

A Chapter of the Alliance for Water Efficiency

CalWEP Updates

What we'll cover today













CalWEP Grew in 2020



New & Returning Members New CalWEP Collaborators New CalWEP Staff

96% Member Retention



2021 Board Members & Officers



CalWEP welcomes three new board members in 2021:

- Elizabeth Lovsted, Water Resource Manager, San Diego County Water Authority
- Sarah Musiker, Director of Utility Relations, Flume
- Jenyffer Vasquez, Water Policy & Resources Analyst, West Basin Municipal Water District

Executive Committee for 2021:

- Board Chair: Justin Finch, Mesa Water District
- Vice Chair: Rob Whipple, Western Municipal Water District
- Secretary-Treasurer: Lisa Morgan-Perales, Inland Empire Utilities Agency



New & Improved Programs

WATER VIEW

MyCalWEPplus





Unlock the potential of your water data



(Pilot programs)

🕞 rachio





AWE Tracking Tool Updates

- The National Version of the Tracking Tool should be finished in the first half of 2021. Beta testing should begin in the next month or so.
- The California Version should be ready at the same time, with an initial methodology (water use objective calculator) for the CA framework. *Then when regs are finalized by the state it can be updated.*
- Both versions will have a newly integrated water loss management model
- Both versions will have new functionality for fixture stocks
- The library of measures will be update and the interface will have a new look and feel.



Search CII Guides

Examples from Members

Implementation Guides

Utility Ops

•Building a Team with a Conservation Coordinator

•Create or Renew a Plan/Strategy

•Know Your Regulatory Environment

•Water Waste Prohibition

CII Partnerships and Funding Sources CII Codes and Standards CII Surveys Partnerships Current Codes and Standards (updated Basic Steps for Developing a CII Wate as of November 2020) Survey Program Additional Non-Monetary Opportunities to the Commercial Historical Background on Codes and Lessons Learned Standards Guidance Documents and Examples Guidance and References Lessons Learned

CII GUIDES

Commercial, Industrial, & Institutional

Surveys
Incentives
Codes and Standards
Partnerships

Residential

- Indoor surveys
- Incentives
- •Single Family and Multifamily Programs
- Codes and Standards

Public Education

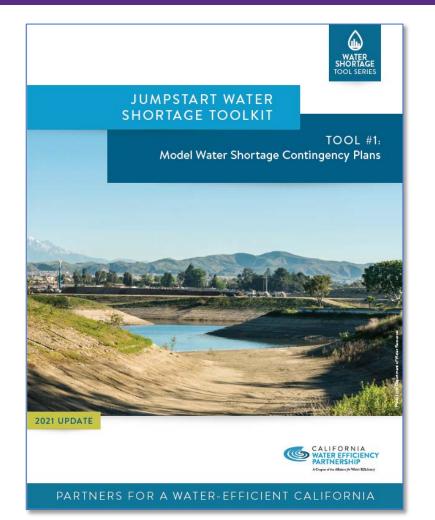
Public Outreach Programs
School Education and Outreach
Est. School Education Focused
Partnerships
School Resources

Landscape

- •Landscape Surveys
- •Landscape incentive Programs
- •Landscape Technical Assistance
- •Water Budgets



Drought Toolkit Update



- CalWEP is currently updating the 2015 Jumpstart Water Shortage Toolkit.
- We're starting with Tool #1 to reflect new requirements for urban water suppliers' 2020 Urban Water Management Plans.
- The update will be available to members in early February with a companion webinar to also be scheduled that month.



Home Water Works (AWE)



- Improvements to Home Water Works Website
 - Mobile Responsiveness
 - New graphics in the calculator
 - Spanish translation



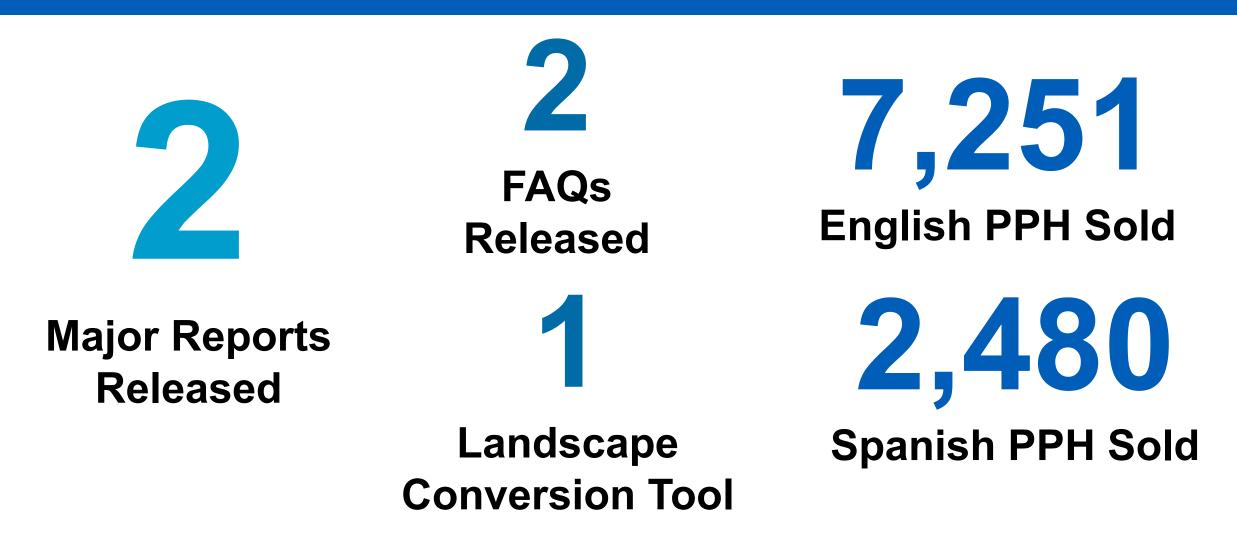
Advocacy

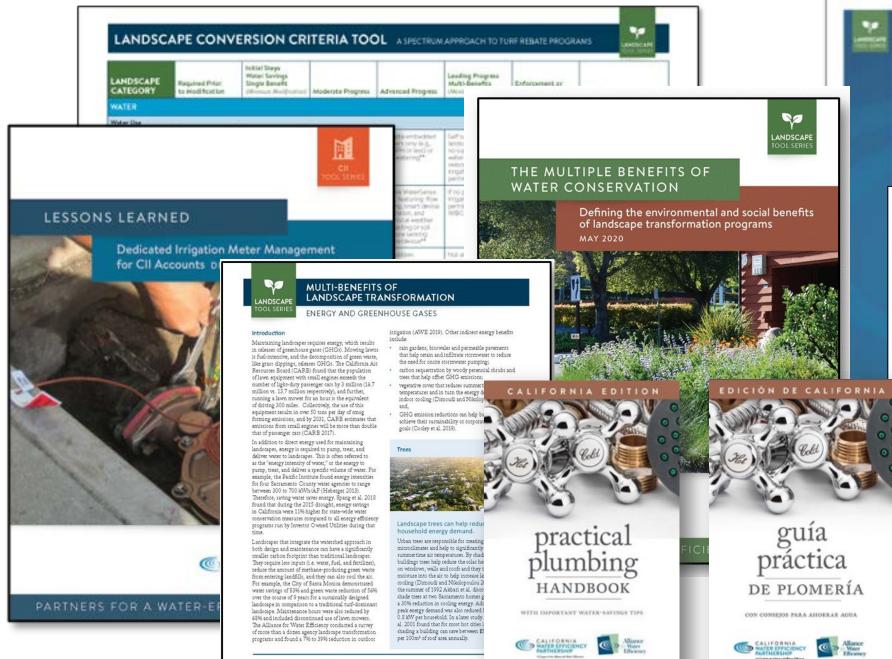


- CalWEP has signed a contract with a technical policy advisor to help the organization increase advocacy related to the implementation of SB 606/AB 1668
- CalWEP will continue to work with partners and members to ensure our member's voices are being heard.



2020 Publications





ENERGY AND GREEN

CalWEPFAQ

AUGUST \$3, 2000

Providing Landership, Collaboration, and Experitor on California's Unique Veser Efficiency Issues

FACT SHEET ON FRAMEWORK RESIDENTIAL OUTDOOR OBJECTIVE

Overview

Units and Address, passed in 2014, interval to "Make water conservations a Calderina water of DAT to providing a framework for water ormervation and efficiency. The fells direct state agencies Department of Water Researce (DWR) and Italia Water Researces Control Board (DWRCE to device proved) water efficiency largers for each retail water approx lover 1,000 contentioned haved on the conductation of pulses want an median want pay and want low. This FND document is busined of the readisor

California Appliance Efficiency Regulations CA CODE OF REGULATIONS: TITLE 20 SECTION 1602(X)(1) SPRAY SPRINKLER BODIES

EFFECTIVE: OCTOBER 1, 2020

1. What does Title 20 require for spray sprinklers sold in California?

Beginning October 1, 2020, all Spray Sprinkler Bodies (SSB) must meet specific performance requirements and contain the proper markings in order to be legally sold in California. Further, all products manufactured on or after this date must be certified to the California Energy Commission's (CEC) appliance efficiency database known as the "Modernized Appliance Efficiency Database" (MAEDbS) before they can be offered for sale in California. The manufacturer is responsible for testing basic appliance models.

2. What are the benefits of pressure regulated spray bodies?

The CEC estimates that annually there are over 30 million SSBs sold in CA for turf irrigation where some of these SSBs are pressure regulation and some are not. Pressure regulation spray bodies can reduce water waste caused by misting and overspray. Pressure regulation can also help improve distribution uniformity.

3. What are the specific performance requirements for SSBs?

Compliant SSBs will contain pressure regulating devices and shall adhere to a flow rate and pressure performance criteria including a minimum outlet pressure listed under Section 2 of the WaterSense® Specification for Spray Sprinkler Bodies Version 1.0, September 21, 2017.

4. How can products be listed on the Modernized Appliance Efficiency Database (MAEDbS)?

Candidate SSBs must be tested to demonstrate adherence to the performance criteria. The approved test method is provided under Appendix B of the WaterSense® Specification for Spray Sprinkler Bodies Version 1.0, September 21, 2017. Testing must be conducted by an approved third-party test lab. You can find more information about the MAEDbS here.

continued on reserve

CEC DEFINITIONS

Residen 2019

SPRAY SPRINKLER -SPRAY SPRINKLER BODIES - The exterior A device used to irrigate landscape case or shell of a that consists of a sprinkler incorporating spray sprinkler body a means of connection and a nozzle or orifice to the piping system, and discharges water designed to convey through the air. water to a nozzle or

SPRAY NOZZLE -The spray nozzle controls the volume of discharge, spray pattern as well as the area covered (shape) by the distribution of the water, and the droplet size.

Nozzl



orifice. It does not

contain components

to drive the rotation

and lacks an integral

during operation

control valve.

of the nozzle or orifice

CA Code of Regulations: Title 20 Section 1602(x)(1)

DEVELOPED BY



AWE Cooling Tower Update

- Project Kicked off in January 2019
- Cooling Tower Estimating Model (CTEM) and Guide for Identifying Cooling Towers Being Finalized
 - PAC Beta-Testing/Review Concluded 2/21/2020
 - Finalizing copyright and Terms of Use
 - Launch in January
- Task 5 underway: Determine Water Savings Potential of Implementing Alternative Cooling Technologies.
- ComEd is commissioning a new task focused on direct energy savings





Events by the Numbers

10 350+

Virtual Events Held Individuals Engaged

Online CalWEP Social Event





Peer to Peer: Reimagined





Registrations for Peer to Peer: Reimagined Sessions held over three days



Presentations & recordings on **MyCalWEP**

Day One: Water Efficiency in 2020 and Beyond

Welcome to Peer to Peer: Reimagined



Executive Director External Affairs,

Sarah Foley **Executive Director Operations**, CalWEP

Tia Lebherz

CalWEP

③ 9:00AM - 9:20AM on Tuesday, December 8

The State of Water Efficiency in California

Greg Bundesen **Board Chair, CalWEP** (moderator)

> **Joaquin Esquivel** Chair, State Water Resources Control Board

Karla Nemeth **Director**, Department of Water Resources

③ 9:20AM – 10:40AM on Tuesday, December 8

Embracing Change and Transformation: What 2020 has taught us



Kristeen Farlow San Bernardino Valley Municipal Water District (moderator)

Sarah Heitzman Chief Revenue & Strategy Officer, Rachio

① 10:55AM - 12:00PM on Tuesday, December 8



Joone Lopez Water District

General Manager, Moulton Niguel

Join via the Zoom Webinar link sent to your email

Format: Panel Discussion

Click on presenter for their bio or read all bios starting on page 19.

Heather Cooley Policy Director, Pacific institute

Greg Bundesen

Board Chair, CalWEP

Mary Ann Dickinson President and CEO, Alliance for Water Efficiency

Format: Panel Discussion

Join via the Zoom Webinar link sent to your email

From implementation of California's new efficiency legislation, SB 606/ AB 1668, to Governor Newsom's Water Resilient Portfolio, to potential threats on WaterSense and standards on the national level. this session will dig into these major issues and feature top experts.

- Water Resilience Portfolio
- Department of Water Resources WUE Homepage
- Pacific Institute Report: As Assessment of Urban Water Demand Forecasts in California
- Alliance for Water Efficiency: Use and Effectiveness of Municipal Irrigation Restrictions During Drought study
- Alliance for Water Efficiency: Showerheads and Clothes Washers **Rules and Regulations**

Format: Panel Discussion

Join via the Zoom Webinar link sent to your email

2020 was unlike anything we could have imaged, from COVID 19 shutting down business as usual, to social uprisings highlighting inequalities in our country. Hear perspectives from professionals representing various segments of water conservation on how this pivotal year has fundamentally changed operations, how we've all learned to adapt, and the new challenges and opportunities that have arisen out of a global pandemic.

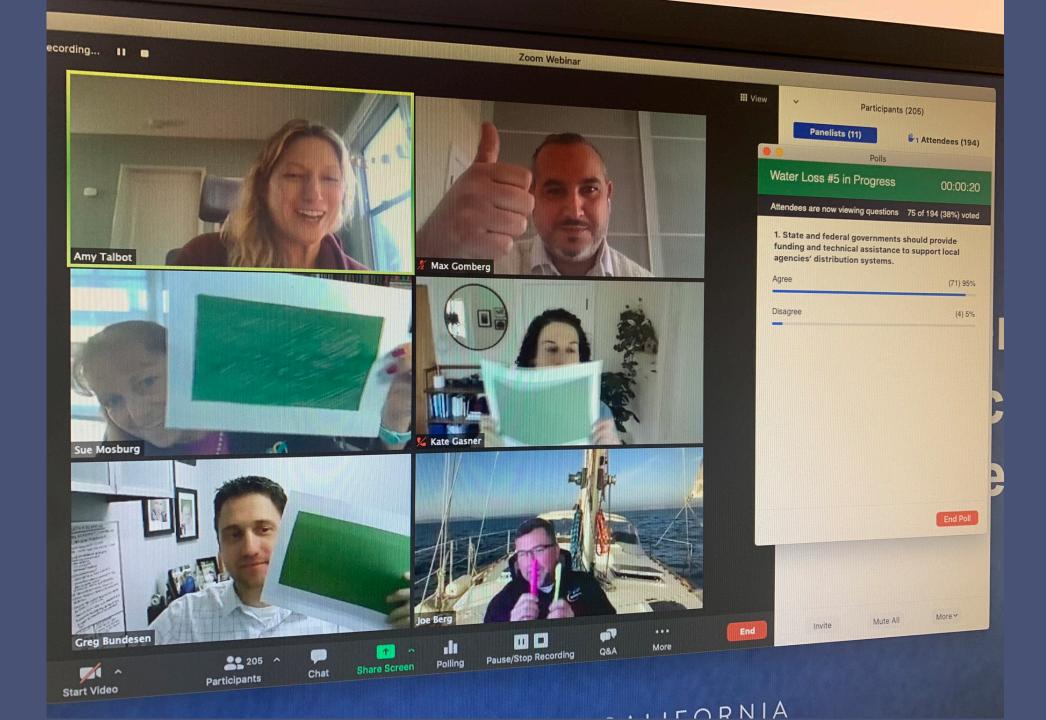
- CalWEP, AWE, and Maddaus Water Management: Tips & Tricks for Working Remotely
- CalWEP's How to Host an Engaging Webinar











0 0 0		0.0		Zoom Meeting		
Polls		•				III View
Which of the following are you i	00:00:31	k. T.				
Attendees are now viewing questions 35 of	64 (54%) voted	Filly I'm		Y Ky Ye		
1. Which of the following are you interested in? (Select all that apply.) (Multiple Choice)					Me.	
Unique branding for CA native plants	(8/35) 23%					
Digital and point-of-sale marketing	(4/35) 11%				100	
Educational resources for nursery professionals	(7/35) 20%					
Customer-facing CA native media kit	(10/35) 29%		1.	to the second se		the star
All of the above	(27/35) 77%	Krista Guerrero		Lindsey Stuvick		AT AT
		CNPS Ann-Marie (she)		Joni German		



Virtual Events in 2021

Save the dates in your calendars today:

CalWEP Spring Plenary March 10, 2021 | 10:00 AM-12:00 PM

> Peer to Peer 2021 June 2-3, 2021

CalWEP Fall Plenary September 21, 2021 | 10:00 AM-12:00 PM

CalWEP Winter Plenary December 9, 2021 | 10:00 AM-12:00 PM



Questions?