

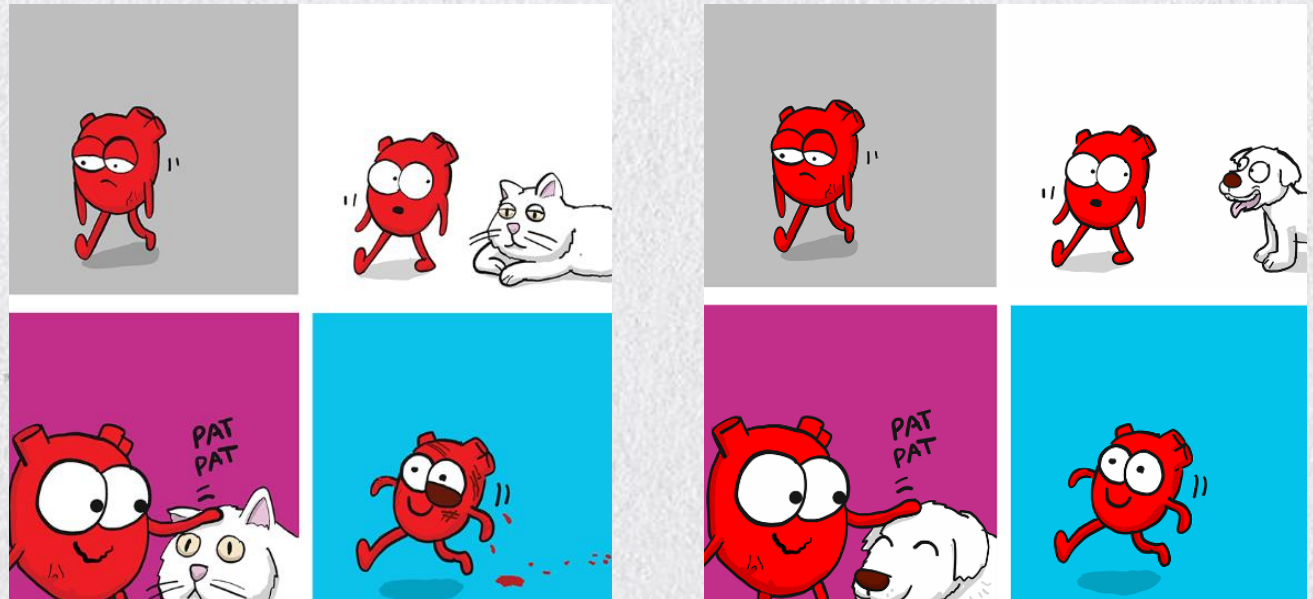


RWEPAC

September 12, 2023

WELCOME Introductions

- Name
- Organization
- Favorite Comic



Agenda

- July 2023 Meeting Notes
- City of Sacramento Host Presentation
- SB606/AB1668 and Reporting Regulations
- Break
- Land IQ CII DIM Landscape Budget Presentation
- Program Updates – Variety of Topics
- Agency Announcements/Adjournment
- Lunch @ 12:30 pm

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Meeting Notes

- July 2023
- Approve and post online?



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City of Sacramento Host Presentation

- Take it away, William!



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606/1668

Regulation

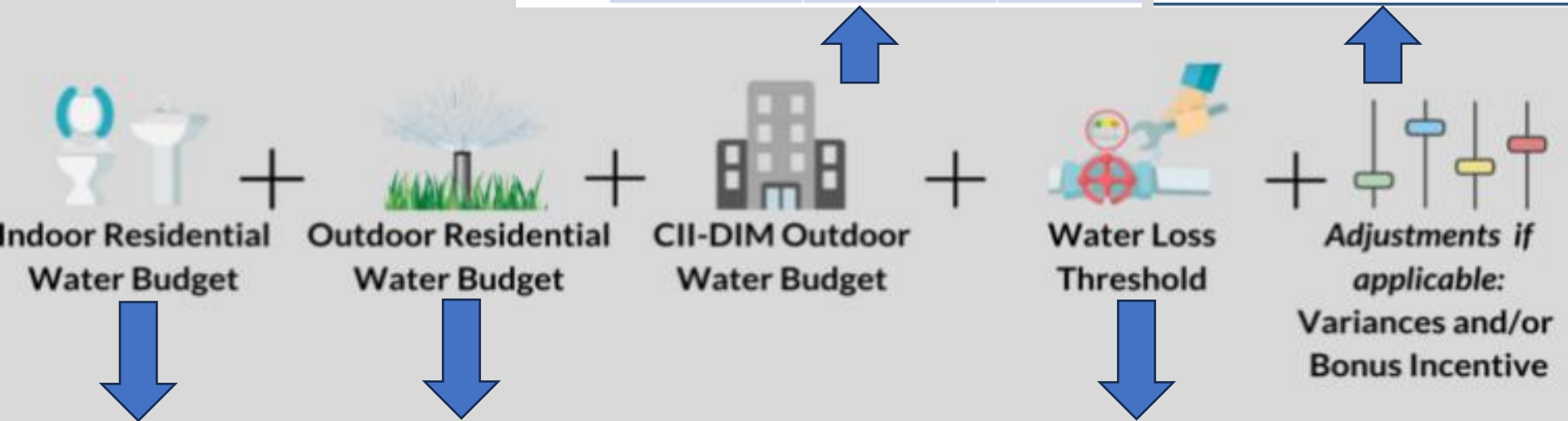
Existing landscapes

Year	Standard
2020	0.80
2030	0.63
2035	0.45
Special Landscape Areas	1.00

Landscapes associated with new construction

Year	Standard	INI Buffer
Any	0.45	NA

Evaporative Coolers	Threshold 5% of budget
Fluctuation in seasonal populations	
Populations of horses & other livestock	
Areas irrigated with high TDS recycled water	
Water to supplement ponds and lakes to sustain wildlife	
Water needed to respond to emergency events	
Dust control on horse corrals or other exercise arenas	
Water used to irrigate residential-agricultural landscapes	



2020	55
2025	47
2030	42

Existing landscapes

Year	Standard	INI Buffer
2020	0.80	Up to 20%
2030	0.63	Up to 20%
2035	0.55	Up to 20%
Special Landscape Areas	1.00	NA

Landscapes associated with new construction

Year	Standard	INI Buffer
Any	0.55	NA

Individual system
standards on
SWB website

DIMs or “in-lieu” tech for qualifying landscapes

- Threshold to determine which CII landscapes qualify
 - 500,000 gallons annually
- Defining "in-lieu" technologies
 - Hardware, software, actions

Performance Measure

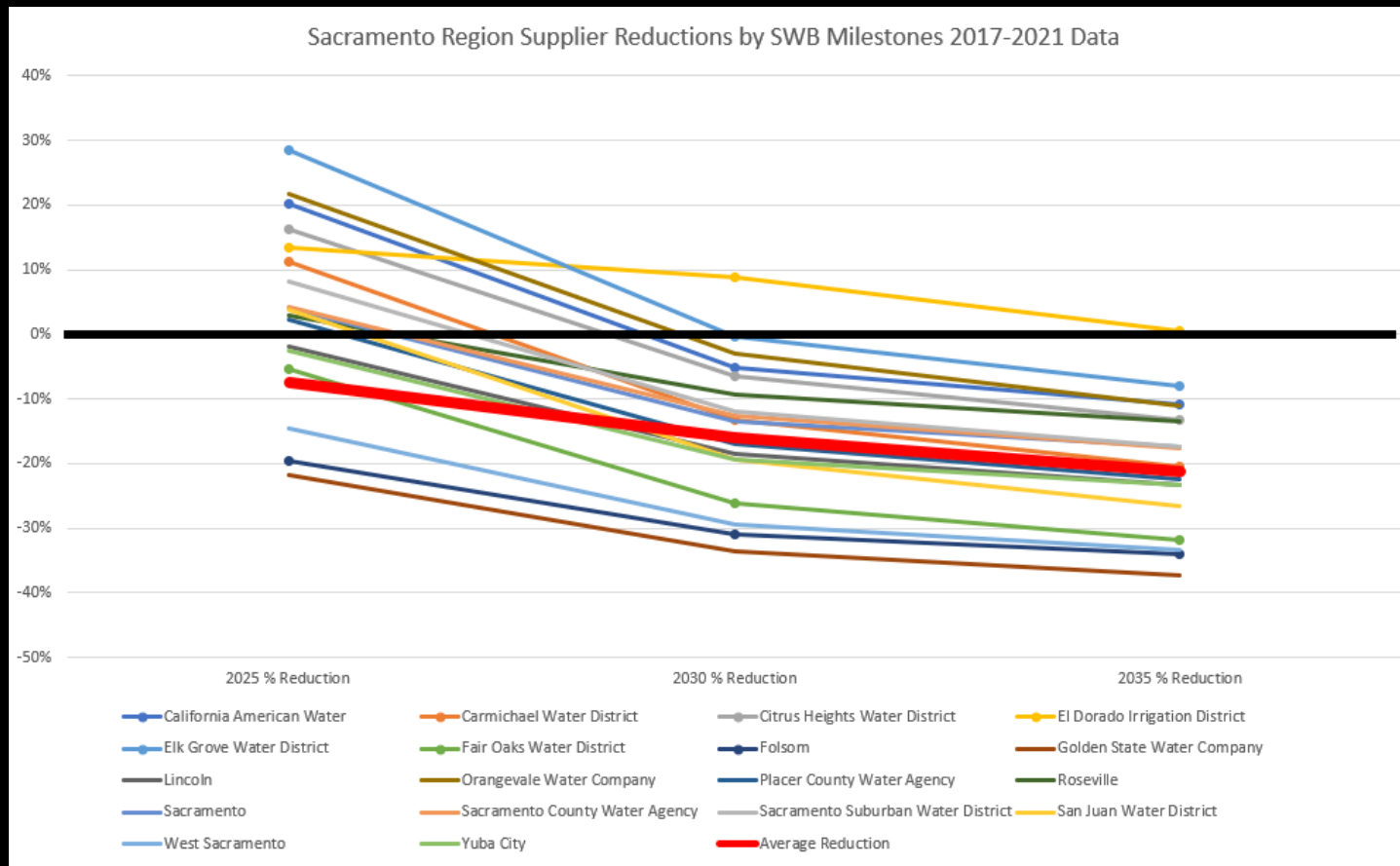
Comparing to DWR Recommendations

Staff Proposal

- Top 20% threshold
 - 1 BMP per category
- Top 2.5% threshold
 - 2 BMPs per category
- "Disclosable building" threshold
- BMPs
 - DWR recommendations
 - Measures to:
 - Prioritize water for trees
 - "Slow the flow"

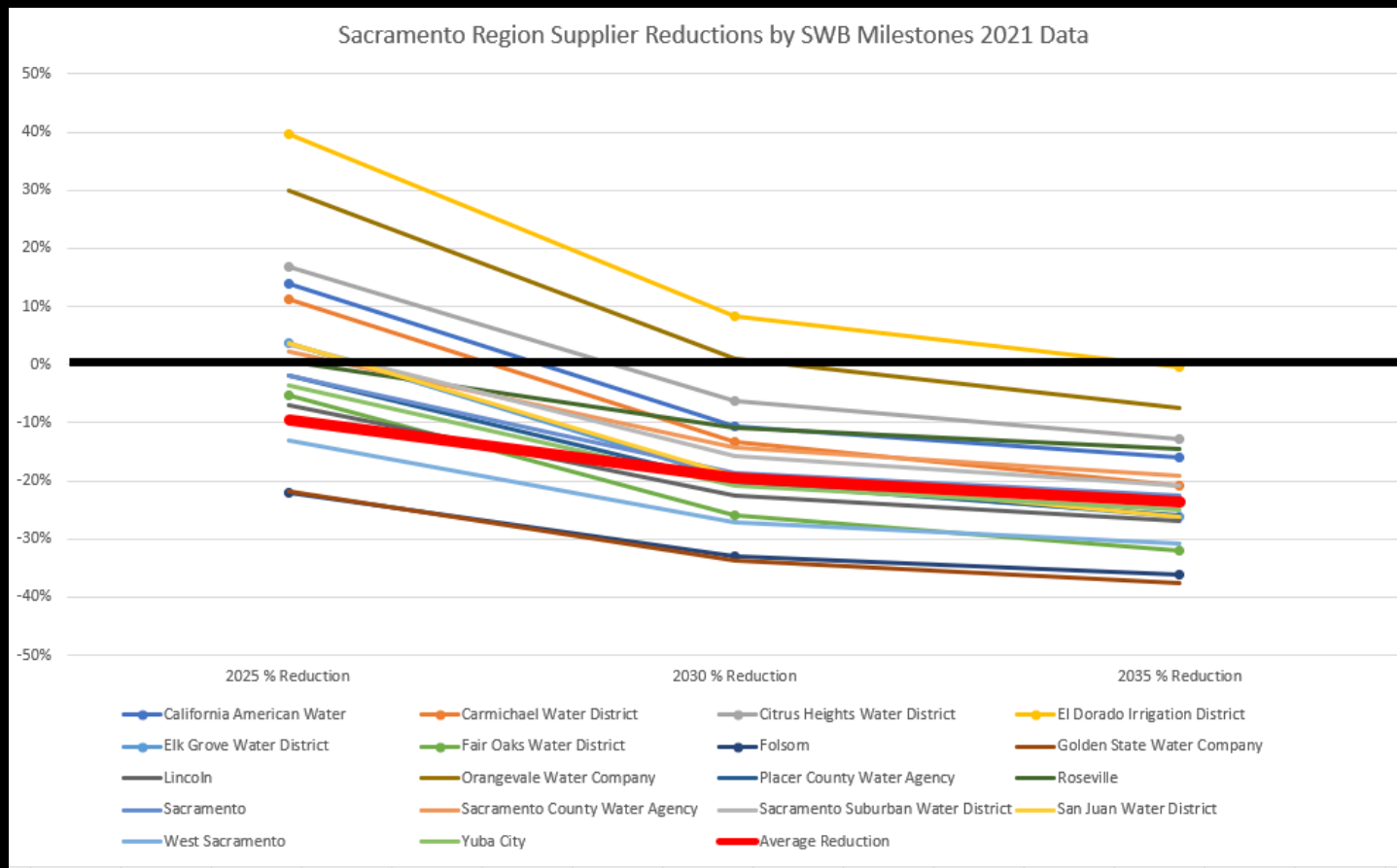
DWR Recommendations

- 20% Threshold
- 2.5% Threshold
- BMPs
 - Outreach, Technical Assistance and Education
 - Incentive
 - Landscapes
 - Collaboration and Coordination
 - Operational



Supplier	2025 % Reduction	2030 % Reduction	2035 % Reduction
Average Reduction	-7%	-16%	-21%

Source: https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/water-use-explorer/



Supplier	2025 % Reduction	2030 % Reduction	2035 % Reduction
Average Reduction	-10%	-19%	-24%

Source: https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/water-use-explorer/

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Reporting

- Reporting Timeline
 - January 1, 2024
 - Data used could be 2024 calendar or 2023/2024 fiscal year
 - Per WC Sections 10609.20 and 10609.22, an urban retail water supplier is required to calculate its UWUO and actual water use for the prior year no later than January 1, 2024, and by January 1 every year thereafter. These calculations are to be based on the urban retail water supplier's water use conditions for the previous calendar or fiscal year.
- Report to DWR in 1/1/2024
- Report to DWR and SWB in 1/1/2025 and beyond
- New Regulation changes code to be on FY Reporting

RWA Main Concerns

- Landscape Factor .55
- Effective Rainfall
- Reporting
 - Amount and timing
- SWB data quality used to justify standards
- 20=% 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

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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

- READ THE REGULATION!
 - SWB Spreadsheet
 - Calculate budgets internally
 - Create list of concerns
 - CalWEP Cut Sheets
 - RWA office hours
 - High level presentation template
 - Attend on October 4th
 - Comment Letters due October 17th
 - RWA Draft comment letter out soon!
 - Perspective – we care about this and we have major concerns
- 

BREAK TIME,



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Land IQ Presentation

- Take it away, Adriana!



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Program Updates

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Toilet Saturation Study

- Reviewing final report and supplier profiles now!
- Need to do a doodle poll presentation
 - October 12th or 18th
 - Winning time looks like October 12th from noon to 1 pm.
 - Fill out doodle poll if you haven't already

Toilet Saturation Study: California American Water

Findings

- Single family is largest market opportunity
- Growing multi-family market
- New development will be high efficiency

Housing Units

	1990	2012	2016	2020
Single Family Units	46,040	57,439	57,553	58,340
Multi-Family Units	17,398	23,875	23,990	23,990
Total	63,438	81,314	81,543	82,330

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

- Majority of remaining higher use toilets are in the single family market
- Generally high saturation of ULFTs+

Toilets by Flush Rate

	Pre-1992	ULFT	HET	UHET	Total	% HETs or Lower Flow	% ULFTs or Higher Flow
Single Family Toilets	29,746	58,475	39,182	1,527	128,930	32%	68%
Multi-Family Toilets	6,400	14,544	9,677	806	31,427	33%	67%
Total	36,146	73,019	48,859	2,333	160,357	32%	68%

Findings

- Programs impacted 12% of high efficiency upgrades

Active Program Participation: 2003 – 2022

	ULFT	HET	UHET	Total
Single Family	188	3,267	950	4,405
Multi-Family	49	1,287	627	1,963
Total	237	4,554	1,577	6,368

Findings

- DAC market offers best opportunity
- Multi-family DAC offers highest opportunity

Toilets in DAC Census Areas

	Total Toilets	HETs or Lower Flow	ULFTs or Higher Flow	Percent of Total Toilets
Single Family	48,162	12,269	35,893	37%
Multi-Family	22,666	5,642	17,025	72%
Total	70,828	17,910	52,918	44%

Program Recommendations Ranking

- Multi-family DAC Premium HET Direct Installation OR Toilet Tank Retrofits
- Multi-family Toilet Leak Detection Device Incentives
- Single Family Leak Repair and Fixture Replacement Program
- Single Family Leak Detection Incentive

Next Steps

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

Brewery Partnership

- Outreach Materials Toolkit
- Last Push until September 23rd
- Sign up to visit list
- Newest brewery to join:
Jack Rabbit in West Sacramento
- Media events – Urban Roots
Solid Ground



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 shows about water efficiency
- Need city of Sacramento approval – expected to happen
- Sacramento, Yolo and El Dorado counties
- Using program funding to extend to Placer County
- December 2023-June 2024
- Launch at Public Outreach meeting

Nonfunctional Turf Legislation

- [AB 1572](#) (Friedman)
 - Definition of nonfunctional turf
 - Focus on CII and multifamily, no single family residential, but maybe HOAs
 - Customer certification
 - Tiered implementation timeframe
 - State and local enforcement options
- Next Steps
 - CalWEP, MWD and others in support

Native Plant Legislation

- [AB 1573](#) (Friedman)
 - Native plants for new or renovated nonresidential areas – not less than 25% by 2026 – project landscape area
 - Excluding recycled water uses and edibles
 - Workgroup to understand what it would take to get to 75% by 2035
- RWA concerns
 - Industry capacity and plant health/seeding
 - No idea of current native plant offerings
 - Redundant with MWEL0
- Next Steps
 - RWA/ACWA not in support
 - MWD looking to support

DAC Budget Legislation

- AB 1072 (Wicks)

- 40% of water efficiency budget dedicated to DAC programs
- If 10% or less DACs, can change to 10% requirement
- By 2025
- Wholesale and retail suppliers
- Focus on direct install, landscape at time of purchase
- Can use regional entity to complete
- If you don't meet requirements, not eligible for state grants for any project

Next Steps

- Two-year bill – watching for now



A Walk ON THE DELTA

WEDNESDAY
October 11, 2023

10AM - 1PM
LUNCH PROVIDED

A SOD TOUR EVENT

Learn about New Industry Certifications for our Pescue-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

Limited
to 20
folks

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2023 RWEPAAC Meetings

Date
January 10, 2023
March 14, 2023
May 9, 2023 @ RWA
July 26, 2023 @ UC Davis SMARTLandscape
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.



Networking Luncheons	Location
April 11 th	El Tapatio ✓
June 21 st	Tres Hermanos ✓
October 10th	Canceled due to Delta Bluegrass Tour



Announcements & Events