



# RWEPAC

March 10, 2020

WELCOME

# Introductions

- Name
- Organization
- Life motto?
- Or best piece of advice?




**THANK YOU, City of Sacramento!**





BE WATER SMART


# Agenda

- Welcome and Introductions
  - Approve January 2020 Meeting Notes
  - Host Presentation: William Granger, City of Sacramento
  - Group Discussion: Current water supply conditions/media coverage
  - Program Updates
  - Rachio Controller Program
  - Agency Announcements
  - Adjournment/Lunch
- 



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# Meeting Notes

- Approve January 2020 Meeting Notes
  - Post on website
- 





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# Host Presentation

- William Granger, City of Sacramento
- 

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# Group Discussion

## Current Water Supply Conditions and Media Coverage

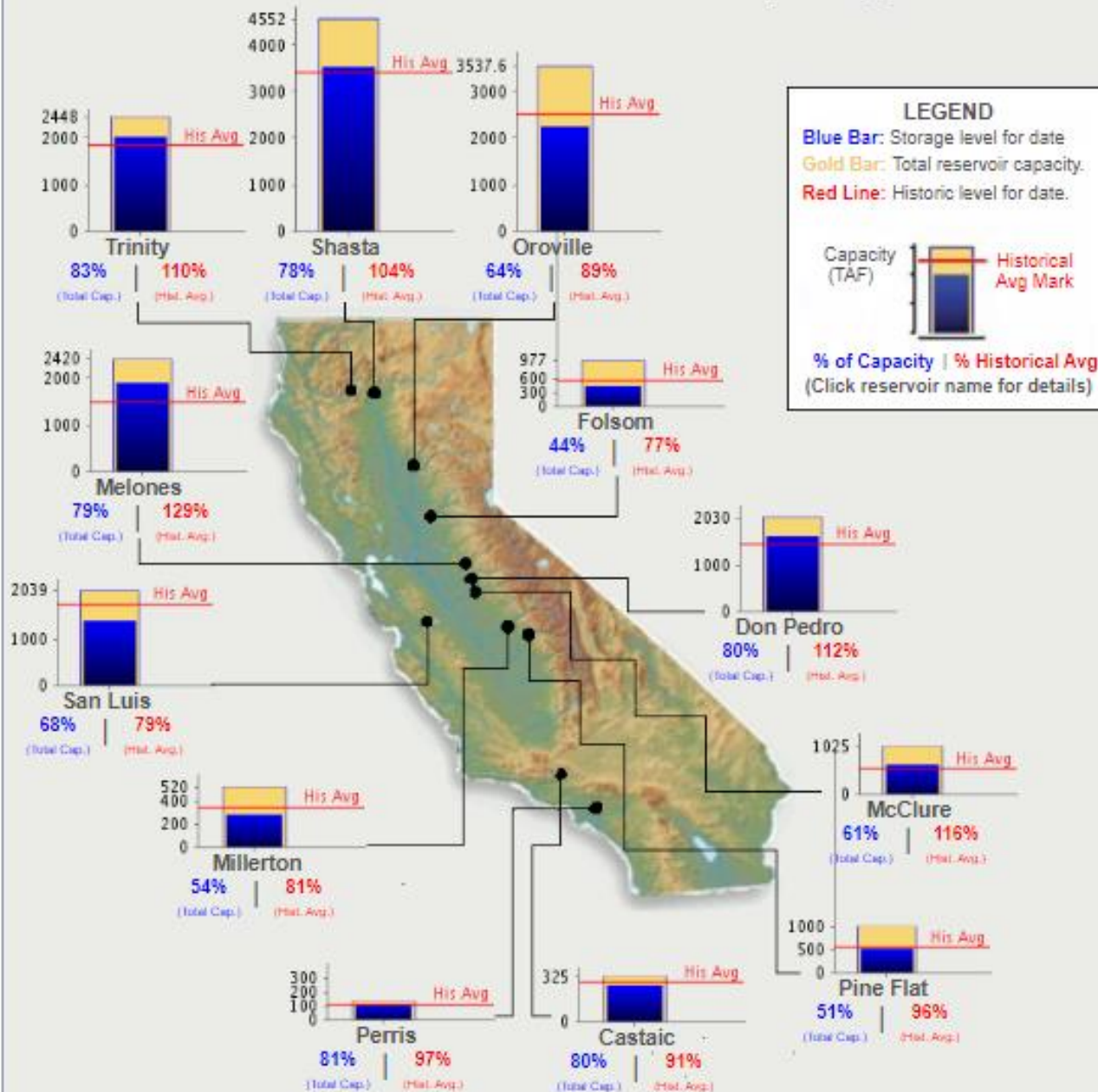
- Drought or no drought?
- What are customers saying?
- How are you responding to customers?
- What is your agency saying?



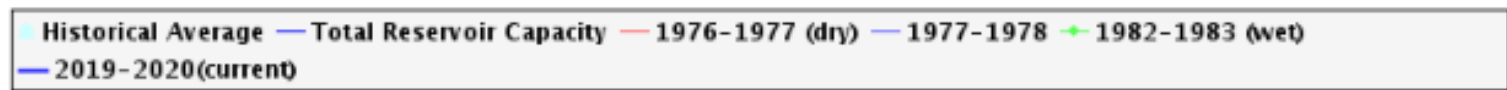
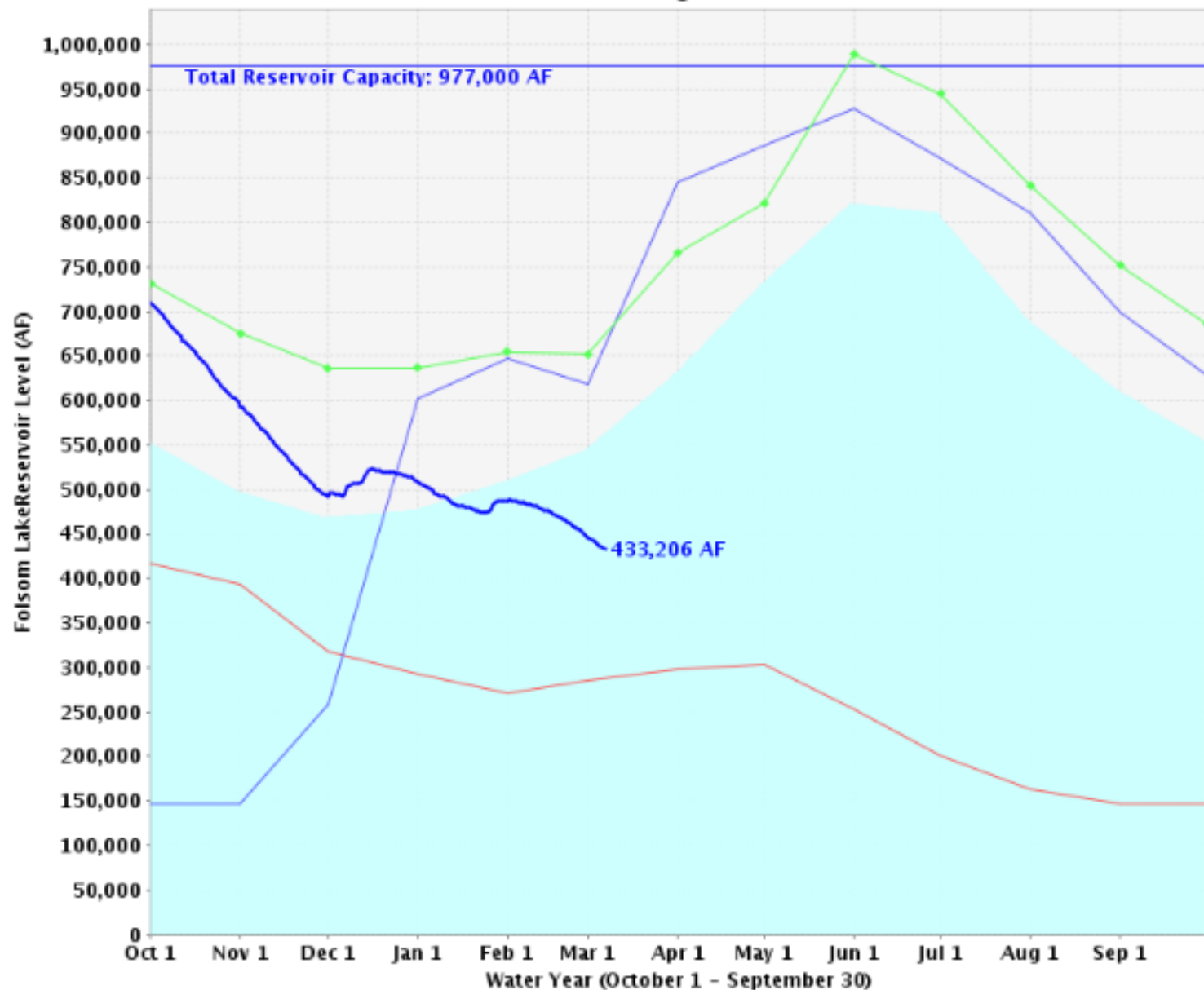
# CURRENT CONDITIONS FOR MAJOR RESERVOIRS: 07-MAR-2020

Data as of Midnight: 07-Mar-2020

Change Date: 07-Mar-2020

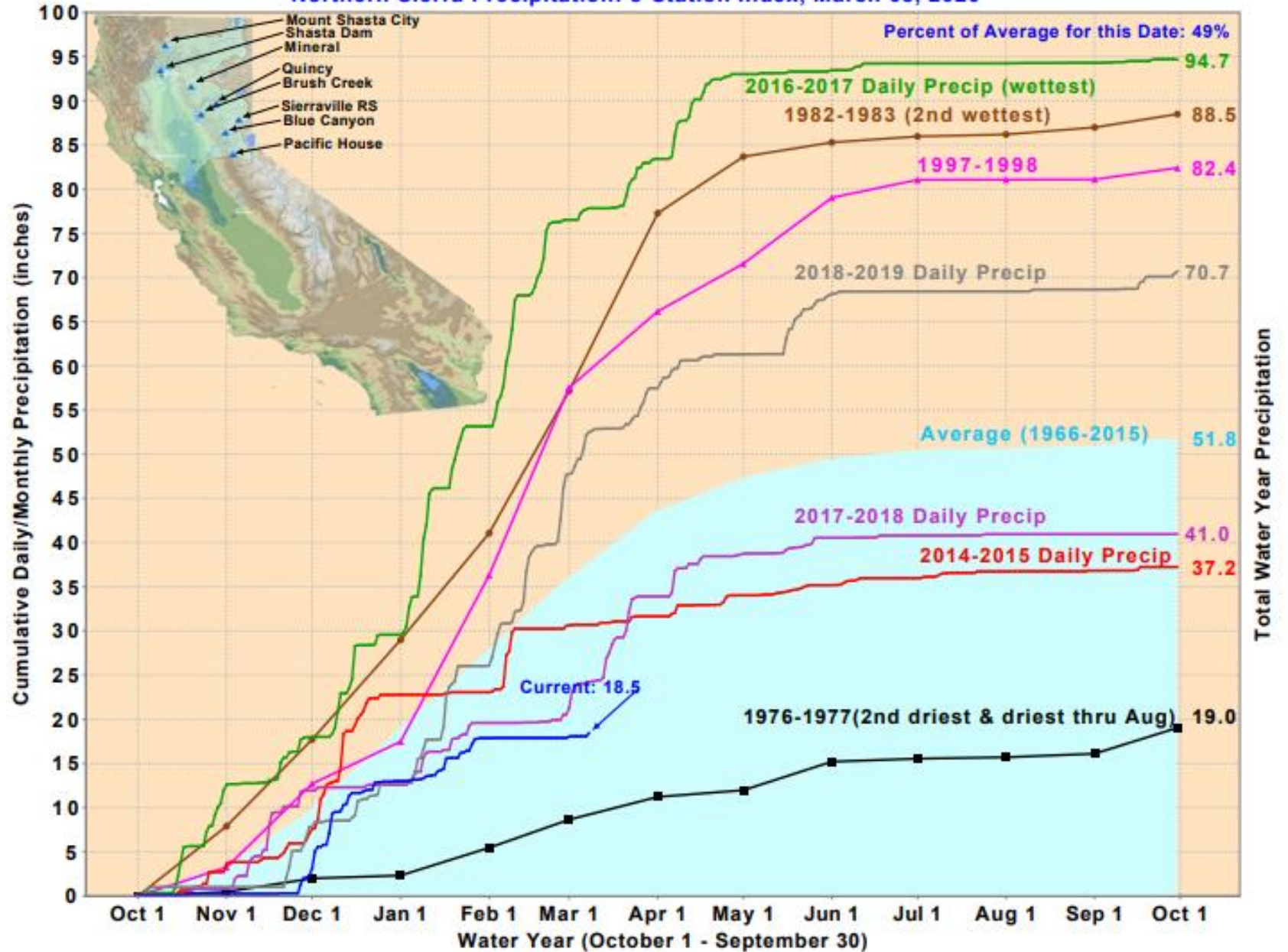


## Folsom Lake Storage Levels



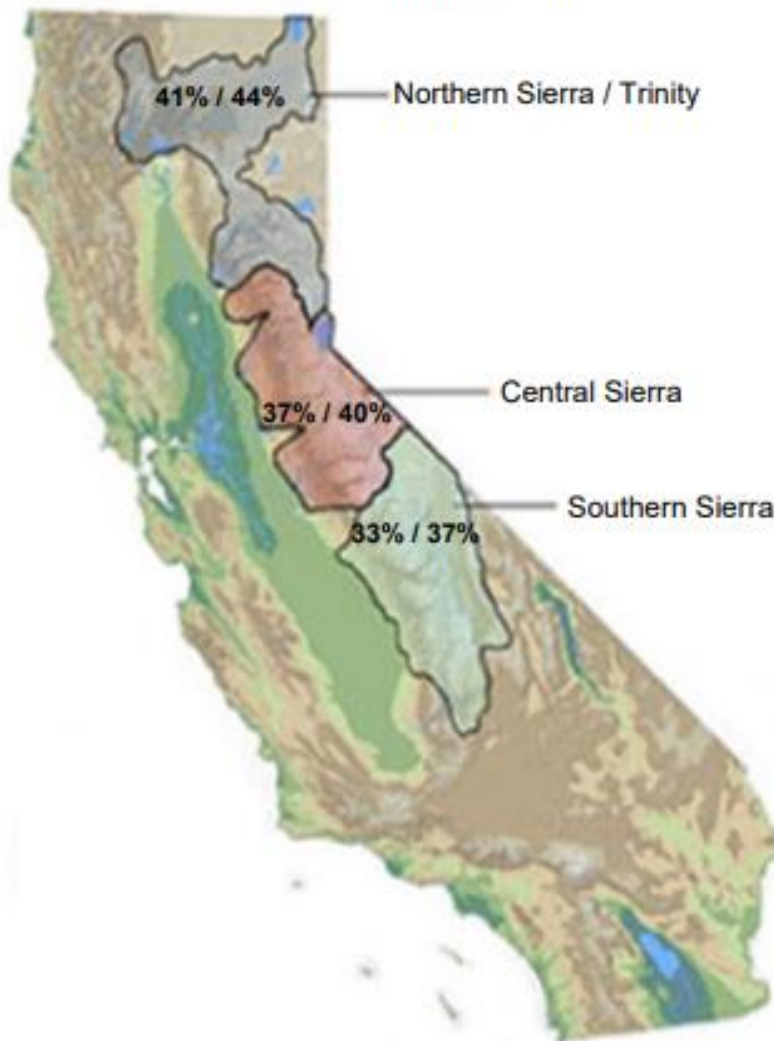


# Northern Sierra Precipitation: 8-Station Index, March 08, 2020



# Current Regional Snowpack from Automated Snow Sensors

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of March 6, 2020	
Number of Stations Reporting	30
Average snow water equivalent (Inches)	11.9
Percent of April 1 Average (%)	41
Percent of normal for this date (%)	44

CENTRAL	
Data as of March 6, 2020	
Number of Stations Reporting	43
Average snow water equivalent (Inches)	11.2
Percent of April 1 Average (%)	37
Percent of normal for this date (%)	40

SOUTH	
Data as of March 6, 2020	
Number of Stations Reporting	28
Average snow water equivalent (Inches)	8.5
Percent of April 1 Average (%)	33
Percent of normal for this date (%)	37

STATE	
Data as of March 6, 2020	
Number of Stations Reporting	101
Average snow water equivalent (Inches)	10.6
Percent of April 1 Average (%)	37
Percent of normal for this date (%)	40

Statewide Average: 37% / 40%





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# Program Updates

- SmartLandscape Partnership with UC Davis
  - Focus Group Results
  - 2020 Public Outreach Campaign
  - Legislative/Regulation
  - AWE Drought Restrictions Study
  - Qualified Water Efficient Landscaper (QWEL)
  - CalWEP December Plenary Planning
- 



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# SmartLandscape @ UC Davis

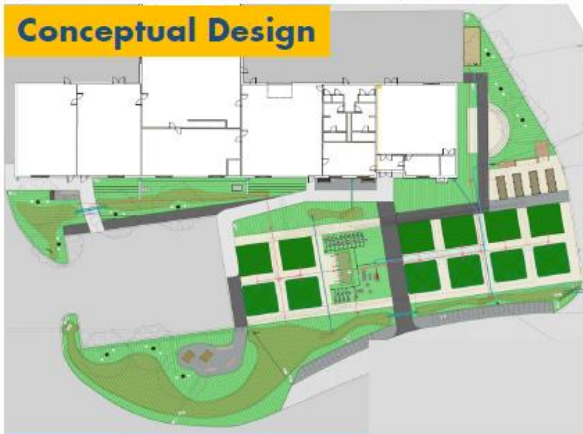
## SmartLandscape @ UC Davis



Pre-construction - July 2019



Conceptual Design



Year-to-Date - January 2020



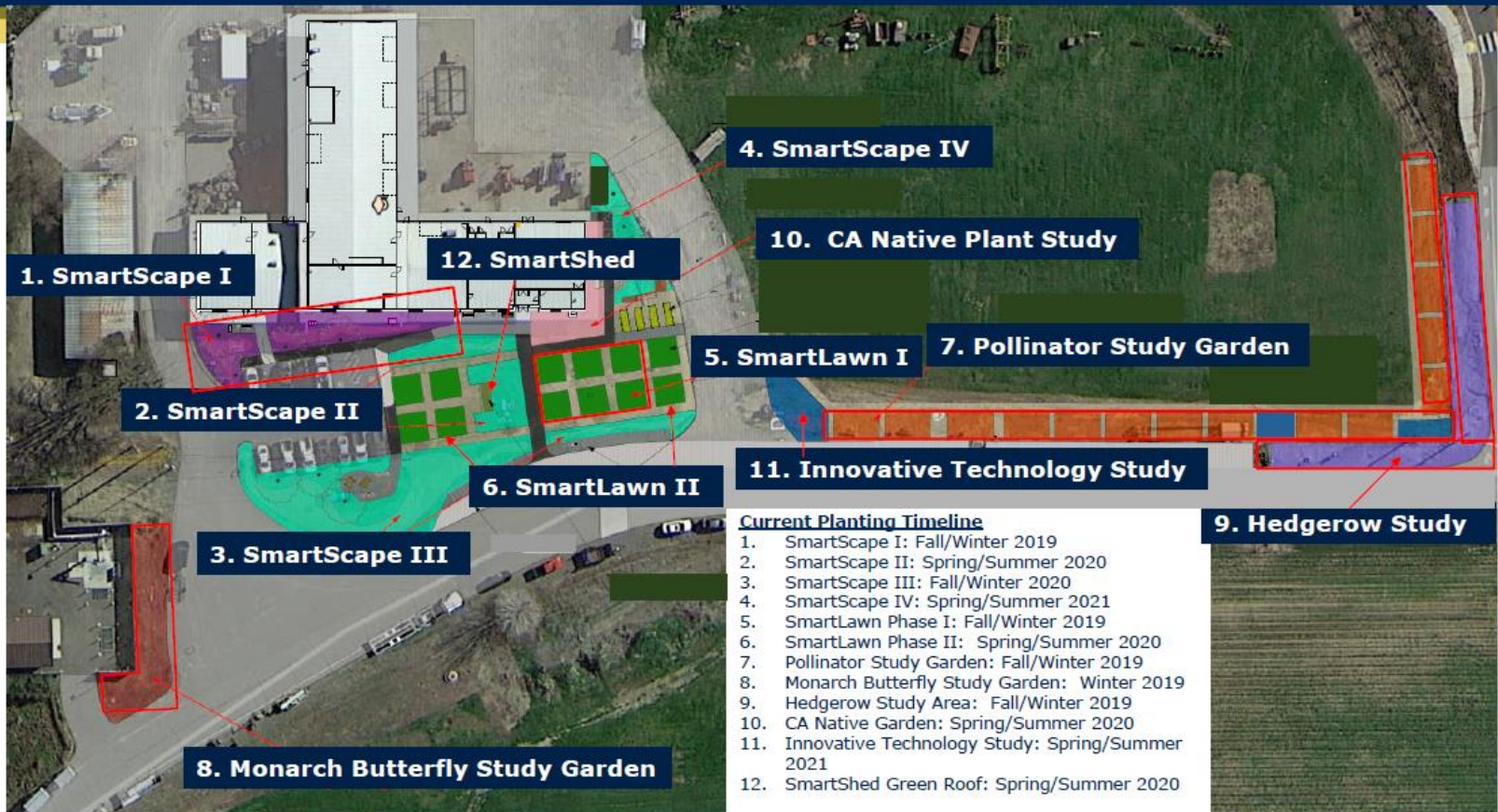


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# SmartLandscape @ UC Davis

## SmartLandscape @ UC Davis

**UC DAVIS**  
California Center for  
Urban Horticulture





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# SmartLandscape @ UC Davis

**SmartLandscape @ UC Davis**



**Experiential student "hands-on" learning**





# SmartLandscape @ UC Davis

## SmartLandscape @ UC Davis



### Current Progress

- **SmartScape I:** 98% complete
- **SmartLawn I:** 6 plots planted (cool season)
- **SmartShed (controller shed):** installation complete
- **Pollinator Study Garden:** 40% complete
- **Butterfly Study Garden:** 40% complete
- **Green Roof:** 40% complete

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# SmartLandscape @ UC Davis

## *SmartLandscape @ UC Davis*



## The Results





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# SmartLandscape @ UC Davis

## SmartLandscape @ UC Davis



### Our External Partners...Philanthropic Support



Join our growing list of industry and individual supporters @ [SmartlandScape Donate](#)

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# SmartLandscape @ UC Davis

## ***SmartLandscape @ UC Davis***



### **Our UC Davis Partners**

- 1. College of Agricultural & Environmental Sciences**
- 2. Biological & Agricultural Engineering Department**
- 3. Plant Sciences Department**
- 4. Entomology & Nematology Department**
- 5. Human Ecology Department**
- 6. Arboretum & Public Gardens**
- 7. Land, Air, Water & Resources Department**
- 8. Utilities**





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# Focus Groups

- 2 customer focus groups
- Focus on leaks and lawns
- Help inform our 2020 campaign

Regional Water Authority  
(RWA)  
**Focus Group Research**

**Final Report**

February 2020

*Submitted to:*



*Submitted by:*



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# Public Outreach

- Briefing for Water Provider Communications and Conservation Managers on 2020 Outreach Plans/Tools
  - Tuesday, February 25, 2020 at 2 pm.
- Translated Materials/Working with Christine
  - in process



# WATER SAVER



The best path to healthy and happy plants is to deliver the right amount of water. Check the soil with a moisture meter to see if your plants are thirsty.

Get a free moisture meter at **BeWaterSmart.info**





# Overwatering?

Find tips on how much water your yard really needs at [BeWaterSmart.info](http://BeWaterSmart.info)





# Tools Available in the BWS Tool Kit

- Key messages
- Editorial calendar
- Newsletter/website text
- Social media posts
- Mulch Mayhem support
- Water Spots support
- Focus group report
- Infographics
- How to/expert video



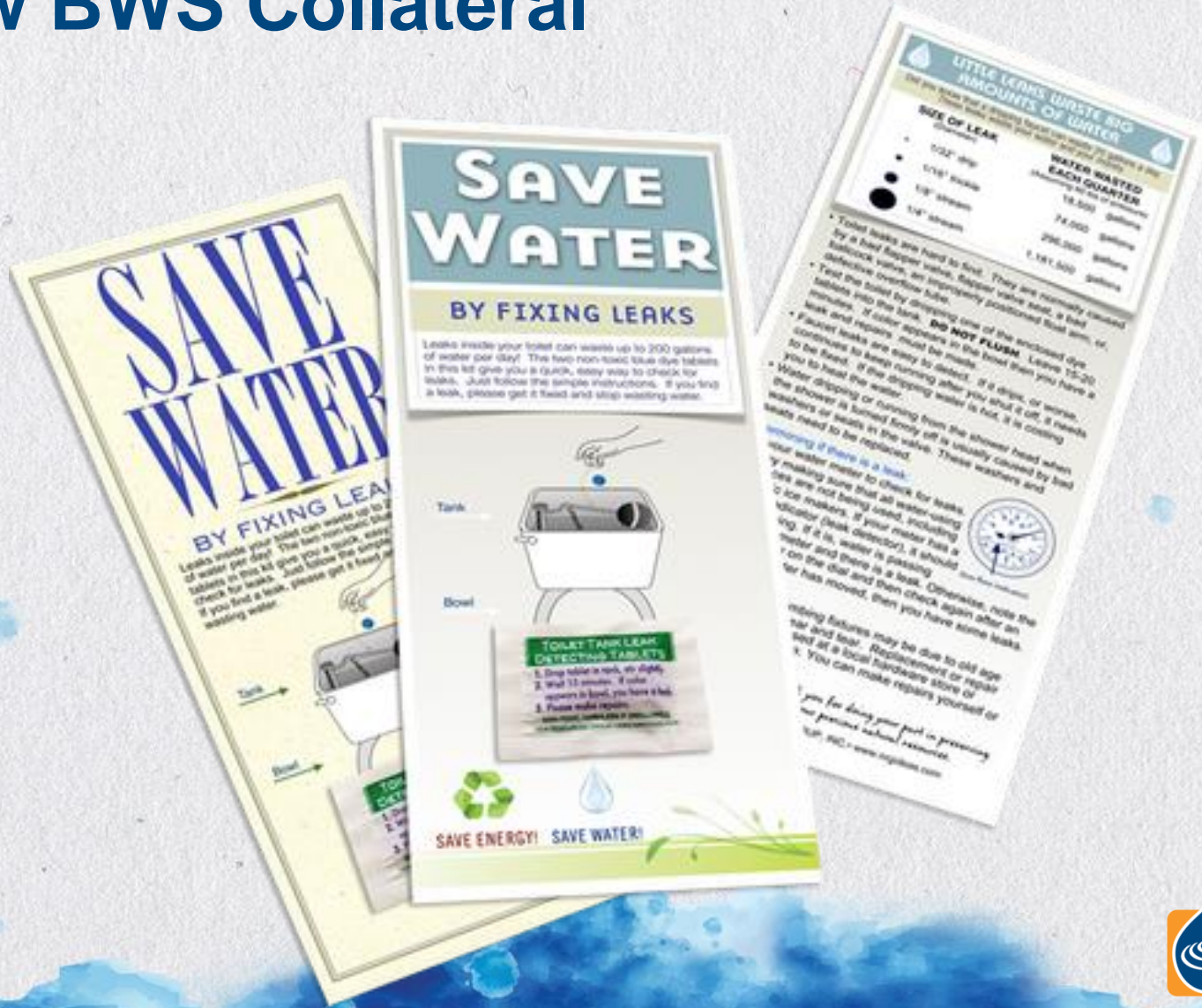
**Link to Toolkit!  
Watch for it.**



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# New BWS Collateral

ORDERS DUE TO CHRISTINE TODAY!



BeWaterSmart.info



# SB 606 and AB 1668

## DWR Regulation Development Committees

1. Annual Water Supply and Demand Assessment
2. Urban Water Management Plan Guidebook
3. Landscape Area Measurement
4. Wholesale Water Loss
5. Water Use Studies
6. Data Streamlining
7. Standards, Methodologies, and Performance Measures





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# Annual Water Supply & Demand Assessment

- Date: Monday, March 9<sup>th</sup>
- Purpose: To explain new requirement for annual water supply and demand assessments and gather feedback on best practices for developing assessment reports
- Main outcomes:
- Next steps:



BeWaterSmart.info



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# Urban Water Management Plan Guidance

- Date: Tuesday, March 10th
- Purpose: To explain changes in state law that impact UWMPs and gather feedback on developing guidance for these changes



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

# Landscape Area Measurement

Purpose: Review developing DWR methodology for creating landscape water budgets and provide feedback

- Recent Meeting:
  - February 12<sup>th</sup> Sacramento
  - Outcome: Validation and Accuracy
- Upcoming Dates:
  - May 13<sup>th</sup> Irvine Ranch Water District
  - August 20, 2020 Sacramento
  - November 19, 2020 Irvine Ranch Water District



## Confidence Interval - Irrigable

	DWR			QUANTUM		
	Mean	95% Conf. Int.		Mean	95% Conf. Int.	
		Upper	Lower		Upper	Lower
North Marin	467	499	436	524	555	494
Rancho California	729	789	668	713	771	655
ARROYO GRANDE	372	409	334	328	358	299
CWS BAKERSFIELD	327	353	300	268	294	242
CWS EAST LA	148	162	135	144	158	130
DESERT WA	249	274	223	254	280	228
FOLSOM CITY OF	392	418	367	359	385	333
LAS VIRGENES MWD	729	872	587	670	791	548
OLIVENHAIN MWD	1021	1155	886	937	1052	823
PLEASANTON WSA	417	454	379	351	377	326
REDWOOD CITY	342	366	318	352	379	325
SANTA CRUZ	266	289	243	272	296	249

# Retail Water Loss

Purpose: To create individual agency water loss performance standards (gallons per connection per day)

- Originates from SB 555, but tied to SB 606/AB 1668
- Managed by the State Water Board
- Deadline: July 1, 2020
- Next stakeholder meeting in a couple months
- Wildcard



# BE WATER SMART Legislation

## Active Bills

- **AB 2324 (Friedman)** spot bill related to water loss
- **SB 1217 (Dahle)** strikes the 55 GPCD requirement in the water efficiency laws (SB 606 and AB 1668) and replaces it with a standard that complies with the urban retail water supplier's own criteria for indoor residential water use.
- **AB 2656 (Eggman)** intent bill to require wholesale water suppliers to conduct and submit annual water loss audit reports

## Anticipated 2020 Legislative Focus

- Bond, water quality, and water affordability

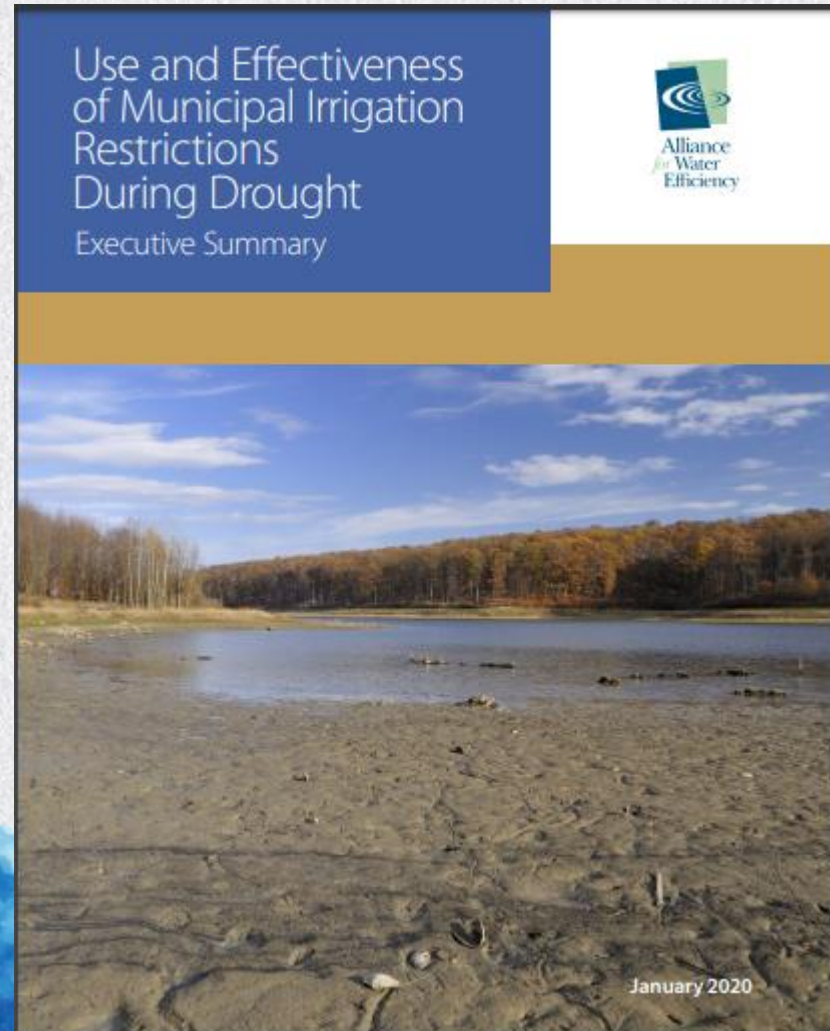




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# AWE Drought Restrictions Study

- Recently released
- AWE/CalWEP member benefit
- Executive Summary free for all
- Webinar available
- Features RWA, SSWD, and city of Sacramento data



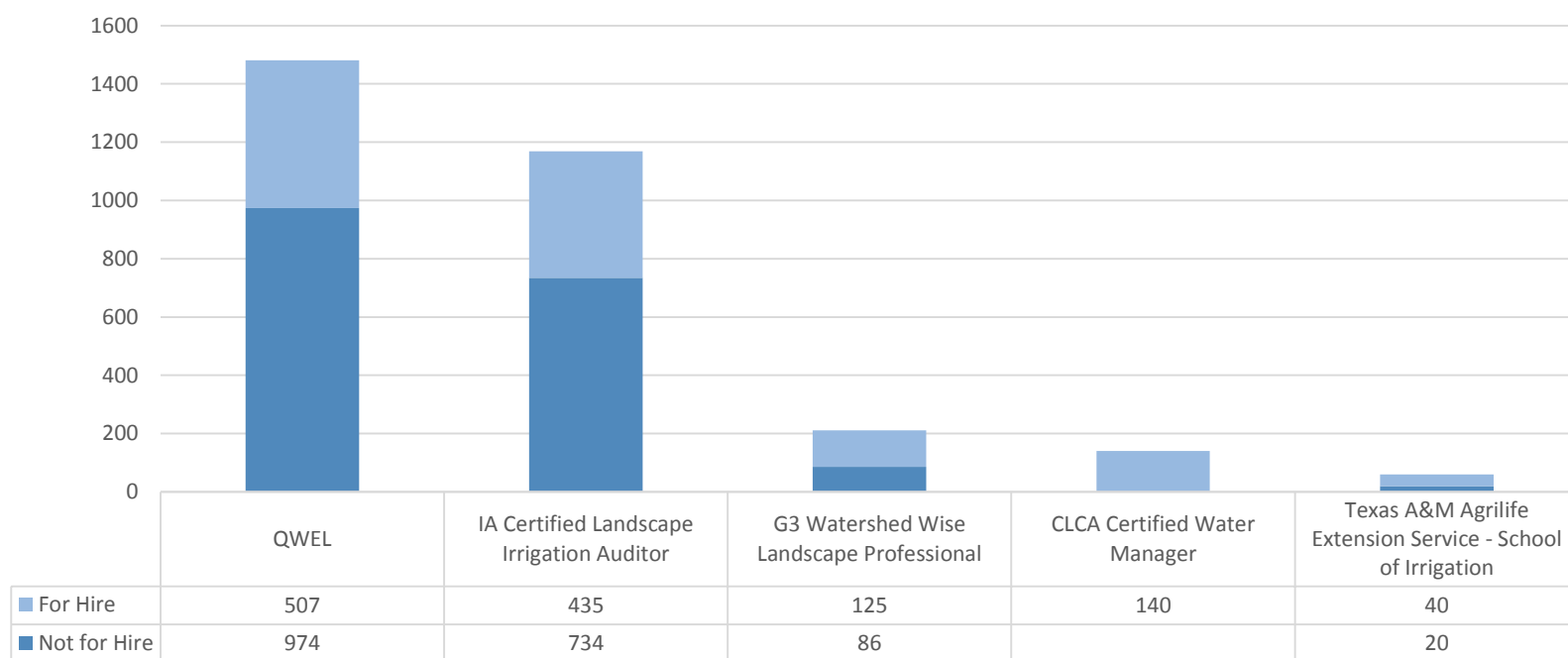




## 2019 SUMMARY



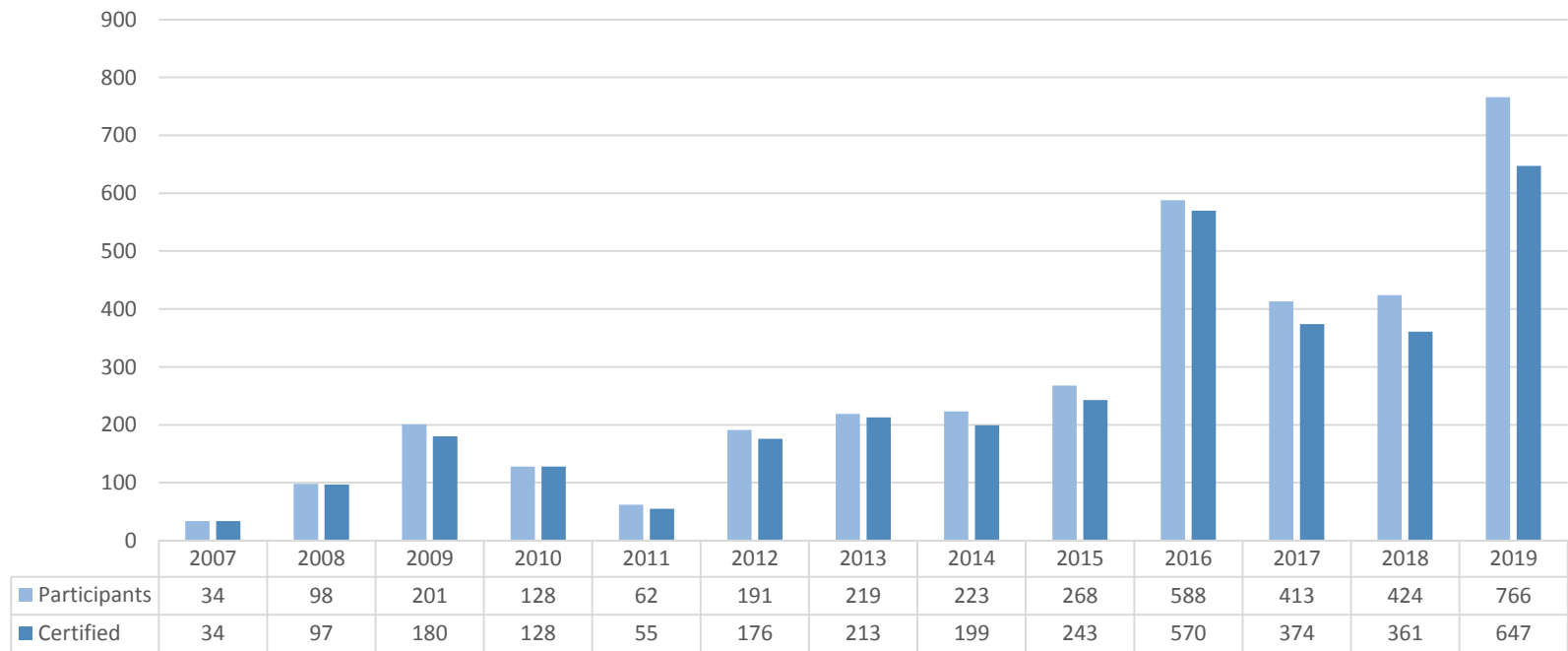
# EPA WaterSense Irrigation System Auditing Program Comparison



Source: QWEL database and EPA WaterSense website



# QWEL Annual Participation and Certification



*Note: Data prior to 2018 may not include all participants that did not become certified. 2018 is missing some QWEL Pros from San Diego.*

# QWEL Pros by Professional Certifying Organization

Professional Certifying Organization (PCO)	All Time	Currently Certified
California Community Colleges Agriculture, Water, and Environmental Technology Sector	49	37
California Water Efficiency Partnership	60	60
Chino Basin Water Conservation District	286	147
City of Aspen	36	36
City of Kelowna	18	18
City of Santa Fe	72	19
College of Western Idaho	50	25
Municipal Water District of Orange County	82	82
New Mexico Water Conservation Alliance	70	44
Regional Water Authority	51	51
San Bernardino Valley Water Conservation District	71	22
San Diego County Water Authority	678	400
Sonoma-Marín Saving Water Partnership	1085	288
South Metro Water Supply Authority	75	75
University of Nevada Cooperative Extension	48	48
Utah State University Cooperative Extension	292	121
WaterNow Alliance	44	8
Inactive PCOs	212	
	<b>3,279</b>	<b>1,481</b>





# RWA Stats

	Registered	Took Exam	Passed	Agency
10/18/2018	30	21	16	RWA
3/20/2019	31	19	17	RWA
10/2/2019	32	24	18	RWA
12/16/2019	22	22	19	ARC
	<b>115</b>	<b>86</b>	<b>70</b>	

# Next QWEL Trainings:



At Sacramento Suburban Water District Antelope Facility. Classes will be held on Wednesdays from 8:30 a.m. - 3:30 p.m.

- April 8, 2020
- April 15, 2020
- April 22, 2020 - includes irrigation audit - This class will be held at Rusch Park in Citrus Heights.
- April 29, 2020 - includes exam

Fall Training will be held on October 7, 14, 21, and 28<sup>th</sup> location TBD



# SMART Controller Workshop

- Held January 29, 2020 at Maidu Community Center
- 60 People attended
- Vendors included
  - Hunter
  - Rachio
  - Rainbird
  - Toro/Irritrol & Rain Master
  - Weathermatic & Baseline



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# Mulch Mayhem



## Participants:

Carmichael, Sacramento,  
SSWD, Roseville,  
SJWD and PCWA

Saturday, May 2 and 16, 2020



**Be Water Smart**

Sponsored · 🌐



On Saturday, May 4th you can get free mulch for your yard. Visit [BeWaterSmart.info](https://www.bewaterSMART.info) for a complete list of locations and times.



[BEWATERSMART.INFO](https://www.bewaterSMART.info)  
**Get Ready for Mulch  
Mayhem!**

[LEARN MORE](#)



Like



Comment



Share



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# CalWEP December Plenary

- December 9th from 10 am -3:00 pm
- Last two plenary's hosted
  - Sacramento Library
  - Holiday Inn
- 100 people
- Provide lunch
- Tech requirements
- Event the night before?
- Educational tour?
- Highlight?

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# Rachio Controller Program

- Soft Launch early April (BWS and limited FB ads)
- Full Launch May 1st
  - Press release
  - FB and google ads
  - BWS.info
  - Agency promotion
  - Eblast to BWS list
- Webinar for more information
  - May 12<sup>th</sup> from 1-2 pm
- First come, first served, all WEP agencies are eligible
- It's live: [rwa.rachio.com](http://rwa.rachio.com)



# Rachio & RWA Program Process

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- 1 Rachio creates a RWA branded landing webpage to send residents to and residents verify their eligibility via zip code and water agency affiliation
- 2 Payment for the controllers is completed directly on Rachio site (\$75 + tax)
- 3 After purchase, a confirmation is sent automatically to customers with shipping information, instructions for DIY installation and a link to our Pro Finder
- 4 The controller is sent directly to the resident's home
- 5 At the end of every month, you will have access to a report showing all residents who have purchased controllers and if those controllers have been installed/activated

With the Rachio & RWA program, your residents receive  
\$150+ of value

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	<u>8 zone</u>	<u>16 zone</u>
<b>MSRP</b>	\$229.99	\$279.99
<b>Rachio discount for partners</b>	-\$55	-\$105
<b>RWA contribution</b>	-\$100	-\$100
<b>Resident cost</b>	<b>\$74.99</b>	<b>\$74.99</b>



# To help execute the Rachio & RWA program with ease, you get access to our turnkey solution...

Controllers are redeemed by customers on a custom RWA landing page, dedicated contact center support & potential for pro installs

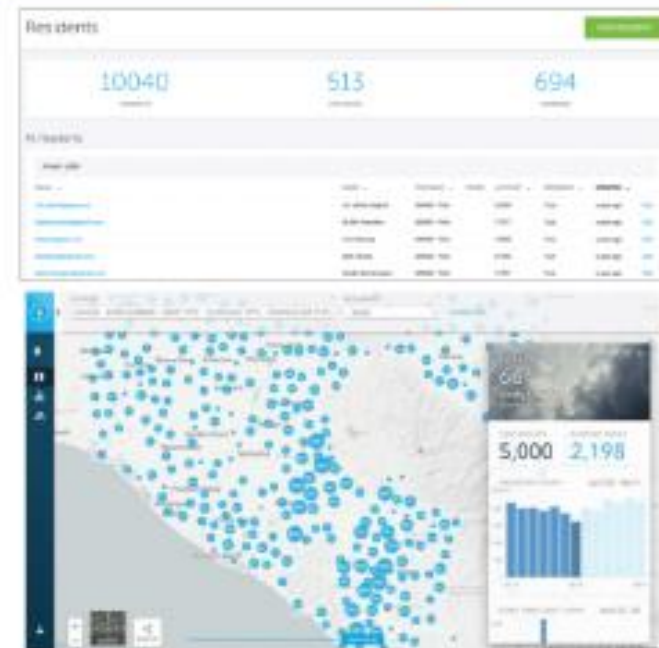
Agencies are provided with program information via portal & controllers in network via Insights tool



**Free Rachio Smart Sprinkler Controller!**


Water only what's needed. With leading smart watering control and hyperlocal Weather Intelligence™ Plus, the Rachio 3 helps you monitor and manage your outdoor water use.

5★ Best Smart Sprinkler Controller  
Smart Sprinkler Controller of the Year




# Promotion and Marketing




- Social Media Ads
- Templates (newsletter, press release, etc.)

**Be Water Smart**  
Sponsored · Paid for by Be Water Smart - Regional Water Authority ·

For a limited time save 65 percent on a Rachio 3 Smart Controller through a rebate program offered by local water providers. The controller uses continuously updated weather data to adjust how long your sprinklers run. You can also monitor the controller from your smart phone with the Rachio app.



BEWATERSMART.INFO  
**Upgrade To a Smart Sprinkler Controller With Help From Local Water Providers**  
[Learn More](#)

 Like  Comment  Share

## *Ready for an Upgrade?*

### **New Rebate Program Available for Weather-Based "Smart" Sprinkler Controllers**

Residents can save now 65 percent on a Rachio 3 Smart Sprinkler Controller through a new rebate program offered by [\[insert your organization\]](#) in partnership with the Regional Water Authority and local water providers.

The Rachio 3 Controller acts like a thermostat for your sprinklers, using local weather conditions to adjust how long your sprinklers run. The controller automatically reduces sprinkler runtimes when the weather is cooler and increases them when the temperatures rise. You can also manage the controller from your smart phone with the Rachio app.

It's estimated that replacing a standard controller with a WaterSense-labeled smart controller like the Rachio 3 can save an average home about 13,500 gallons of water per year.

The Rachio 3 Smart Sprinkler Controller typically retails for about \$220 for an eight-zone system but are being offered at a reduced rate of \$75 plus tax. Residents will be responsible for installation.

Rebates are available for a limited time on a first-come, first-served basis until funding is exhausted. Rebate details, eligibility requirements and a link to the application are available at [BeWaterSmartInfo](#).



# Customer Support

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- FAQs tailored for RWA's program
- Dedicated email for the RWA program ([rwa@rachio.com](mailto:rwa@rachio.com))
- 1-844-4RACHIO customer support
- FedEx Ground shipping
- Pro Finder to help with installation
- Online videos and blogs about DIY installation
- Email reminders
- Link to BeWaterSmart.info for watering schedules
- Return policy

## RWA 2 Month, No Activation Email

Subject Line: Don't Forget! Activate Your Rachio Controller.

Preheader: Activate Your Rachio Controller Today!

Body:



Welcome to the Rachio Family! We can't wait to have you on board.

We noticed that you claimed your Rachio controller but haven't activated yet. We'd love to help you get up and running.

If you'd like to install the controller yourself, [click here](#) to walk through our easy DIY installation steps. If you'd prefer a professional installation, get in touch with a local Certified Rachio Pro\* using the [Rachio Pro Finder](#).

***Friendly Reminder:** The Program Agreement you signed when you claimed your controller requires you to activate your controller within 60 days of purchase. Customers with controllers not activated within 60 days of purchase may be contacted by the Regional Water Authority.*

Happy Watering,  
Team Rachio

P.S. Any questions on your installation process? If there's anything we can do to help, reply to let us know!

## For clarity...

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- 1 There is no requirement for pre or post inspections.
- 2 There is no installation services provided in this program. Customers choose DIY or professional installation.
- 3 This is a straight mail distribution program.
- 4 We are partnering with Rachio for controllers only, not Thrive.
- 5 Customers must agree to the Program's Terms and Conditions. Amy will send out to the group.





# Announcements & Events

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# Looking Forward...

<b>March 10, 2020</b>	City of Sacramento-TBD Location
<b>May 12, 2020</b>	Regional water Authority Soil Born Farms 2140 Chase Dr Rancho Cordova, CA 95670
<b>July 14, 2020</b>	City of Roseville 2005 Hilltop Circle Roseville, CA 95747
<b>September 8, 2020</b> <b>Note: Day after Labor Day</b>	Regional water Authority Sierra Health Foundation 1321 Garden Hwy Sacramento, CA 95833
<b>November 17, 2020</b>	San Juan Water District 9935 Auburn Folsom Rd Granite Bay, CA 95746
<b>December 8, 2020</b>	Old Spaghetti Factory –Rancho Cordova
<b>January 12, 2021</b>	Regional water Authority 5620 Birdcage St, STE 180 Citrus Heights, CA 95610



# Thank You!

## ..And please stay for lunch

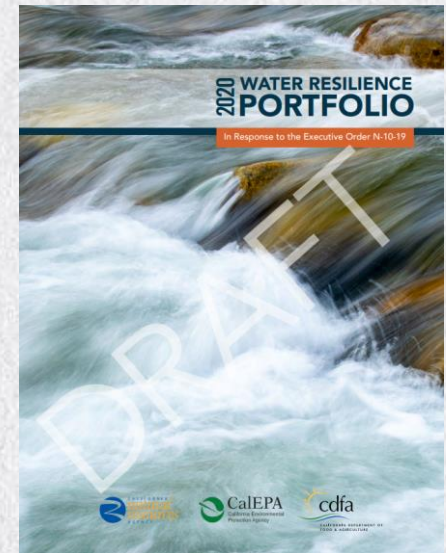


[BeWaterSmart.info](http://BeWaterSmart.info)

## BE WATER SMART

# State Regulation

- Water Loss
- Monthly Data Reporting
- Landscape Water Budgets-Land IQ
- Governor's 2020 Water Resilience Portfolio



1. *Wholesale Water Loss* — **Amy Talbot, RWA and Randy Cox, Placer County Water Agency**
2. *Water Use Studies* — **Greg Bundesen, Sacramento Suburban Water District, Patrick Pilz, California American Water and William Granger, City of Sacramento**
3. *Standards, Methodologies and Performance Measures* — **Roshini Das, City of Sacramento and Amy Talbot, RWA**
4. *Urban Water Management Plan Guidebook* — **Edwin deLeon, Golden State Water Company**
5. *Annual Water Supply and Demand Assessment* — **Paul Helliker, San Juan Water District**
6. *Data Streamlining* — **Paul Helliker, San Juan Water District and Roshini Das, City of Sacramento**
7. *Landscape Area Measurement\** — **Don Smith, City of Folsom, Tony Firenzi, Placer County Water Agency, and Amy Talbot, RWA**