



RWEPAC

November 14, 2023

WELCOME

Introductions

- Name
- Organization
- Fall Activity?



Agenda

- September 2023 Meeting Notes
- SB 606/AB 1668 Debrief
- Break
- Program Updates – Variety of Topics
- Agency Announcements/Adjournment
- Lunch @ 12:30 pm
- Nimbus Fish Hatchery @ 1:30 pm

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Meeting Notes

- September 2023
- Approve and post online?



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606/1668

Regulation

Debrief

RWA Main Concerns

- Landscape Factor .55
- Effective Rainfall
- Reporting
 - Amount and timing
- SWB data quality used to justify standards
- 24=% savings on top of 18% saving since 2013
 - Cost and feasibility
- Out of Scope
 - INI not included
 - NFT
 - New and existing landscapes
- Cost effectiveness
- Climate ready landscapes/trees
- CII Performance measures
- FY Reporting only impacts water loss audits

1st Comment Period Complete

- October 4th Oral Comments
- October 17th Written Comments
 - Close to 400 letters
- RWA Comment Letter
 - Technical and Legal Approach
- RWA Suppliers Comment Letters
 - Sac, SSWD, PCWA, Roseville, CWD, Folsom, ???
- ACWA/CalWEP Comment Letter
 - Redline text suggestions submitted



[illegible]

Immediate Deadlines

- December 31, 2023
 - Data Quality Questionnaire
 - Pressure Management Questionnaire
 - By SYSTEM, not supplier
- January 1, 2024
 - 606/1668 Objective Reporting to DWR
 - Template Meeting this Friday @ 9 am
 - Water Loss Audits to DWR
 - V6 Software upload open now!
 - Calendar Year 2022
 - Fiscal Year 2022/2023

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Formal Rulemaking

Task	Start date	End Date
Start rulemaking <small>(First public comment period)</small>	August 18, 2023	October 17, 2023
Public Workshop	October 4, 2023	
Second comment period	TBD	TBD
Adoption hearing	TBD	
Submit to OAL	TBD	
Rulemaking becomes effective	TBD	



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Next Steps

- SWB to develop “workgroups” to manage edits (November 15th)
 - Alternative Compliance
 - Outdoor (RWA)
 - Variances/Provisions
 - Reporting (RWA)
- SWB to make edits, release new draft, 2nd comment period
- Suppliers to provide comments again...and maybe again?
- Continue Office Hours??

What to do in the meantime?

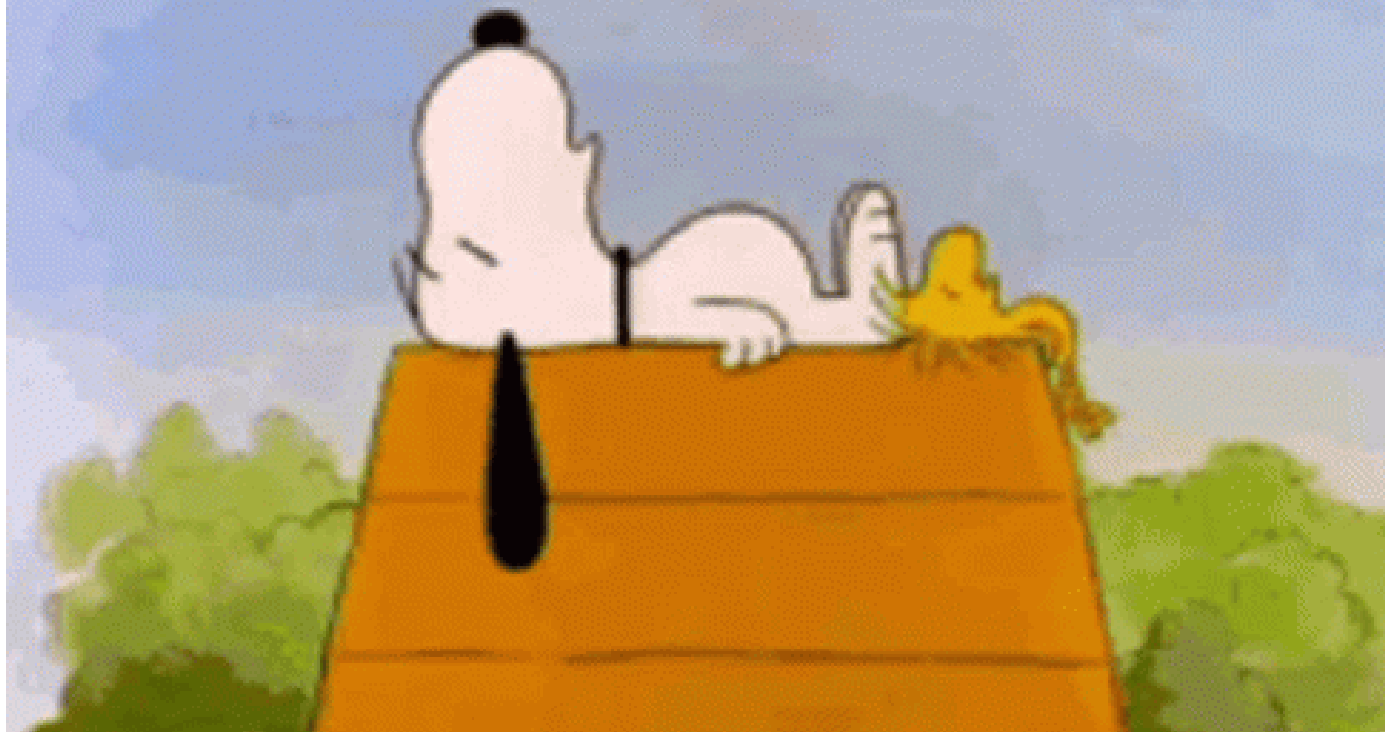
- Master Services/Consultant Contracts set up
 - Coordinate with CalWEP
- Refine data, budgeting, management discussions

**QUESTIONS? CONCERNS?
COMMENTS?**

LET'S TALK

memegenerator.net

Time to take a break



Program Updates

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Public Outreach Update

- Fall Fish Time
- Winter – focus on leaks, indoor and controllers off
- Article – Be a leak detective
- PRSA Influence Award for Stress your Lawn, Save your Trees!

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Fish and Water Efficiency

- We are bringing it back
- Water efficiency and fish runs
- Social media post text in toolkit with pics





FLIP ME OFF

Turn off your sprinklers during rain



Learn more tips at BeWaterSmart.info

Turn Off Your Sprinklers This Winter

"OFF 'TIL
SPRING"

BeWaterSmart.info


Let Your Sprinklers
Hibernate This Winter!





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Toilet Saturation Study

- Final report and supplier profiles available now!
 - Please review and let me know about questions.
 - 33% and 35% of SF and MF units have HETs.
- 

Toilet Saturation Study: City of Sacramento

Findings	Housing Units				
<ul style="list-style-type: none"> Single family is largest market opportunity 		1990	2012	2016	2020
	Single Family Units	99,002	117,235	117,619	122,280
	Multi-Family Units	51,641	74,274	74,991	77,221
	Total	150,643	191,509	192,610	199,501

Toilet Flush Rate Definitions
 GPF – Gallons per flush
 ULFT – Ultra low flush toilet = 1.6 GPF
 HET – High efficiency toilet = 1.28 GPF
 UHET – Ultra high efficiency toilet = 1.0 GPF or less

Findings	Toilets by Flush Rate							
<ul style="list-style-type: none"> Majority of remaining higher use toilets are in the single family market Generally high saturation of ULFTs+ 		Pre-1992	ULFT	HET	UHET	Total	% HETs or Lower Flow	% ULFTs or Higher Flow
	Single Family Toilets	63,460	119,591	85,318	1,869	270,238	32%	68%
	Multi-Family Toilets	15,989	46,981	36,378	1,812	101,160	38%	62%
	Total	79,449	166,572	121,696	3,682	371,398	34%	66%

Findings	Active Program Participation: 2003 - 2022				
<ul style="list-style-type: none"> Programs impacted 11% of high efficiency upgrades 		ULFT	HET	UHET	Total
	Single Family	1,950	5,424	91	7,465
	Multi-Family	2,462	6,820	1370	10,652
	Total	4,412	12,244	1,461	18,117

Findings	Toilets in DAC Census Areas				
<ul style="list-style-type: none"> DAC market offers best opportunity Multi-family DAC offers highest opportunity 		Total Toilets	HETs or Lower Flow	ULFTs or Higher Flow	Percent of Total Toilets
	Single Family	112,038	30,749	81,289	41%
	Multi-Family	56,381	15,885	40,496	56%
	Total	168,419	46,634	121,785	45%

Program Recommendations Ranking

- #1. Continue Leak Free Leak Repair Program
- #2. Multi-family DAC Premium HET Direct Installation or Toilet Tank Retrofits
- #3. Multi-family Toilet Leak Detection Device Incentives
- #4. Single Family Leak Detection Incentive

Next Steps

- First, design program and identify budget.
- Then, consider partnering with regional agencies to implement programs.
- Then, procure grant funding with prioritization of DAC program.

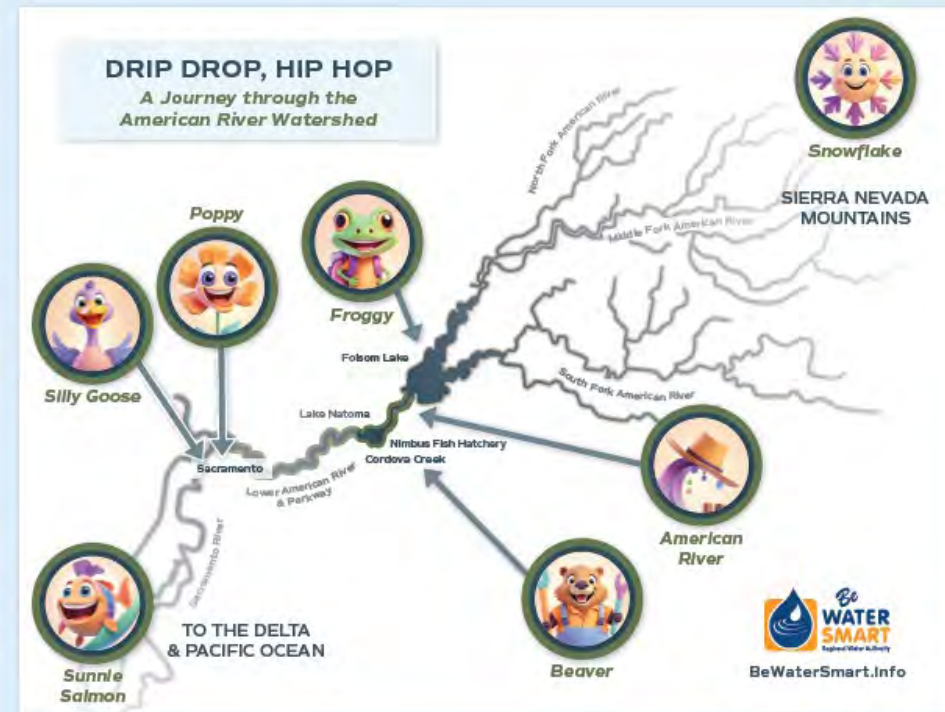
Brewery Partnership

- Outreach Materials Toolkit
- Starter kits at RWA & here
- Sign up to visit list
- Media events/promo video
- Newest brewery to join:
 - Red Bus in Folsom
- Craft Beer Summit 2024



School Education Grant

- Partnership with Michelle @ NorCal School of the Arts
- Grant funded \$300,000 for classroom/community events from Capital Region Creative Corps
- Work with local artists to develop water efficiency skit
- January 2024-June 2024
- Nov. 15th Focus Groups





A Walk ON THE DELTA

WEDNESDAY
October 11, 2023

10AM - 1PM
LUNCH PROVIDED

A SOD TOUR EVENT

Learn about New Industry Certifications for our Fescue-Bluegrass Sod
Tour our Production Fields of California Natives and Kurapia Groundcover Sod
See a Harvesting Demonstration

📍 DELTA BLUEGRASS CO. GROWING GROUNDS
111 N. ZUCKERMAN ROAD, STOCKTON

YOU MUST RSVP FOR THIS EVENT:

CONTACT MONICA GARCIA
mgarcia@rwah2o.org







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Field Trips

- ✓ Bee Haven at UC Davis
- ✓ SmartLandscape UC Davis
- ✓ Delta Bluegrass
- Nimbus Fish Hatchery - TODAY

IDEAS for 2024???? Let's keep it going!



Upcoming Trainings

- CalWEP Plenary
 - December 11th 11 am -4 pm in SF
 - Hybrid Event
 - Carpooling???
- Water Conservation Showcase
 - April 4, 2024
 - FREE! Sponsored by PGE
 - San Jose area
 - Abstracts due December 1st
- QWEL Update
- Regional CLCA training?



Upcoming Trainings



New year, learn new gardening techniques
roseville.ca.us

- Green Gardner at Home Class Series
 - Feb 1, 2024 through March 30th – Thursdays from 6-8 pm
 - \$55 for Roseville residents and \$65 for non-residents
 - Thank you, Roseville!
 - Sign up here:
https://anc.apm.activecommunities.com/cityofroseville/activity/search/detail/7477?onlineSiteld=0&from_original_cui=true
- WUE I Certification CA NV AWWA on Dec 5th
- NAWL –Denver – Dec 5-7th
 - <https://www.awwa.org/Events-Education/Water-Loss-Conference>
- CII Conference – February 27-28 – Sacramento Hilton
- Other ideas?

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AWE Studies

- Peak Demand - underway
- Large Landscape Study - underway
- RWA Landscape Transformation Study- completed



PROMOTING AN EFFICIENT & SUSTAINABLE WATER FUTURE

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IMPACT

RESOURCES

NEWS

EVENTS

MEMBERS

WATER SAVING TIPS

ABOUT

- Any - ▼

Apply

Reset

2023



WATER AND ENERGY SAVINGS
ESTIMATES FOR CII LANDSCAPE
UPGRADE PROJECTS

Photo by: [unreadable]

Water and Energy Savings Estimates for CII Landscapes Upgrade Projects

In 2022 AWE collaborated with Regional Water Authority (RWA) to prepare a report titled "[Water and Energy Savings Estimates for CII Landscapes Upgrade Projects](#)". RWA is a joint powers authority representing water providers and affiliates in the Sacramento region of California.

[Read More »](#)



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2023 RWE PAC Meetings

Date
January 10, 2023
March 14, 2023
May 9, 2023 @ RWA
July 26, 2023 @ UC Davis SMART Landscape
September 12, 2023 @ Sacramento
November 14, 2023 @ Sierra Health
December 14, 2023 – Holiday Social

Holiday Social: @ The Old Spaghetti Factory, Rancho Cordova, 11:30 am – 2:00 pm. All water efficiency staff are invited.



Social Hour This Thursday! William to provide details.

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Nimbus Fish Hatchery Tour

- Tour from Laura
- 1:30-3:00 pm
- Meet here: 2001 Nimbus Rd, Gold River, CA 95670
- Park in parking lot
- We will meet near the front of the display area
- Call Amy if you get lost @ 214.914.2510
- Fish ladder is open!
- Egg taking is happening!
- Perfect time for a tour.
- 22 people signed up.





Announcements & Events