



**CalWEP**  
**Peer to Peer Conference**  
**May 15, 2019**





# Challenges

- Still many unknowns at this time
  - Standards
  - Increased staff and budget (program & infrastructure & maintenance)
  - Enforcement
- Uncertain 20% savings goal
  - What if CA is already relatively efficient?
- Media and customer communication
- Local versus state implementation scale
- State staffing capacity and timeline

**It's Now Against The Law In California To Shower And Do Laundry On The Same Day**

ZeroHedge.Com blog posted June 3, 2018

# THE MAGIC CERTAINTY BUTTON



↑  
[DOESN'T EXIST]



# What are we doing now?

- Conservation Regulation (SB 606/AB 1668) Development
- Aerial Imagery Analysis
- UC Davis *SmartLandscape* Project
- CalWEP Conservation Legislation Compliance Tool
- Regional Program Pilots
- Monthly Data Reports
- Public Outreach/Communications



# Conservation Regulation Development

- Water supplier water budgets
  - Reporting starts in 2023
  - Get involved! DWR, SWB, ACWA, CalWEP, & Agency meetings
- Drought planning improvements
  - Water Shortage Contingency Plan Standards
  - Included in 2020 Urban Water Management Plans
  - Coordinate plan actions in the region?

Stage	Percent Reduction
1	Up to 10%
2	Up to 20%
3	Up to 30%
4	Up to 40%
5	Up to 50%
6	Greater than 50%



# Aerial Imagery Analysis

- Purchased 2018 imagery in coordination with SACOG
- Next step-Analysis of imagery
- Coordination meetings in January & February 2019
- Pilot residential water budget areas
- Staff training on how to create/understand water budgets
- Release RFP in May/June 2019
- 6 months - 1 year project timeframe
- Provide feedback to State's process



# UC Davis *SmartLandscape* Project

- California Center for Urban Horticulture
- Urban landscapes research
  - Irrigation technology
  - Irrigation design
  - Landscape management practices
  - Variety of plant materials
- Test landscape budgets versus landscape watering need
- Student participation
- Summer 2019 start, multi-year project





BE WATER SMART

# CalWEP Compliance Tool

- Joint agency project organized through CalWEP
- Create a compliance tool for SB 606 and AB 1668
- Proposal from David Mitchell (M.Cubed) and Tom Chestnutt (A&N Technical Services)
- Project Cost: \$200,000
- “Pass the hat” funded
- Collected so far: \$107,000 with more 3 agencies to join
  - Western, Sonoma Water, Solano County, Santa Barbara, Inland Empire, MDOC, Santa Clarita, Upper San Gabriel, and RWA
  - Interested? Contact Mary Ann at [maryann@calwep.org](mailto:maryann@calwep.org)





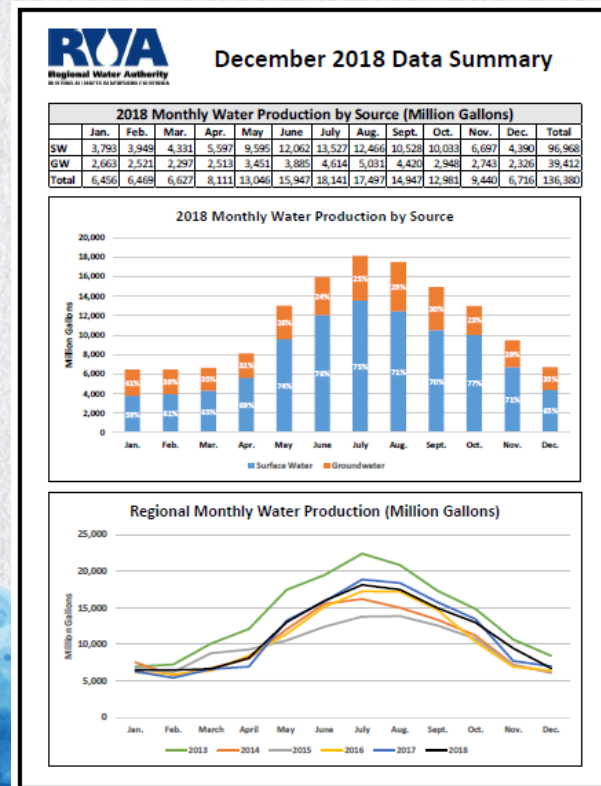
# Regional Program Pilots

- Goal: Establish turnkey indoor and outdoor efficiency programs
  - Managed by RWA
  - Ramped up or down on need/compliance
- Indoor Fixture Direct Installation
  - Multifamily/CII focused
  - Grant funded (\$4M) over last 5 years
- Smart Controller Distribution/Optional Direct Installation
  - \$110,000 Budget for Pilot
  - Summer 2019
  - Regional Partners



# RWA Monthly Data Reports

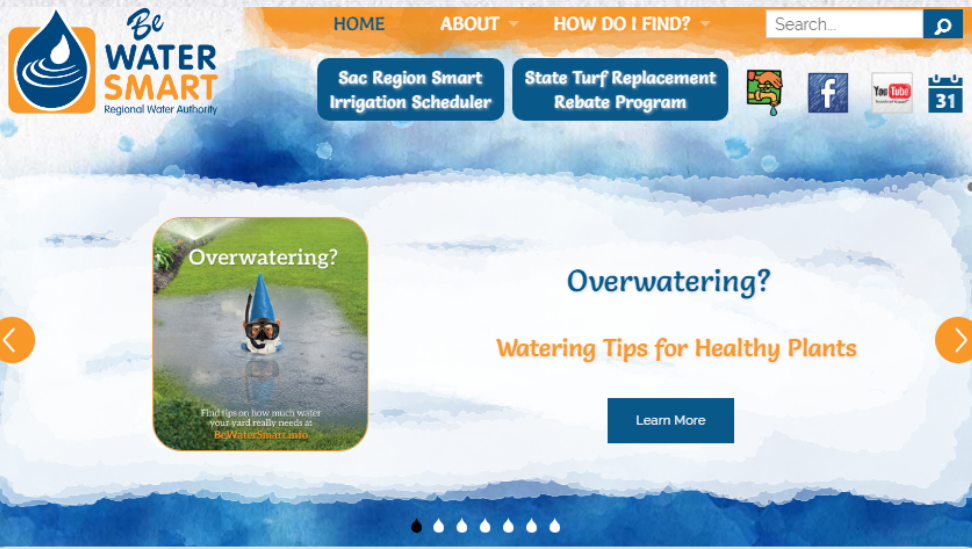
- Collects production (by water source) and residential gallons per capita per day (R-GPCD) data each month
- Distribute monthly summary report
- Multiple uses
  - Grant applications/reporting
  - Water supply planning
  - Public outreach messaging
  - Media Response
  - General information
- Update for regulations?





BE WATER SMART

# Regional Public Outreach & Communication



5620 Birdcage Street, Suite 180  
Citrus Heights, CA 95610

[www.BeWaterSmart.info](http://www.BeWaterSmart.info)

## 2019 Water Spots Video Contest Winners Announced

The Regional Water Authority is pleased to announce the winners of the 2019 Water Spots Video Contest:

**JUDGE'S CHOICE FIRST PLACE AND GRAND PRIZE**—earns \$500 split 50/50 between student and sponsoring teacher and a premiere and screening at local movie theaters in June

- **"A Day in the Life of a Watersaver"** by Hannah Van Der Kamp and Julia Williams (Ben Barnholdt, teacher), Whitney High School in Rocklin

**PEOPLE'S CHOICE** (determined by online voting)—earns \$500 split 50/50 between student and sponsoring teacher

- **"Water Smarts"** by Ava Levermore and Mattias Mendis (Gretchen Fogelstrom, teacher), Sacramento Country Day School in Sacramento

**JUDGE'S CHOICE SECOND PLACE**—earns \$300 split 50/50 between students and sponsoring teacher

- **"Water Smarts: It All Goes Back to You"** by Jeremy Evans (Vernon Bisho, teacher), Center High School in Antelope

**JUDGE'S CHOICE THIRD PLACE**—earns \$200 split 50/50 between students and sponsoring teacher

- **"Water Smarts"** by Ava Levermore and Mattias Mendis (Gretchen Fogelstrom, teacher), Sacramento Country Day School in Sacramento

**TOP SCORING VIDEO FROM EACH SCHOOL**—earns a \$50 Amazon gift card (minimum was five eligible videos per school; Judge's Choice and People's Choice winners not eligible)

- **"Keep It Real"** by Braeden Marin and Jacob Ordonaz (Rebecca Long, teacher), California Middle School in Sacramento
- **"Water Conservation Rap"** by Gabriel Carino and Will Minke (Sara Turner, teacher), El Camino Fundamental High School in Sacramento
- **"Untitled"** by Cecilia Sandoval (Tova Hensley, teacher), Laguna Creek High School in Elk Grove
- **"High Speed Hydro Facts"** by Alyssa Pearce and Bethany Oh (Ben Barnholdt, teacher), Whitney High School in Rocklin
- **"OMG Did You Hear..."** by Quentin Bill, John Rusanou, Sierra Charlton-Rosa and Savanah Evans (Jason Cummings, teacher), Rio Linda High School in Rio Linda
- **"Be Water Smart"** by Vadims Ivanovs and Nikita Vlasenuo (Chris Hanks, teacher), River City High School in West Sacramento



### Watering Guidelines

Find your current landscape watering guidelines.

[Learn More](#)

### Water-wise Gardening

Create your wish list of low water-use plants! This comprehensive database includes 1,800 plants classified by plant type, botanical name, common name and water use. It includes

### Announcements

#### 2019 Water Spots Video Contest Winners Announced

Posted on May 2, 2019

#### Public Invited to Vote for Their Favorite Water Spots Video

Posted on April 11, 2019

#### Water Spots Video Contest Finalists Announced



# WHAT'S INCLUDED:

**Available NOW on CalWEP's website ([calwep.org](http://calwep.org))**

- General fact sheet with frequently asked questions
- Infographic: Calculating Water Targets
- Social media sample posts with sharable images
- Template language for community publications
- One pager with talking points for customer service representatives
- Informational Presentation

## **In development**

- Short information video (with ability to cobrand for member agencies)
- Compilation of materials and resources from across the state
- Anything else? Let us know!



# CaIWEF FAQ

Providing Leadership, Collaboration, and Expertise on California's Unique Water Efficiency

## FACT SHEET ON LONG-TERM CONSERVATION LEGISLATION

### Overview

On May 31, 2018 Gov. Jerry Brown signed into law two new bills that will require providers throughout California to set new permanent water use targets for the

JUNE 22, 2018

## NEW INDOOR WATER USE TARGETS BY 2022



POPULATION  
X 55 GAL  
PER PERSON  
PER DAY

INDOOR  
WATER  
TARGET

TARGET APPLIES ON AN OVERALL SYSTEM-WIDE BASIS (not an individual basis)

## California's New Water Efficiency Laws: Calculating Water Targets

New laws require urban water providers to set permanent water use targets for their service areas by 2022.

But how will these new targets be calculated?



Water targets will be set based on the **overall** water use of water provider (not set for individual customers!)

To create each water provider's unique target, the following standards will be calculated and added together:

### INDOOR USE

The standard for indoor residential water use is **55 gallons** per person per day multiplied by the population of the service area.



For more information contact: Tia Lebherz at [tia@calwep.org](mailto:tia@calwep.org)



# Overwatering?



Find tips on how much water  
your yard really needs at

**BeWaterSmart.info**

# Questions?

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