



RWEPAC

November 9, 2021

WELCOME

Introductions

- Name
- Organization
- Audience choice

*WRITE ANSWERS IN
THE CHAT BOX ON
GOTOMEETING



Agenda

- Welcome and Introductions
- September 2021 Meeting Notes
- Presentation and Discussion: SB 606/AB 1668
- Indoor/Outdoor Use Studies
- General Program and Drought Update
- Presentation: Water/Energy Joint Programs, RHA
- Agency Announcements/Adjournment

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Meeting Notes

- September 2021
- Approve and post online?



SB 606 and AB 1668

Water Agency Water Use Objective =

INDOOR RESIDENTIAL
USE STANDARD



+

OUTDOOR RESIDENTIAL
USE STANDARD



+

COMMERCIAL, INDUSTRIAL,
AND INSTITUTIONAL
LANDSCAPE STANDARD



+

WATER LOSS
STANDARDS



+ (Variances) + (Recycled Water Bonus)



Residential Indoor

- DWR/SWB recommendation

Table 8-1. Comparison of Indoor Residential Water Use Standards (gpcd)

Starting Year	Current Statute	AB 1434	Joint DWR and Water Board Proposed Recommendation
2020	55	48	55
2025	52.5	45	47
2030	50	40	42

- Final Report still not released
- Next steps: New legislation likely to adopt DWR recommendation

Residential Outdoor

- Single and multifamily
- DWR is finalizing landscape area for each supplier
- Issues with DWR calc.
 - Ex: Irrigation efficiency
 - Ex. Irrigated versus irrigable
- Alternative data ok
- Next Steps: DWR releases final recommendations

Now .8 ET Factor for II, drops to .65 in 2030

• 0.7 ET Factor for Irrigable Irrigated (II) LAM

• 0.7 ET Factor for 20 % Irrigable Not Irrigated (INI) LAM, only if WUO is not met

Now 1.0
• 0.7 ET Factor for Special Landscape Areas and Recycled Water

• Remeasure and reevaluate
No clear recommendation

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CII Dedicated Irrigation Meters

- Targets for existing dedicated irrigation meters
- Similar budget calculation to residential landscape
- Suppliers are responsible for mapping landscape area
- Issues with billing, classification, etc.
- Discussion of threshold cut off for inclusion (volume or size based)



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Water Loss

- Targets are based on an economic model on real loss
- Apparent loss recently added
- Most suppliers in our region need to reduce 30-90% to reach target from baseline
- Suppliers can submit changes to model inputs for approval from SWB – now is the time
- Standardized Regulatory Impact Assessment (SRIA) released October 13th
- Next steps: Formal rulemaking starts December 24th
 - Initial 45-day comment period



CII Performance Measures

No.	Main	Category	Description
1	Commercial	1a. Office	Any office building with or without Cooling Towers
		1b. Retail Stores/ Services	Any retail stores/ services of wet and dry food market
		1c. Warehouse and Storage (Non-Temperature Controlled)	Any warehouse or storage building with non-perishable items (clothing, toys, etc)
		1d. Food Sales and Service	Any food service or restaurants (full service or non-full service)
		1e. Hotels and Lodgings	Any Hotels, Motels, extended stay, etc
		1f. Athletic Clubs and Gyms	Any Athletic Clubs (YMCA...etc) and Gyms (Planet Fitness, 24 Hr Fitness)
		1g. Theme Parks and Recreational Water Facilities	Any Theme Parks (Disneyland, Knotts Berry farm Water Facilities (Raging Waters...))
		1h. Entertainment/ Public Assembly	Any Concert Halls, Movie Theater, etc
		1i. Vehicle Wash (Automatic, Auto Detailer)	Any auto Car wash or Car wash with detailing
		1y. Mixed Commercial (For meters with multiple connections)	Any Commercial facility with multiple connections on one (1) meter account
		1z. Miscellaneous - Commercial	Any Commercial facility that does not fit the description of the above categories
		2	Industrial
2b. Warehouse and Storage (Temperature Controlled)	Any Storage Warehouse that uses Cooling systems for Temperature controlled or perishable products		
2c. Industrial Laundry and other laundry facilities	Any fabric cleaning (Uniform and Linen Supply, Washers and Dry Cleaners and Coin washers)		
2y. Mixed Industrial (For meters with multiple connections)	Any Industrial facility with multiple connections on one (1) meter account		
2z. Miscellaneous - Industrial	Any Industrial facility that does not fit the description of the above categories		
3a. Education (Universities, Colleges, HS, Elem, Pre-school)	Any Universities, Colleges, Educational facilities (HS, Elementary, Pre-school)		
3	Institutional	3b. Healthcare (Hospitals, Clinics, Lab facilities)	Any Hospitals, Medical Clinics, Dental Offices, Medical and Laboratory Services
		3c. Government & Utilities (Federal, State, County, City)	Any Govt Agency Offices, Prisons, Correctional. Any Water District, Gas Power Supply, Electricity Power Supply Companies, & Solid Waste
		3y. Mixed Institutional (For meters with multiple connections)	Any Institutional facility with multiple connections on one (1) meter account
		3z. Miscellaneous - Institutional	Any Institutional facility that does not fit the description of the above categories

Variiances

Threshold and calculations for each, supplier can request for:

- Horses and Livestock
- Dust Control
- Seasonal Population
- Sustaining Wildlife
- Fire/Emergency
- High TDS Recycled Water
- Potable Reuse Incentive
- Evaporative Coolers

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Resources Available

- AWE/CalWEP Tracking Tool
 - <https://www.allianceforwaterefficiency.org/resources/topic/water-conservation-tracking-tool>
- Status Update hosted by CalWEP
 - <https://calwep.org/framework-updates/>



What the **FRAMEWORK?**
A ROUND-UP OF WHAT'S GOING ON WITH THE NEW CONSERVATION REGULATIONS

Important Dates to Remember

- **Nov. 12, 1:00 – 4:00 PM** – **DWR Workshop: Calculate Objective and SB X7-7** – DWR to present tool to calculate objective compared to current use and SB X7-7. Registration [link](#)
- **Nov. 16, 9:00 – 12: 00 PM** – **DWR Workshop: Water Supply and Demand Assessment** – DWR to provide guidance for the Annual Water Supply and Demand Assessment (AWSDA). DWR will solicit input on the two key components of the AWSDA: (1) annual water shortage assessment guidance and reporting template, and (2) examples of water supply and demand assessment procedures to inform the annual water shortage assessment reporting. DWR will email out the draft guidance in early November ahead of the meeting. Registration [link](#)
- **Nov. 16, 1:00 – 4:00 PM** – **DWR Workshop: Outdoor and CII Recommendations** – DWR to present final draft recommendations (1) outdoor use standard, and (2) CII outdoor landscape area with dedicated irrigation meters standards. Registration [link](#)
- **Nov. 17, 9:00 AM – 12 PM, 1:30 PM – 5:00 PM** – **DWR Workshop: Draft Recommendations** – DWR to present final draft recommendations for (1) Variances, (2) CII Water Use Classification System, (3) Bonus Incentives. Present final draft recommendations on guidance and methodologies. Registration [link](#)

Important Dates to Remember

- **Dec. 2, 1:00 – 3:00 PM** – [SWRCB Public Workshop: Wastewater Management](#) – State Water Board to provide a detailed overview of the methods being used to evaluate potential impacts of the water use efficiency standards on local wastewater management, developed and natural parklands, and urban tree health. Click the following [link](#) for remote participation.
- **Dec. 3, 1:00 – 4:00 PM** – [SWRCB Public Workshop: Urban Trees and Parklands](#) – SWRCB to provide a detailed overview of the methods being used to evaluate potential impacts of the water use efficiency standards on local wastewater management, developed and natural parklands, and urban tree health. Click the following [link](#) for remote participation.
- **Dec. 24, 2021** – [Water Loss Regulation Formal Rulemaking starts](#)
- **June 2022** - Adoption of WUE standards by State Water Board
- **June 2022** - Annual water shortage assessment starts
- **July 2022** – Water Loss Regulation ends?
- **January 1, 2024** - First calculate budget



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Group Discussion – Regulation

- Any questions?
- Really important to attend the outcoming meetings
- Last chance to provide feedback until shifted to SWB process for adoption
- Can you live with it? If not, what do you want changed?



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General Program Updates

- WEP Budget/RWA Pass Through/Reserves
- MOSAC is OPEN!!!
- Water Spots Video Contest-deadline March 11, 2022
 - Theme: When in drought...
- CII Landscape Upgrades Program
- Rachio –individual agency program continues
- QWEL
- Bulk purchases?



Drought Update

- Switch to indoor savings/controller
- Monthly Reporting to SWB/water waste calls
- SEND MONTHLY PRODUCTION DATA to RWA!
- How are October savings looking?

2021 Monthly Water Production by Source (Million Gallons)													
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
SW	4,514	4,221	5,734	8,689	10,751	11,776	12,996	12,019	10,512	0	0	0	81,210
GW	2,359	1,992	2,311	3,194	4,877	5,750	5,718	5,643	4,878	0	0	0	36,721
Total	6,873	6,212	8,044	11,883	15,628	17,526	18,714	17,662	15,389	0	0	0	117,931
2020 Monthly Water Production by Source (Million Gallons)													
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
SW	4,114	4,731	5,932	6,593	9,837	11,516	12,645	12,827	10,514	9,759	6,447	5,128	100,043
GW	2,142	2,374	2,433	2,648	3,843	4,969	6,117	6,103	5,299	4,372	3,292	2,474	46,067
Total	6,255	7,105	8,365	9,241	13,680	16,485	18,762	18,931	15,814	14,131	9,739	7,602	146,110
RWA Monthly % Increase/Reduction						6.3%	-0.3%	-6.7%	-2.7%				
RWA Cumulative % Increase/Reduction						X	X	-3%	-3%				
State Monthly % Increase/Reduction						X	1.9%	5.0%					
State Cumulative % Increase/Reduction						X	X	3.5%					

WHAT DOES A 15% REDUCTION in water use look like?



HOUSEHOLD WATER USE

The average Sacramento-area household uses 350 gallons of water per day, with most water used outdoors. Here are some easy tips to reduce water use. Find the right combination for you to reduce by 15 percent or 53 gallons per day.



CHECK THE SOIL
BEFORE WATERING

saves
80 GALLONS
per day



ADJUST SPRINKLER TO WATER
PLANTS, NOT DRIVEWAY

saves
40 GALLONS
each time you water



USE MULCH ON SOIL
SURFACE

saves
30 GALLONS
per 1,000 sq. ft. each time
you water



WATER PLANTS EARLY
IN THE AM

saves
50 GALLONS
each time you water



FIX HOUSEHOLD
LEAKS

saves
30-50 GALLONS
per day



INSTALL HIGH-EFFICIENCY
SPRINKLERS

saves
8 GALLONS
per 1,000 sq. ft. per day



INSTALL DRIP-IRRIGATION

saves
15 GALLONS
each time you water



INSTALL A "SMART"
CONTROLLER

saves
100 TO 150 GALLONS
per day

For more tips on reducing water use, visit BeWaterSmart.info and [Insert your url here].



[Insert your
logo here]

Overwatering?



Find tips on how much water
your yard really needs at
BeWaterSmart.info





WATER Here



**DROUGHT
IS BACK**

BeWaterSmart.info



LESS Here

Premiere Panel
3" x 24'6"

DESIGN
1

 Clear Channel Out

Click here for tips on how to save water indoors and outdoors today!



Enter an address to find your water district:

Map UPDATED on Jul 06, 2021.

Map -

CITY OF FOLSOM
Water Source: Folsom Lake
Reduction: 0% Voluntary
Landscape Guidelines:

- Water will be used for beneficial uses; all Wasteful Use of Water are prohibited.
- Water shall be confined to the customer's property and shall not be allowed to run off to adjoining property or to the roadside ditch or gutter. Care shall be taken not to water past the point of saturation.
- Free flowing hoses are prohibited for all uses including landscape watering, vehicle and equipment washing, ponds, evaporative coolers and livestock watering troughs. Automatic shut-off devices shall be installed on any hose or filling apparatus in use.

Other General Guidelines:

- Washing of streets, parking lots, driveways, sidewalks or buildings is prohibited except as necessary for health, sanitation or fire protection.
- No irrigation of turf in center medians
- Restaurants shall only serve water on request.

Conservation Contact: Don Smith Phone: (916) 461-6174
Water Waste Phone: (916) 016-461-6174

Map -



En español Sac Region Smart Irrigation Scheduler



Learn Current Drought Watering Guidelines



Learn More

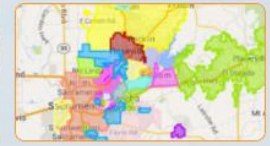
Rebates & Services



Top Ways to Save



Find Your Water Provider



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 garden tours for design ideas, a garden gallery to search for water efficient plants that meet your needs, water conservation tips, and much more.



Announcements

Free Mulch Available Saturday, September 28

Posted on September 2, 2021

NEWS RELEASE: RWA Urges 15 Percent Water Reductions Throughout the Sacramento Region

Posted on July 15, 2021

MEDIA STATEMENT: Sacramento Region Supports Governor's Call for Conservation

Posted on July 8, 2021

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2022 RWE PAC Meetings

Date

January 11, 2022

March 8, 2022

March 8, 2022

May 10, 2022

July 12, 2022

September 13, 2022

November 8, 2022

December 13, 2022

January 10, 2023

NOTE: All meetings are planned for virtual until further notice.



Zoom Meeting

Audio only With video

The graphic features two side-by-side photographs of Yorkshire Terriers. The dog on the left has long, shaggy grey and black fur. The dog on the right has shorter, golden-blonde fur and is wearing a bright pink polo shirt. In the bottom right corner of the graphic, there is a logo that reads "Sunshine & CHALK" with a small paw print icon. In the bottom left corner, the text "1200 x 1381" is visible.

Informal Lunch: TODAY noon @ Sammy's Pizza
6508/6510 Antelope Rd.; Citrus Heights, CA, 95621
Not a RWA sponsored event or official RWA meeting

Next RWE PAC – January 11th
Holiday Social?



Announcements & Events