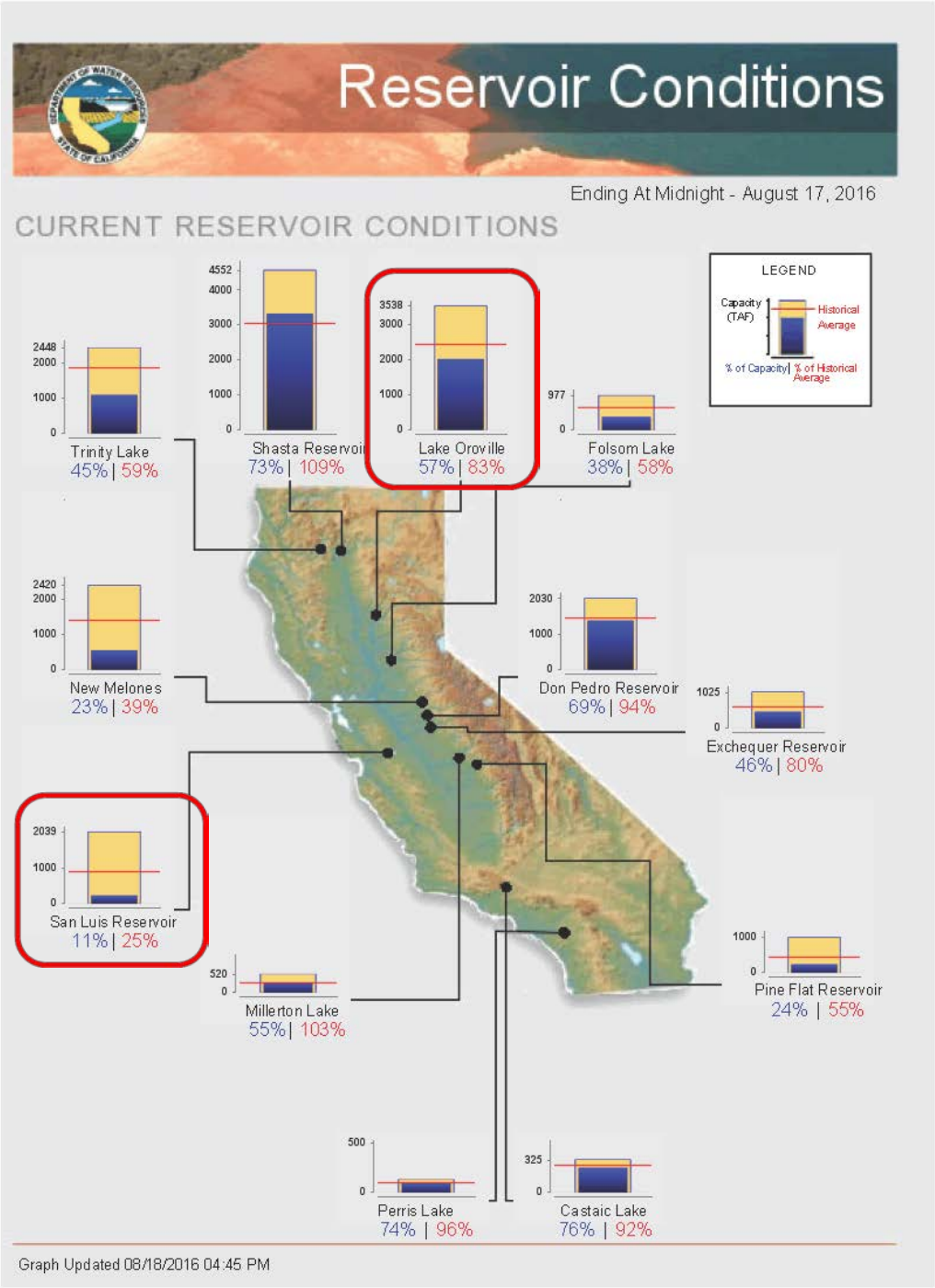
--Senator Dianne Feinstein

abc 30 ACTION NEWS KFSN-TV • FRESNO

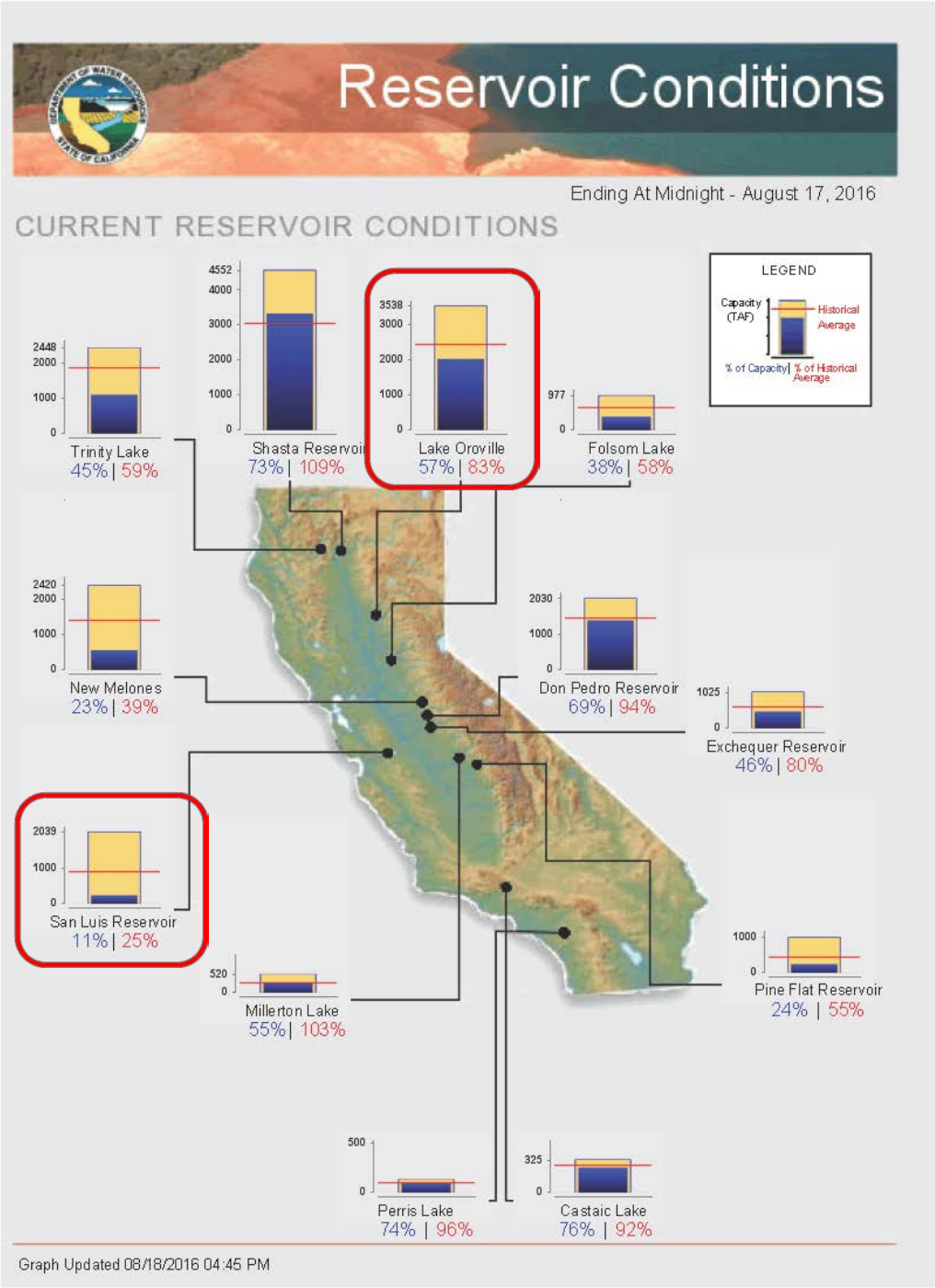
August 3, 2016

SAN LUIS RESERVOIR AT LOWEST LEVEL IN 25 YEARS

2016


Reservoir Conditions
Ending At Midnight - August 17, 2016
CURRENT RESERVOIR CONDITIONS
LEGEND
Capacity (TAF)
Historical Average
% of Capacity
% of Historical Average
Trinity Lake
45% | 59%
Shasta Reservoi
73% | 109%
Lake Oroville
57% | 83%
Folsom Lake
38% | 58%
New Melones
23% | 39%
Don Pedro Reservoir
69% | 94%
Exchequer Reservoir
46% | 80%
San Luis Reservoir
11% | 25%
Millerton Lake
55% | 103%
Pine Flat Reservoir
24% | 55%
Perris Lake
74% | 96%
Castaic Lake
76% | 92%
Graph Updated 08/18/2016 04:45 PM

2016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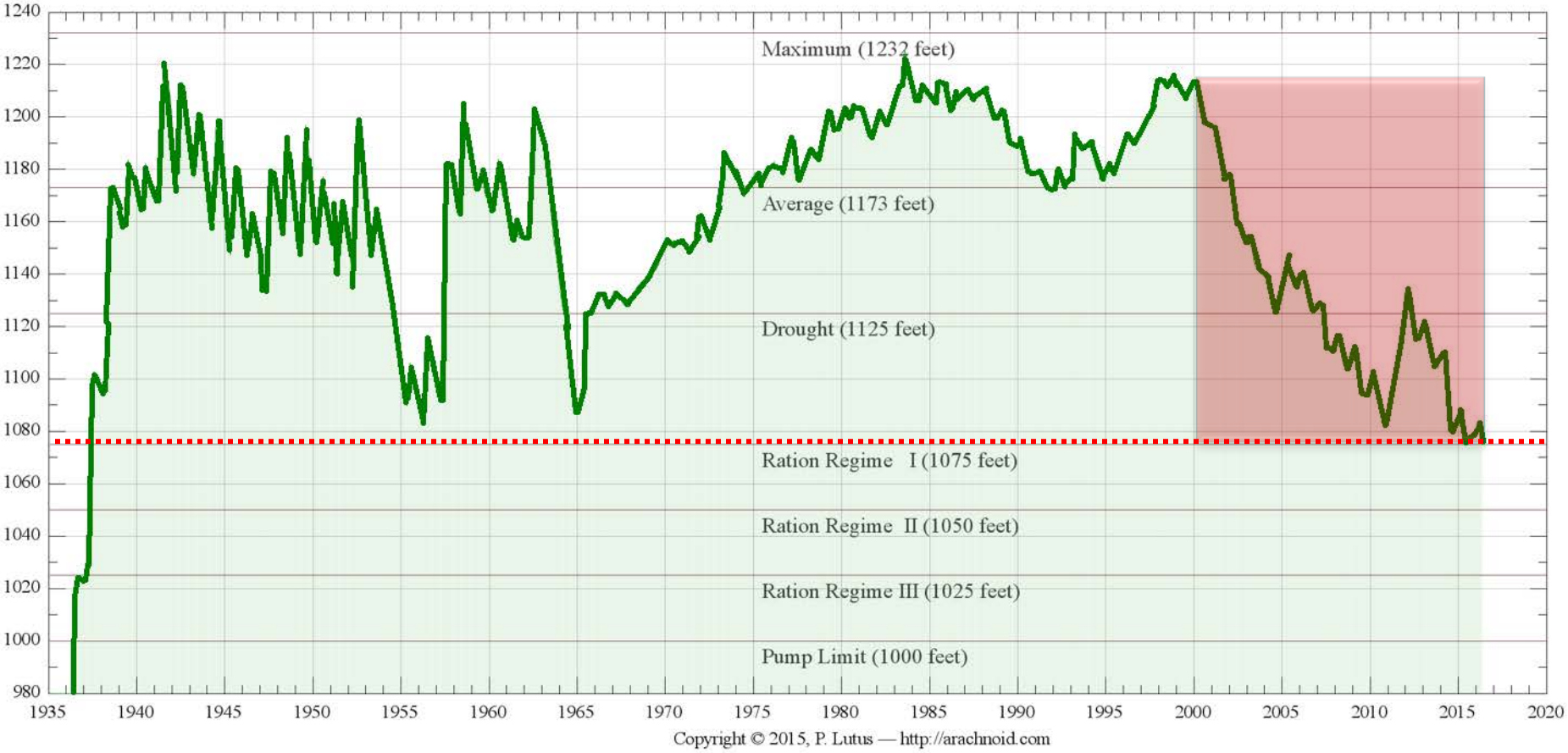
CBSNEWS

May 22, 2016

Lake Mead hits all-time low amid ongoing drought

Lake Mead Water Levels since 1936

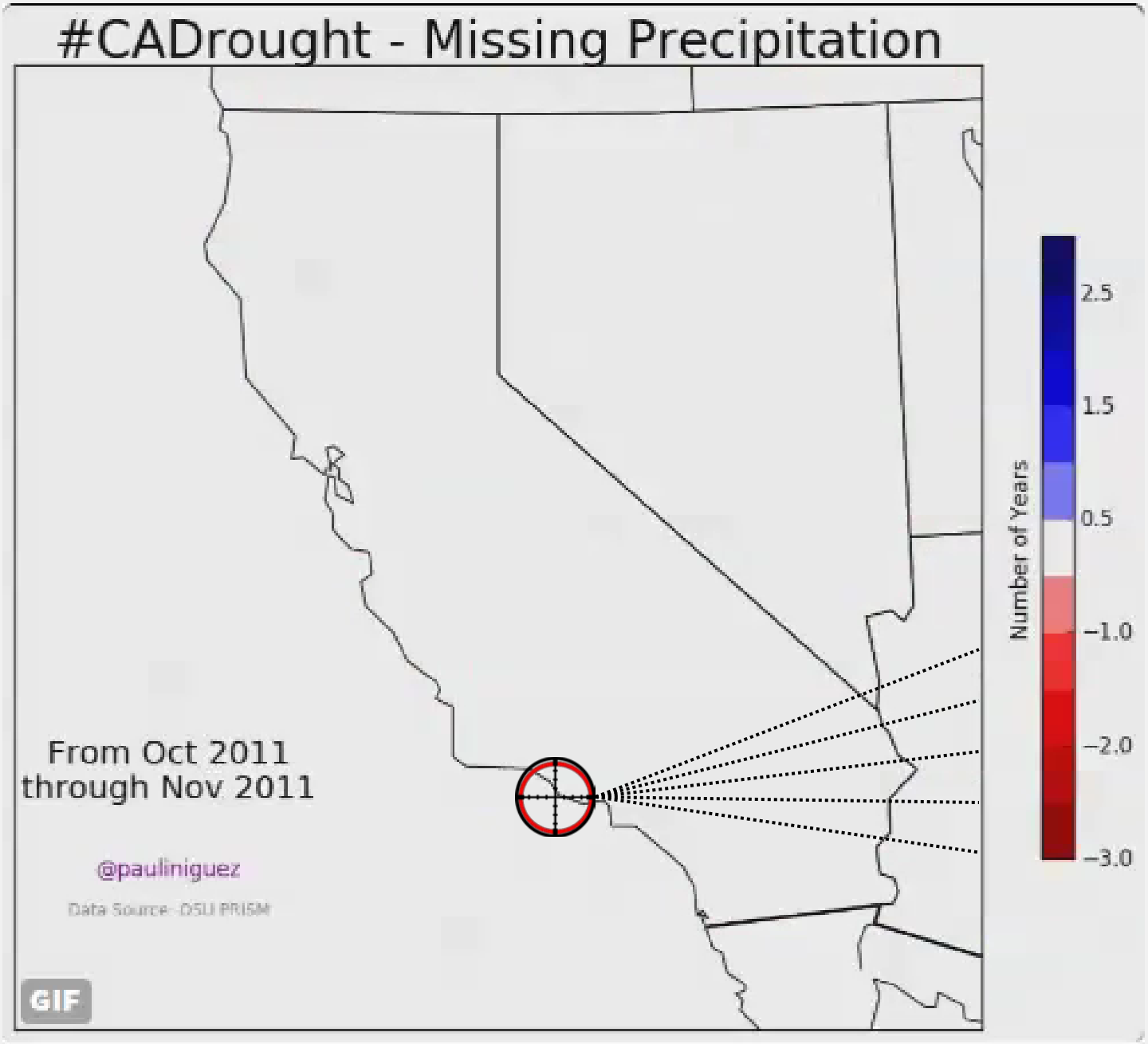


The Desert Sun

April 26, 2016

California weighs sharing “pain” of Colorado River cuts

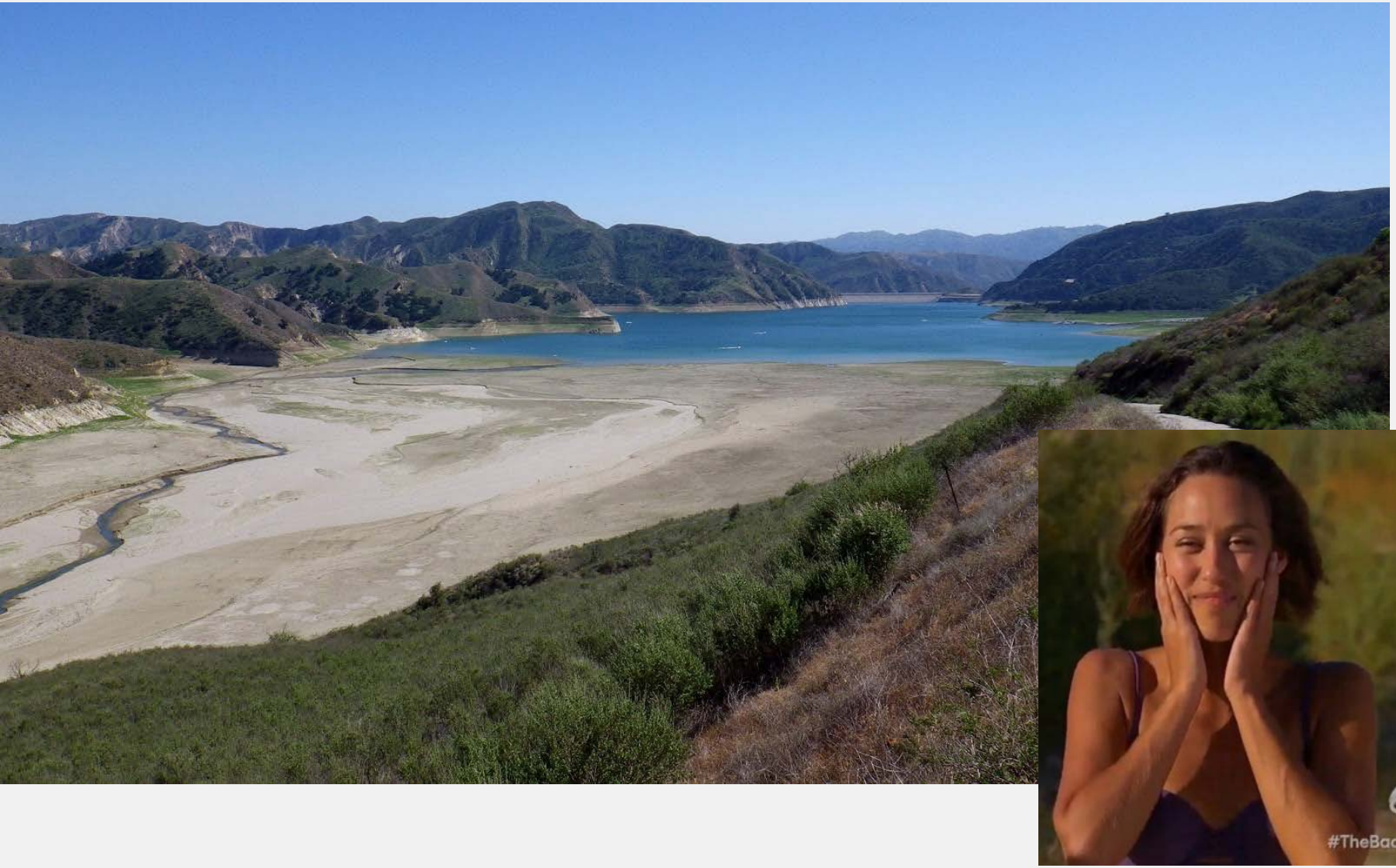
West Ventura County News


#CADrought - Missing Precipitation
From Oct 2011
through Nov 2011
@pauliniguez
Data Source: OSU PRISM
GIF
Number of Years
2.5
1.5
0.5
−1.0
−2.0
−3.0

VENTURA COUNTY STAR

Jan. 22, 2015

Contestant on “The Bachelor” calls Lake Piru a “dingy pond”



VENTURA COUNTY STAR

April 18, 2016

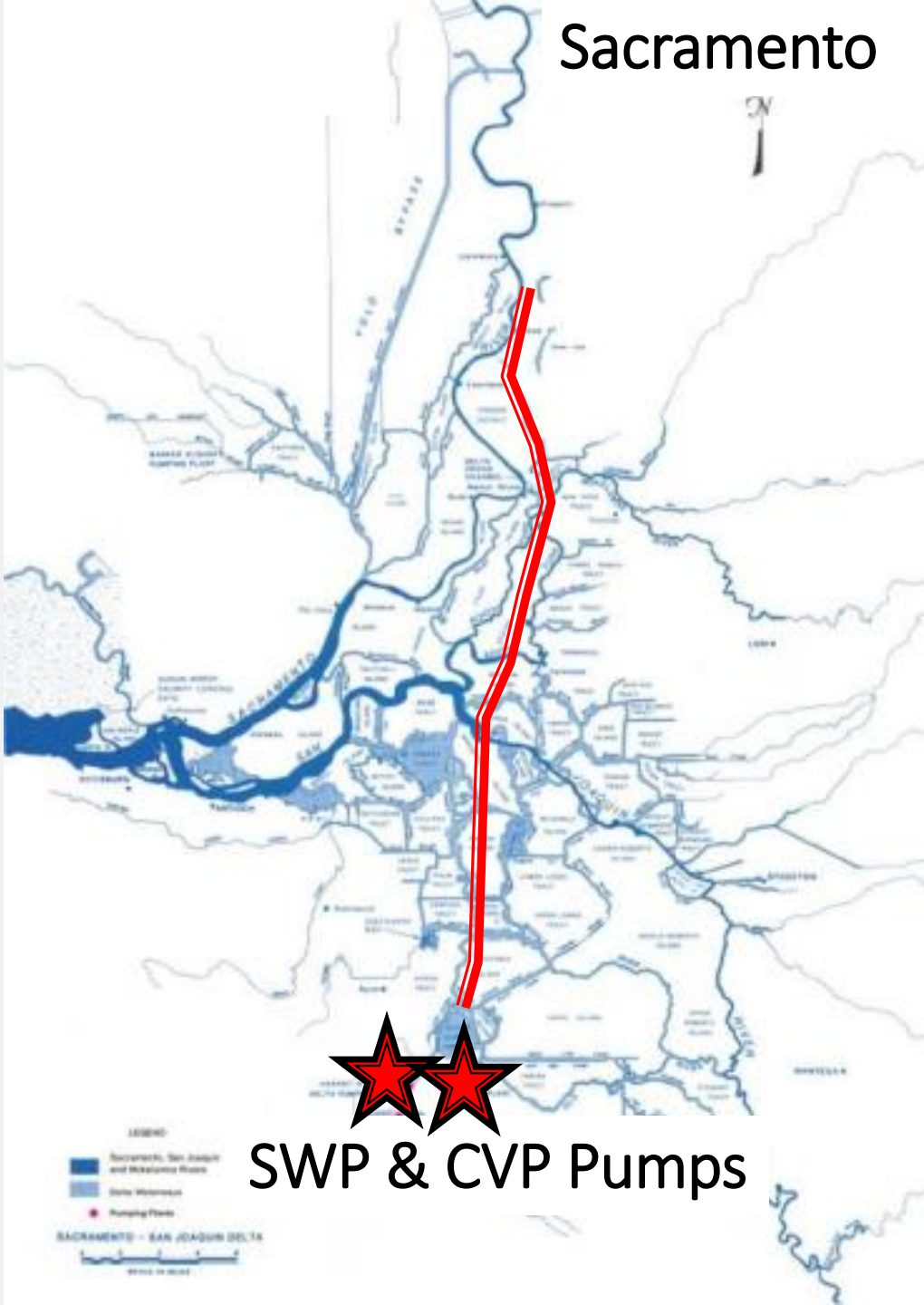
No rain could mean Lake Casitas runs dry in four years

What will the future bring?

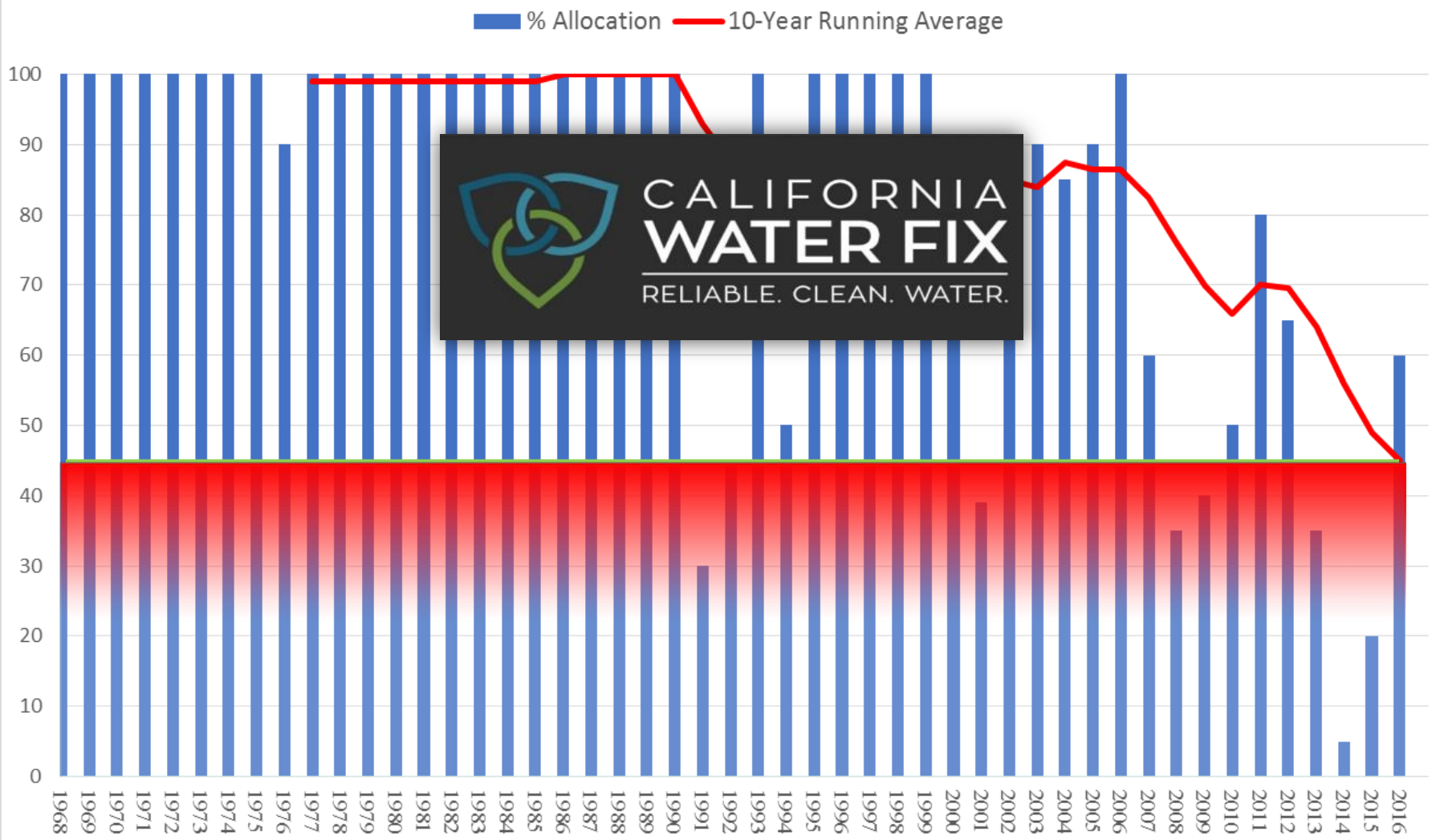
Delta tunnels

CALIFORNIA WATER FIX
RELIABLE. CLEAN. WATER.

- 2 tunnels, 40’ dia.
- Enables us to get water from the Sacramento River
- Less impact to native fish species
- More opportunity to capture high storm flows when they are available



Final State Water Project Allocations



Status

- Proposition 53 defeated
- Environmental documents to be finalized spring 2017
- Cost allocation to be determined in mid-2017
- Metropolitan Board to vote to proceed (or not) in mid-2017
- SWRCB to decide allowable diversion flows from Sacramento River in 2018

Recordnet.com
News worth sharing online

NOV. 9, 2016

What 'President Trump' might mean for Delta

"Believe me, we're going to start opening up the water so that you can have your farmers survive."

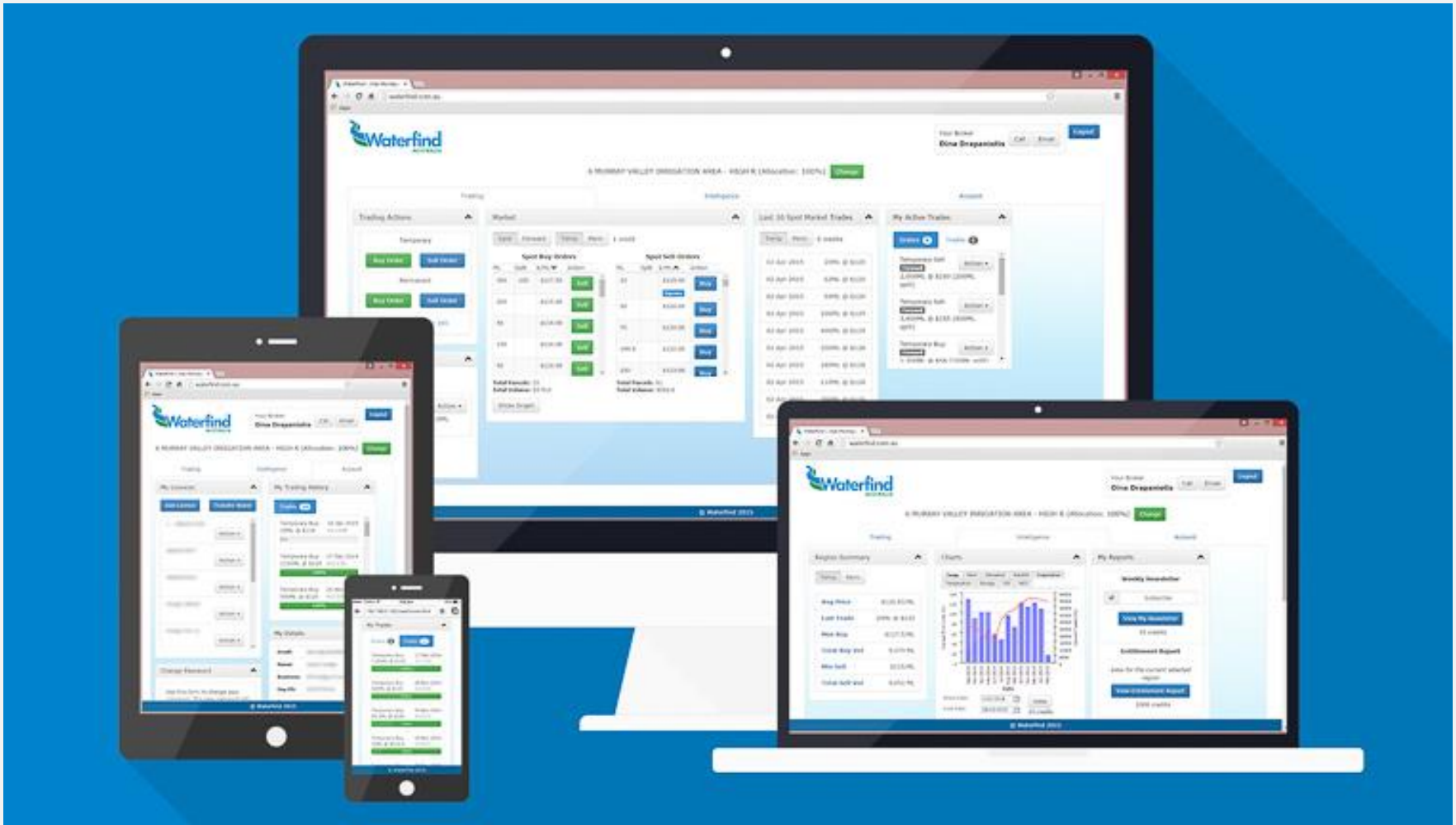
-- Donald Trump
May 2016

Water Markets

BloombergView

MAY 15, 2015

California's Future Is in Australia



THE SACRAMENTO BEE

March 12, 2015

As drought worsens, L.A. water agency offers cash to Sacramento Valley farmers

L.A. Water Agency's Desert Land Purchase Stirs Farmers' Fears

KQED News

March 25, 2016

NEVADA
HOOVER DAM
LAKE MEAD
CALIFORNIA
ARIZONA
LAKE HAVASU
COLORADO RIVER
CALIFORNIA AQUEDUCT
PARKER DAM
COLORADO RIVER AQUEDUCT
METROPOLITAN WATER DISTRICT SERVICE AREA
SALTON SEA
PALO VERDE IRRIGATION DISTRICT
PACIFIC OCEAN
MEXICO

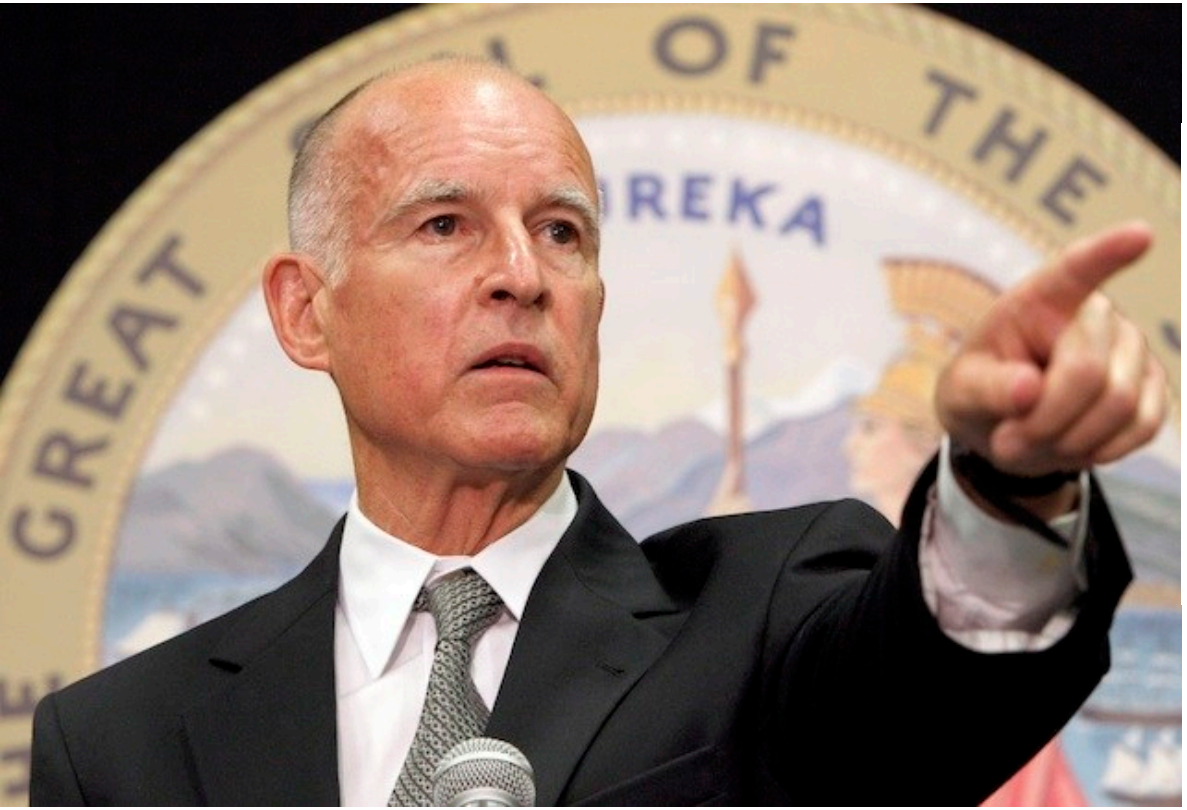
Association of California Water Agencies
Since 1910
Leadership • Advocacy • Information • Service

06/29/2016

Water Market Bills Advance in State Senate

Tighter State regulation of water use

EXECUTIVE ORDER B-37-16
MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE



IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 9th day of May 2016.

EDMUND G. BROWN JR.
Governor of California

Permanent, strict urban conservation regulation coming in January 2017

WATER DEEPLY

Sept. 19, 2016

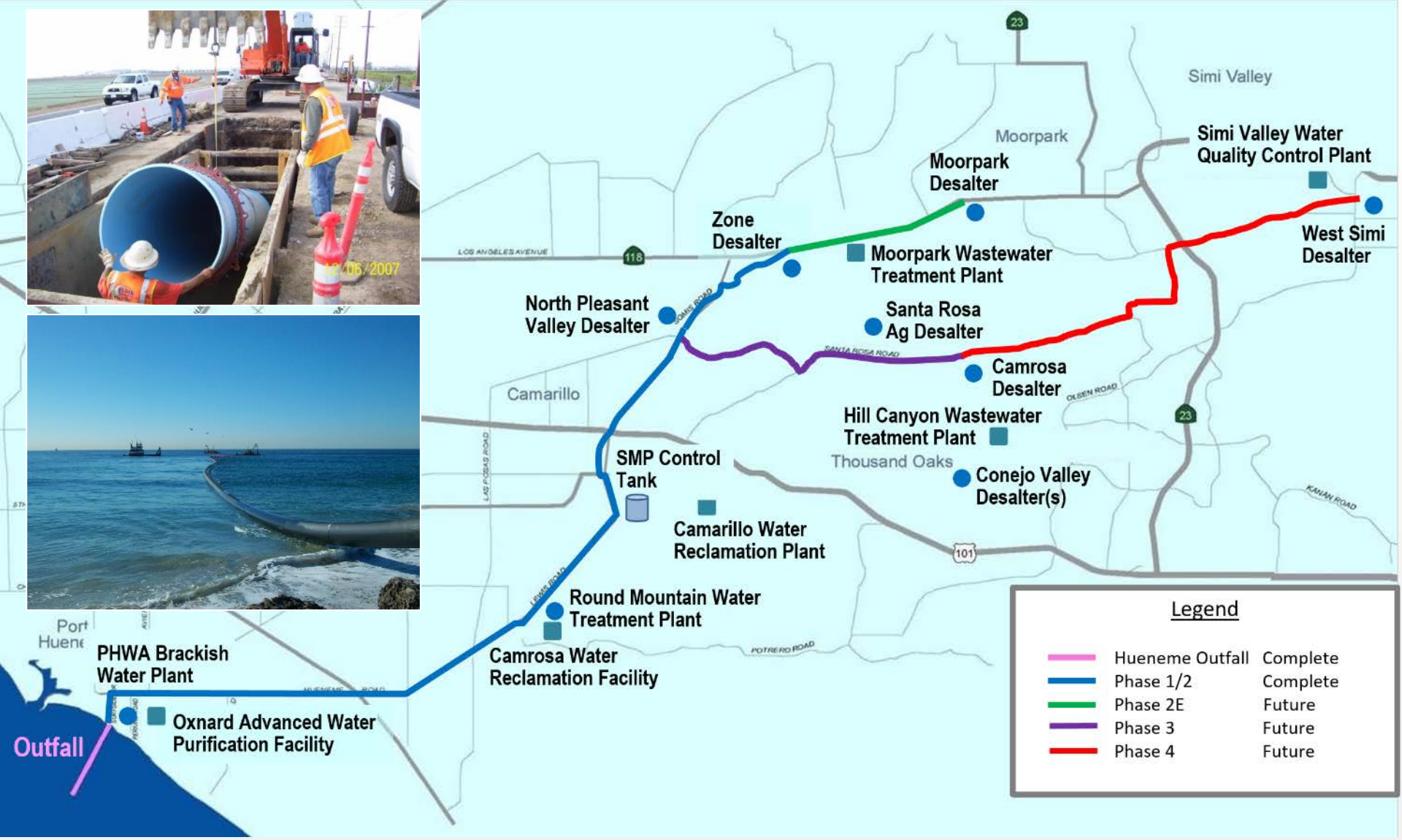
10 Things Max Gomberg Wants For California Water

- A large-scale expansion of recycled water and stormwater use.
- Rebounds in fish populations …through environmental flows and habitat restoration.
- The elimination of irrigated turf in ornamental landscapes.

Department of Water Resources

Model Water Efficient Landscape Ordinance: 2015 Revision

Brackish Groundwater Treatment



Salinity Management Pipeline and Groundwater Desalters

Port Hueneme Water Agency

Camrosa Water District

Camarillo Acorn

2016-10-14 / Front Page

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Water board votes yes on Camarillo desalter plant

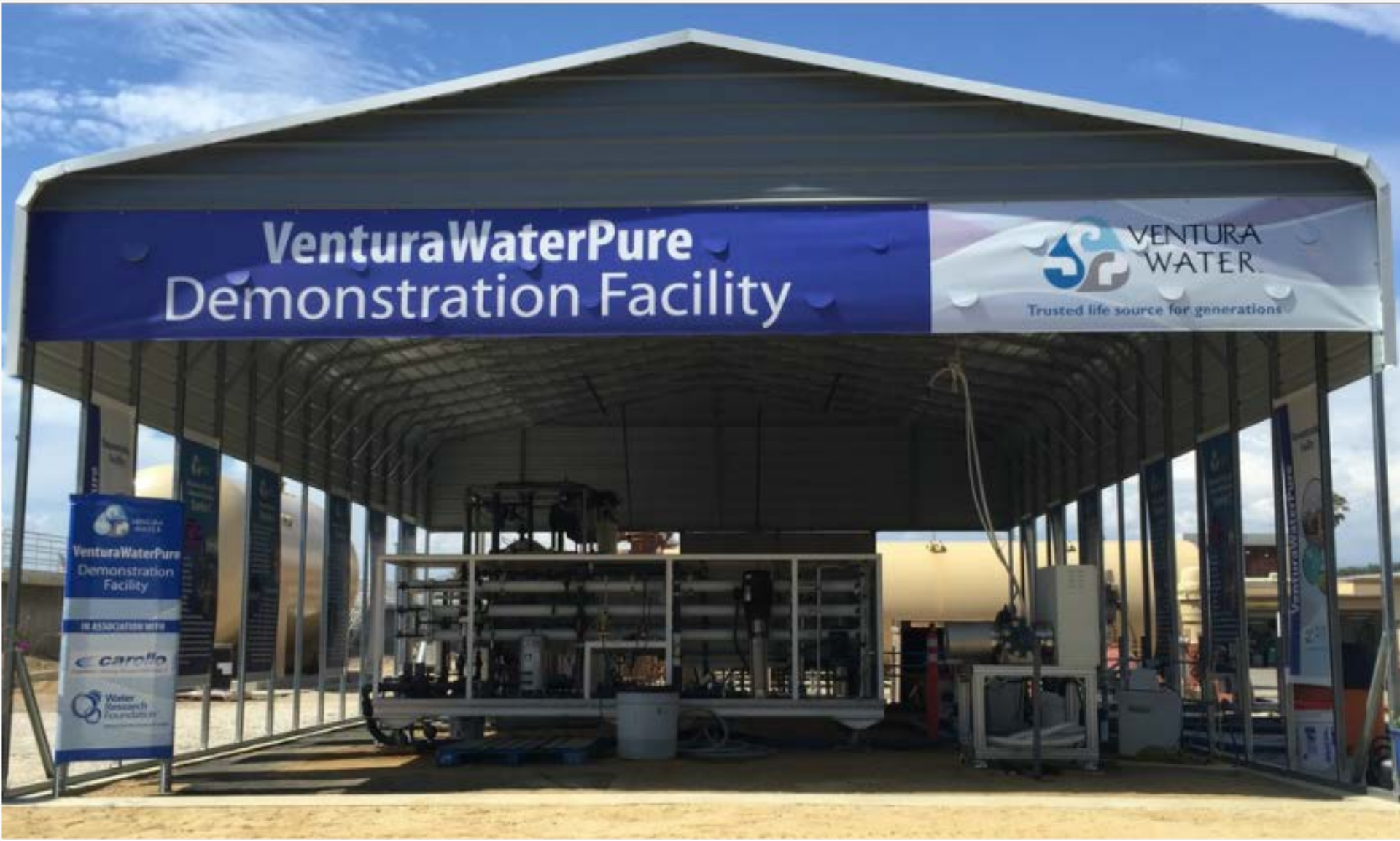
Facility slated to cost $30M

By Stephanie Sumell
ssumell@theacorn.com

The City of Camarillo has cleared another hurdle to building a desalter plant that would provide the city with clean, affordable drinking water.

The Fox Canyon Groundwater Management Agency board voted during its meeting Sept. 28, with David Borchard dissenting, to approve the project.

Potable Reuse


VenturaWaterPure
Demonstration Facility
VENTURA
WATER
Trusted life source for generations
VenturaWaterPure
Demonstration
Facility
carollo

carollo
engineers

West County Connection to State Project

Quotes in VC Star on connecting to State Project Water

October 23, 2016

"This is the first time we've been here in over 57 years. Now we're looking at that as another answer for relieving this drought, should we get to the bottom of the barrel at Lake Casitas."

Casitas MWD General Manager

"If everything goes according to plan, a connection could be completed in three years."

City of Ventura General Manager

Seawater Desalination

Carlsbad Seawater Desalination Plant

“Like it or not, we live in interesting times.

They are times of …uncertainty; but they are also more open to the creative energy of men than at any other time in history.”

Robert Kennedy
June 6, 1966