

Napa's Drinking Water Supplies:

Ensuring Sustainability

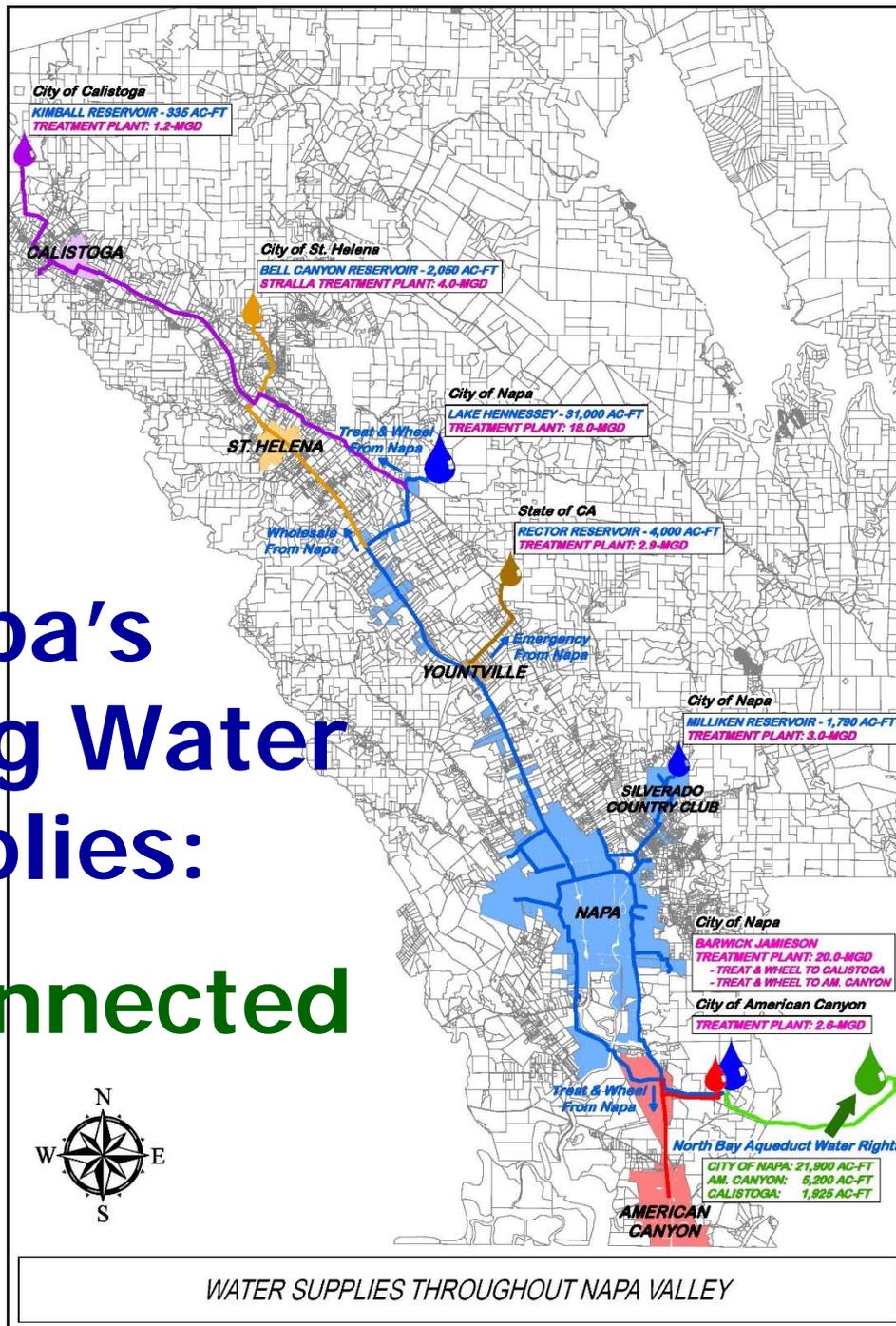
2015 Napa County
Watershed Symposium
May 15, 2015

Pat Costello

Water Resources Analyst



Napa's Drinking Water Supplies: Interconnected



Local Reservoir Status



4th Year of Drought, but...

Lake Hennessey FULL
31,000 Acre-Feet



Milliken Reservoir FULL
1,400 Acre-Feet



- **Strategic Operations**
- **Beneficial Rains**

State Water Project



4th Year of Drought, but...



Carryover Water

Unused from prior years

25% Allocation

'North of Delta'



Area of Origin (Advanced Table A)

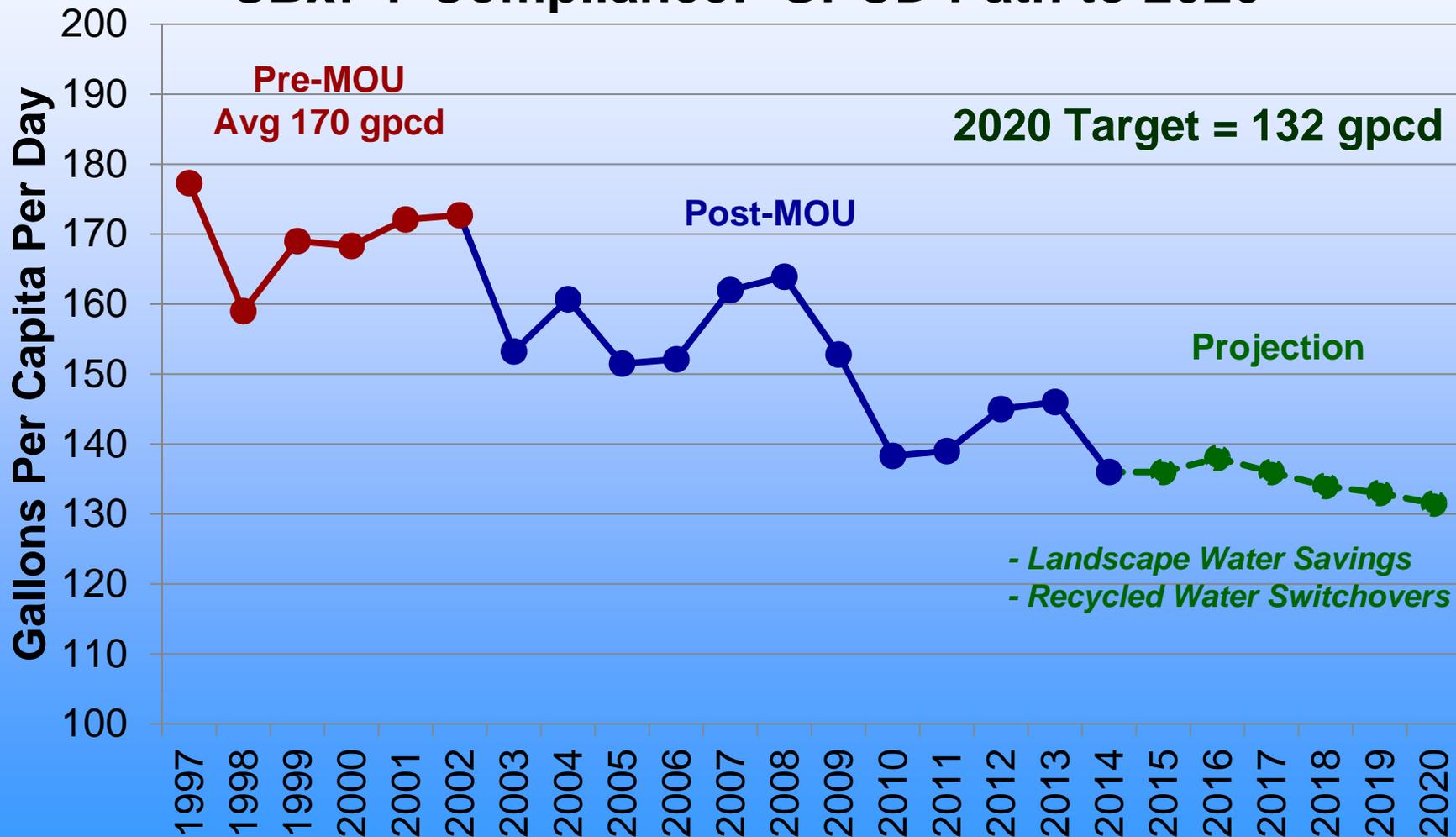
Reserve Account of 29,600 Acre-Feet

- **Improved SWP Reliability for Napa County?**
- **2015-16: Let it Snow! Let it Snow! Let it Snow!**

Long-Term Demand Reduction



SBx7-7 Compliance: GPCD Path to 2020

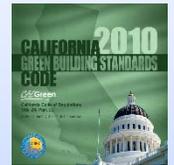


Conservation Laws & Standards

New Development

High-Performance Building Regulations

'Green Building'



Water Efficient Landscape Ordinance

WELO: another update this summer!



Water Offset Requirement

Reduce or eliminate water footprint



Evolving Appliance Standards



Conservation Incentives

Prop 84 IRWMP Grant-funded:



Free Irrigation Scheduling App



High-Efficiency Toilet Rebates



“Cash for Grass” Turf Replacement Rebates



Water-Wise Home & Business Surveys



Clothes Washer Rebates



Rain Garden & Rain Barrel Rebates (Pilot)



Free Water-Saving Devices



Conservation Education !

Public Workshops since 2002

Fall 2012 Water-Wise Landscaping Workshop Series

6:30 – 8:30 pm

Mondays: Pelusi Building, Kennedy Park, Napa

Wednesdays: Long Meadow Ranch Winery,
738 Main Street, St. Helena

SPRINKLER SMARTS

September 10th (Napa) or 12th (St. Helena)

Layout and maintain system for best water efficiency.
Take control of your controller to reduce water bills.

DECIPHERING DRIP

September 17th (Napa) or 19th (St. Helena)

Resolve the mysteries of drip irrigation.
Get hands-on practice with drip system components.

SOILS, RAINWATER, AND MORE

September 24th (Napa) or 26th (St. Helena)

Learn the importance of soils, amendments, mulching.
Capture rainwater for irrigation; design a rain garden.

PERFECT PLANT PICKS

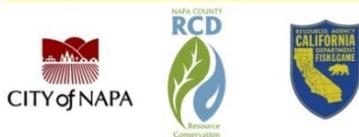
October 1st (Napa) or 3rd (St. Helena)

See how drought-tolerant is colorful and beautiful.
Dozens of plants on display, including California natives.

All workshops are **FREE**.

Water-saving tools, literature, door prizes!
Learn about water-wise rebate incentives!

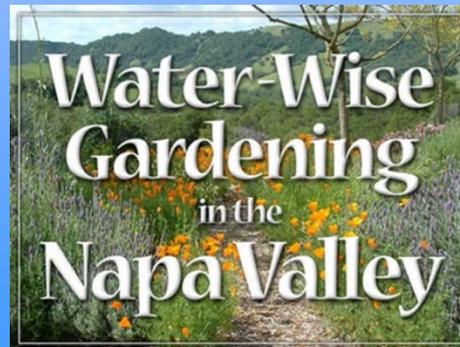
To Register: Call 252-4188 x116
or Email frances@naparcd.org



Special thanks to UC Master Gardeners.



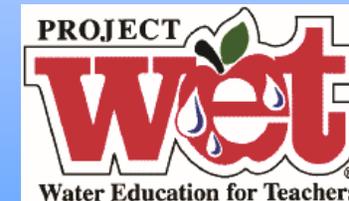
CD/Web Site since 2004



Landscaper Training, Garden Tours since 2010



Teacher Training since 2013



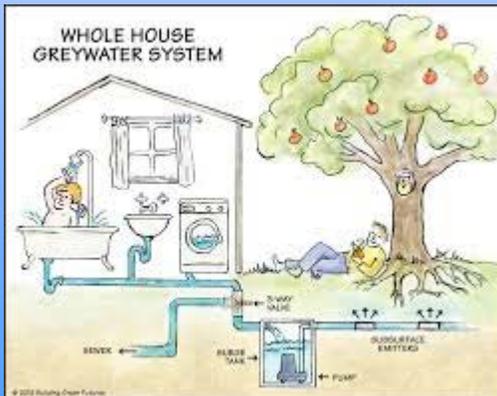
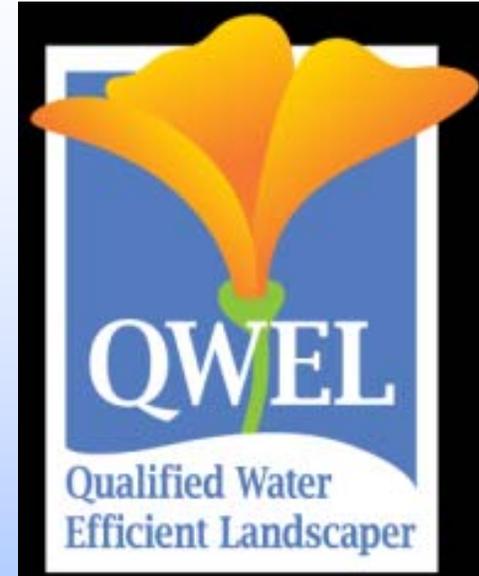
Community Events



Education Needs

**Qualified Water Efficient
Landscaper Training**

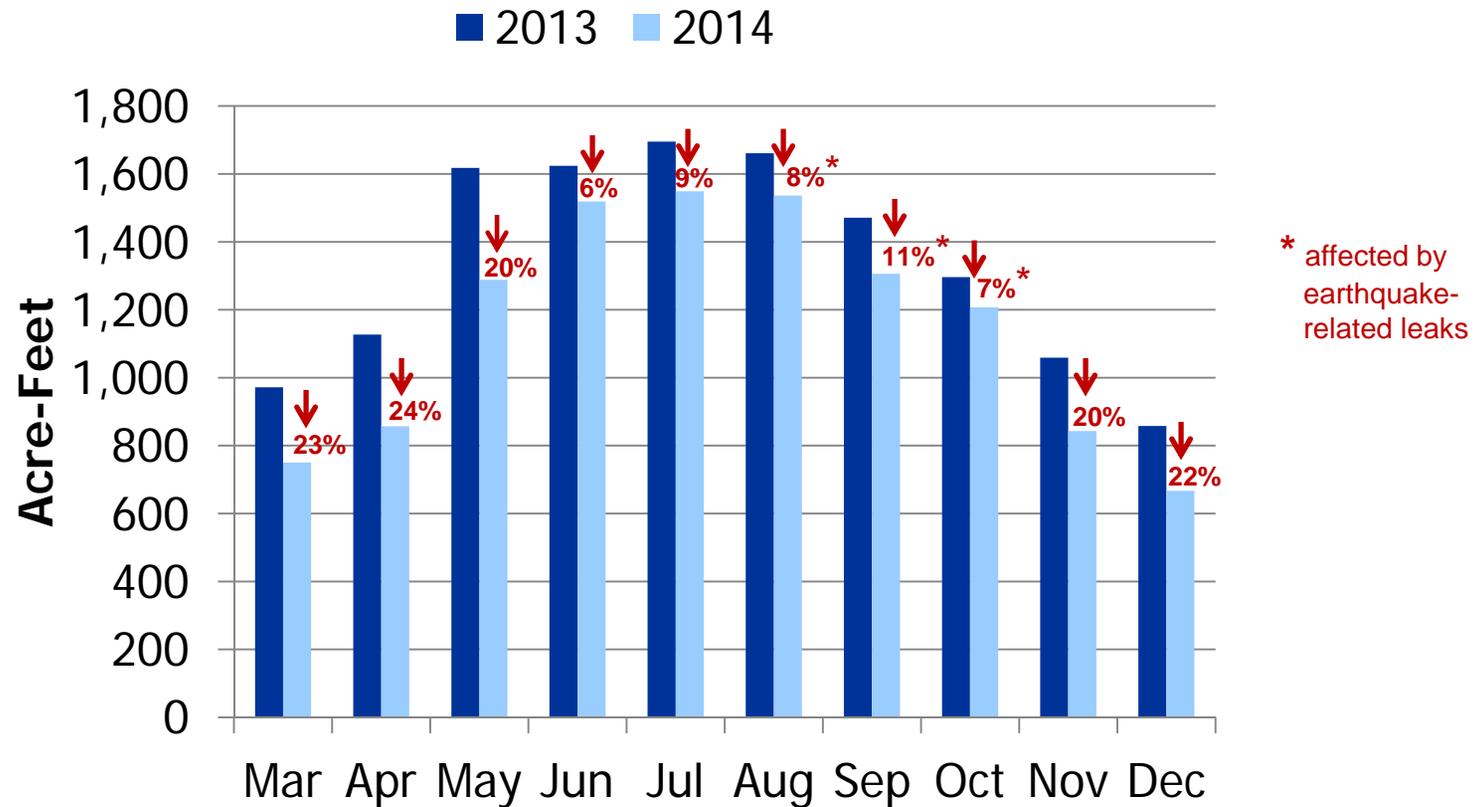
Gray Water Workshops



**Continue and expand
partnerships
e.g., UC Master Gardeners**

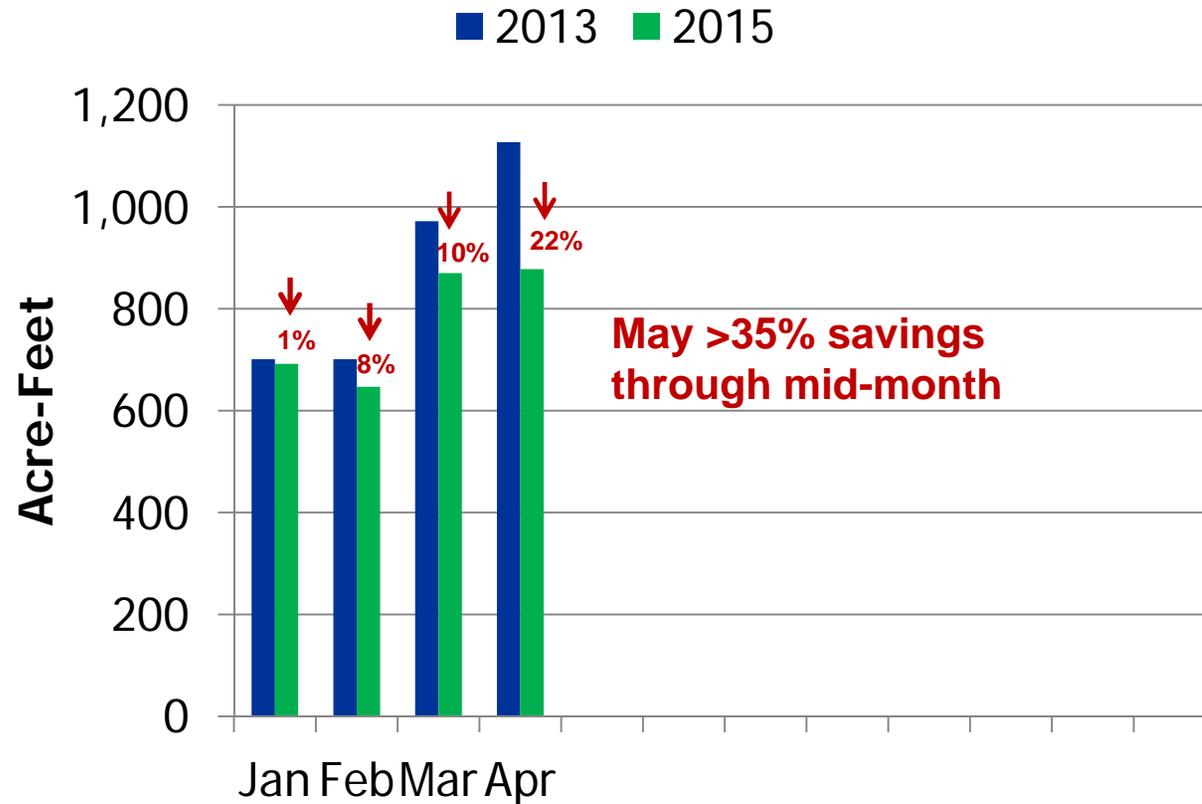
City of Napa Drought Response

Water Use 2014 vs. 2013



CY 2014: Lowest annual water use since 1995 !

City of Napa Drought Response Water Use 2015 vs. Base Year 2013



State-Mandated Target 20% (June 2015-Feb 2016)



To DO List:
 Turn sprinklers off
 Mulch around trees
 Fix leaky toilet
Visit ↘ ↙, California

CA

KEEP SAVING  **CA**
saveourwater.com

Save Our
Water



Help Napa Save 20%!