

Thank you, SSWD!



RWEPAC
March 11, 2025

WELCOME

Introductions

- Name
- Organization
- What's your favorite pizza type and/or pizzeria?



Agenda

- Welcome/Introductions
- January 2025 Meeting Notes
- Host Presentation from Greg
- NFT Requirements
- Break
- Conservation Regulation – CII Classification
- Program Updates
- Agency Announcements/Adjournment
- Lunch @ 12:30 pm

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Meeting Notes

- January 2025
- Approve and post online?



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Host Presentation

- Take it away, Greg!



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NFT Model Ordinance

- Released draft of model ordinance to small group
- Submitted it for legal review, not back yet
- Identify the bare minimum to include “on the books”
- Identify additional options for inclusion
 - What do you replace NFT with?
 - Groundcover, % permeable requirements etc.
- FAQs for customers on BWS.info website
- Educational Video/Webinar for customers about NFT
- What do you need?

NFT Model Ordinance

FAQs for Suppliers

1. What entities have the authority to enforce the prohibition of potable irrigation of nonfunctional turf with customers?
2. Do suppliers have to use the AB 1572 definitions for words (like functional and nonfunctional) included in the ordinance, policy, or regulation AB 1572 requirements or can they create their own definitions?
3. Can they create their own definitions that are more detailed or stringent to help with customer clarity?
4. What if the definitions in AB 1572 contradict existing local ordinances, policies or regulations, which version takes precedent?
5. Do suppliers have to adopt the required language word for word?
6. What happens if suppliers don't enforce the NFT restrictions?
7. Is there a regional customer waiver form? Is that allowed?
8. Does the DAC extension apply to the whole supplier's service area or just the properties located in a community that meets the DAC definition within a supplier's service area?
9. Should suppliers inform property owners about their requirement to self certify – functional or nonfunctional landscapes as required by AB 1572?
10. What is the tie between NFT and water waste violations?
11. Any additional questions?

NFT Model Ordinance

FAQs for Customers

1. What is the AB 1572 prohibition of potable irrigation of nonfunctional turf law?
2. What is non-functional and functional turf?
3. What properties are affected?
4. When will this ban take effect?
5. Why convert turf?
6. Does the ban apply to residential properties?
7. Does the ban apply to recycled water?
8. I have trees in my turf, can I still irrigate them?
 - a. Simple answer: allowed to irrigate trees only, not surrounding grass
 - b. Complex answer: allowed to irrigate trees only but must meet certain requirements like 1 tree per XX square feet, only drip irrigation, no overhead sprays, etc.
 - c. More complex answer: What to do if a tree is on a slope?
9. Are there rebates to help with replacing NFT?
10. Who do I contact about rebates?
11. Are design services available to assist landscape replacement?
12. Will rebate funding always be available?
13. What are suppliers providing rebates for replacing NFT?
14. What if other businesses have NFT but are still irrigating? Can I still irrigate my NFT property?
15. Who decides if a landscape is NFT?

NFT Model Ordinance

16. How can I make my NFT switch to functional turf?

- a. If it is grazed, then it is functional. <https://www.sheepmowers.org/>
- b. Presence of trees.
- c. Visual cues for regular use like gazebos, picnic tables

17. Can I request an exception for my landscape?

18. If I remove the turf grass, can I continue to irrigate the landscape?

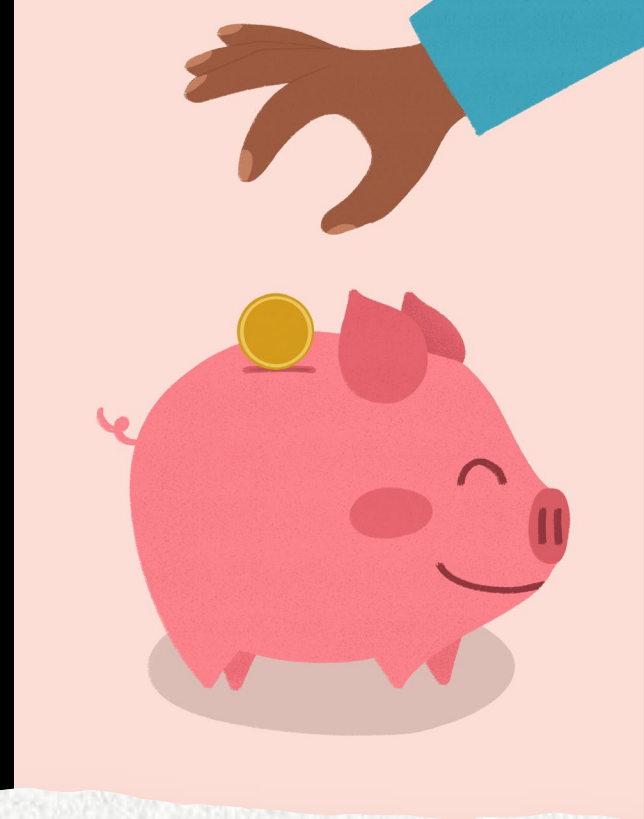
19. What options do I have to replace the turf grass with other plant materials?

- a. G3 mix of groundcover, keep sprinklers, NFT—goes functional
 - i. Example: <https://youtu.be/LzGI-8pocmo>
- b. Suppliers want to encourage a landscape material change but not require it.

20. How are the NFT turf and waste water ordinances related? Can I get enforced/violate both at the same time?

21. Additional questions?





Conservation Regulation

CII Identification

Three options for high water use identification and reporting:

Option 1 - High Water Users regardless of Classification Type

- By June 30, 2025 – Identify:
 - a. Existing CII water users at or above the 97.5th percentile for total CII water use across all classifications (also referred to as the top 2.5%).
 - b. Existing CII water users at or above the supplier's 80th percentile for total CII water use across all classifications (also referred to as the top 20%).

Option 2 - High Water Users in each Classification

- By June 30, 2027 – Identify:
 - a. Existing CII water users at or above the supplier's 97.5th percentile for total CII water use.
 - b. Existing CII water users at or above the supplier's 80th percentile for water use within each of the 22 classification categories described in Section 972.

Option 3 - Key Business Activity Indicators

- By June 30, 2029 – Identify:
 - Existing CII water users that appear to be inefficient according to Key Business Activity Indicators (KBAs) developed for each classification category described in Section 972. Suppliers may also develop KBAs for specific ENERGY STAR Portfolio Manager property types.

What Option is Right for Me?

Option	Advantages	Challenges
1	<ul style="list-style-type: none"> ✓ Targets Largest Water Users – focusing on the highest consumers ensures that conservation efforts address the most significant opportunities for savings. ✓ Simple Calculation – requires only a ranking of total CII water use across all customers without the need to classify them into specific categories. ✓ Easier Compliance for Suppliers with Limited Data – no need to differentiate users by classification, making it more manageable for agencies without detailed business activity data. 	<ul style="list-style-type: none"> ✗ Lack of Context for Water Use – a high-use account may be efficient for its business type (e.g., a hospital or laundry service naturally uses more water than an office building). This could lead to mislabeling high but reasonable water users as "wasteful." ✗ Potential Equity Issues – businesses in water-intensive industries (such as food production or cooling-heavy industries) may be unfairly targeted for conservation. ✗ Limited Actionability – without understanding why an account is a high water user (e.g., is it due to inefficiency or just high demand?), it may be difficult to prescribe meaningful conservation actions.
2	<ul style="list-style-type: none"> ✓ More Accurate Benchmarking – identifying high water users within their respective business classifications provides better comparisons and fairer assessments. ✓ More Meaningful Conservation Opportunities – suppliers can target businesses with above-normal water use for their sector, leading to more practical conservation efforts. 	<ul style="list-style-type: none"> ✗ More Complex Data Management – agencies must correctly classify all CII users, which could be difficult for suppliers without robust customer databases. ✗ Resource-Intensive for Smaller Suppliers – may require investment in additional administrative or data management resources.



3

- ✓ Most Accurate Identification of Inefficiency – instead of using raw water use, KBAs factor in operational context, such as customer counts, facility size, and industry-specific benchmarks.
- ✓ Focuses on True Waste Reduction – identifies businesses that are inefficient rather than simply high water users.
- ✓ Customizable to Business Types – agencies can develop industry-specific KBAs or adopt ENERGY STAR Portfolio Manager benchmarks for deeper insight.
- ✓ Encourages Smart Water Management Practices – businesses will receive meaningful recommendations tailored to their operations.

- ✗ Requires the Most Data & Analysis – suppliers must develop and track Key Business Activity Indicators, which requires significantly more data collection and validation.
- ✗ Delayed Implementation – actionable insights are postponed until 2029, meaning high-use but inefficient customers remain unaddressed for years.
- ✗ Potential Resistance from Businesses – more complex reporting could lead to pushback from businesses concerned about additional data collection or privacy.
- ✗ High Administrative Burden – agencies must create industry-specific indicators, which can be resource-intensive.

Categories for Best Management Practices

This list is not exhaustive, and some programs may address multiple Best Management Practices (BMPs) simultaneously.

Outreach, Technical Assistance, and Education

- Direct contacts
- Bill inserts
- Workshops or developing training videos
- Webpage portals
- Cost-effectiveness analysis tools
- Commercials or advertisements
- Grass roots marketing
- Community based social marketing

Collaboration and Coordination

- "Green" building certification programs
- Land use authorities for landscape designs
- NGOs on outreach and education
- With municipal arborists and tree planting orgs
- Stormwater orgs to install green infrastructure

Landscape Practices

- Landscape and irrigation management practices
- Irrigation system inspections, audits, or surveys
- Irrigation scheduling and maintenance
- New development landscape support
- Turf replacement with climate-ready vegetation and trees
- Install green infrastructure to offset irrigation

Operational Practices

- Infrastructure changes (AMI)
- Billing or data collection procedures

Incentives

- Rebates and cost-sharing programs
- Water efficient customer recognition
- Indoor/Outdoor water use technologies



CI Customer Categories



Banking/Financial
Services

Education

Entertainment/
Public Assembly

Food Sales
and Service

Health Care

Lodging/
Residential

Manufacturing/
Industrial

Mixed-Use

Office

Parking

Public Services

Religious

Retail Services

Technology/
Science

Utility

Warehouse/
Storage

Workshop

Other



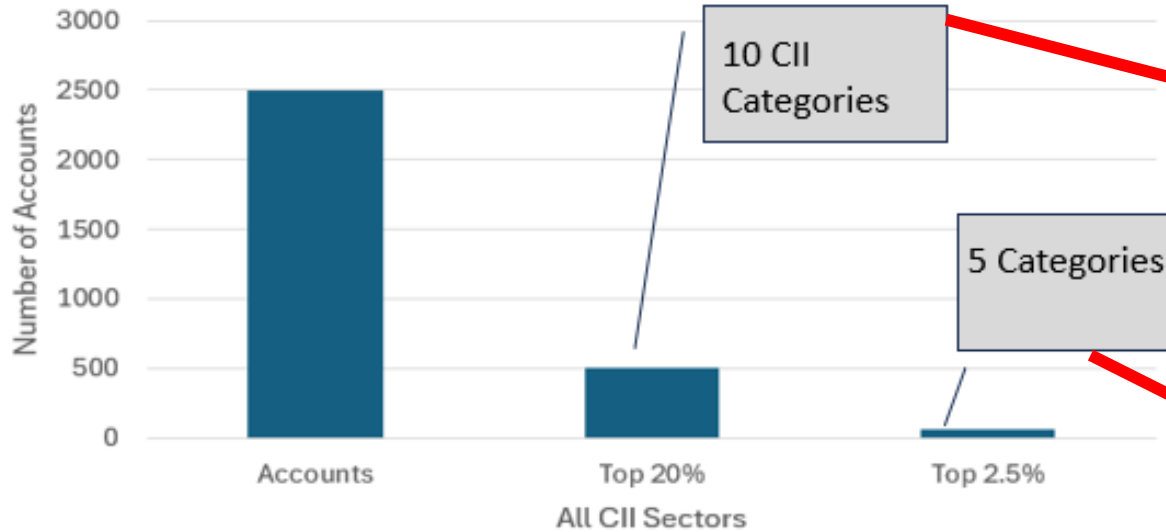
CI Laundries

Landscapes with Dedicated
Irrigation Meters (DIM)

Water Recreation

Car Wash *

Identification Option 1



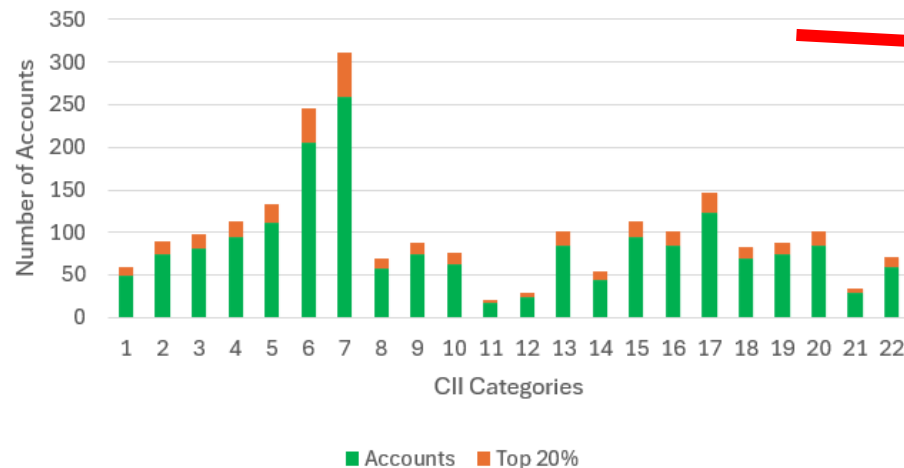
Top 20%

10 CII categories X 1 BMP X
5 BMP categories =
50 BMPs

Top 2.5%

5 CII categories X 2 BMPs X
5 BMP categories = **50 BMPs**

Identification Option 2

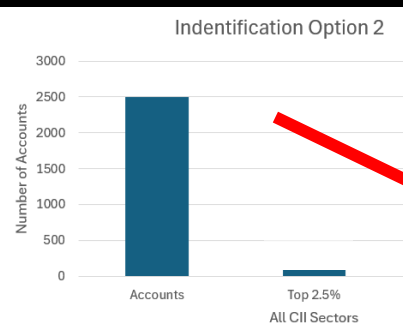


Top 20%

22 CII categories X 1 BMP
X 5 BMP categories =
110 BMPs

Top 2.5%

5 CII categories X 2 BMPs
X 5 BMP categories =
50 BMPs



How do you calculate the 80th percentile and 97.5th percentile?

Percentile calculations are based on CII customer account amounts, not based on usage.

Step 1: Count the total number of CII Customers

- Example: Supplier XYZ has 30 CII Customers

Step 2: Calculate the number of accounts that make up 97.5th percentile

- Equation: $(1 - \text{Percentile}) * (\text{Total CII Accounts})$
 - Example: $(1 - .975) * 30 = .75$ (round up to nearest whole number)
 - This step informs you on how many customers you will be looking at. For Supplier XYZ, 1 customer is the 97.5th percentile.

Step 3: Calculate the number of accounts that make up 80th percentile

- Equation: $(1 - \text{Percentile}) * (\text{Total CII Accounts})$
 - Example: $(1 - .80) * 30 = 6$ (round up to nearest whole number)
 - This step informs you on how many customers you will be looking at. For Supplier XYZ, 6 customers make up the 80th percentile.

Step 4: Sort your CII Customer list from Largest to Smallest on the column that has Annual Usage.

- Example: For Supplier XYZ, the customer with the highest usage is the first sorted customer (result of Step 2) at the 97.5th percentile with their usage of 19,978 CCF. Top 6 sorted customers (result of Step 3) make up the 80th percentile with their combined usage of 111,606 CCF.

Supplier XYZ Example Data

Customer Account	Classification	Annual CCF
0000015	Car Wash	19,978
0000007	CII Laundries	19,328
0000028	DIM	18,294
0000009	DIM	18,232
0000018	DIM	17,970
0000023	Religious	17,604
0000017	CII Laundries	17,765
0000025	Car Wash	17,166
0000004	Warehouse/Storage	16,316
0000016	Car Wash	16,157
0000006	Car Wash	16,098
0000026	Car Wash	15,238
0000024	Warehouse/Storage	15,046
0000029	DIM	14,676
0000011	Education	12,585
0000008	DIM	10,365
0000014	Warehouse/Storage	10,175
0000005	Car Wash	9,661
0000019	DIM	8,180
0000013	Religious	7,928
0000022	Health Care	7,530
0000030	DIM	7,476
0000002	Health Care	7,197
0000027	CII Laundries	6,058
0000003	Religious	5,594
0000012	Health Care	5,387
0000020	DIM	5,031
0000010	DIM	2,533
0000021	Education	1,858
0000001	Education	940

Option 1 Questions!

- What needs to be submitted to the SWB?
 - Number of accounts for top 2.5% and 80%
- Does it need to be submitted by July 1st?
 - No, submit the data along with January 1st report
- What data should be included?
 - Accounts calculations should be done on FY data
 - July 1, 2024 – June 30, 2025
 - CII DIMs should be included in the top customer calculations

CII Classification

By June 30, 2027, all CII water users must be classified into 22 categories. Prior to the June 30, 2027 deadline, a supplier will report on the classification progress to-date. A value of zero means no customers have been classified in that category to-date.



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Banking/Financial
Services

Education

Entertainment/
Public Assembly

Food Sales
and Service

Health Care

Lodging/
Residential

Manufacturing/
Industrial

Mixed-Use

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Workshop

Other



CII Laundries

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PARTNERSHIP

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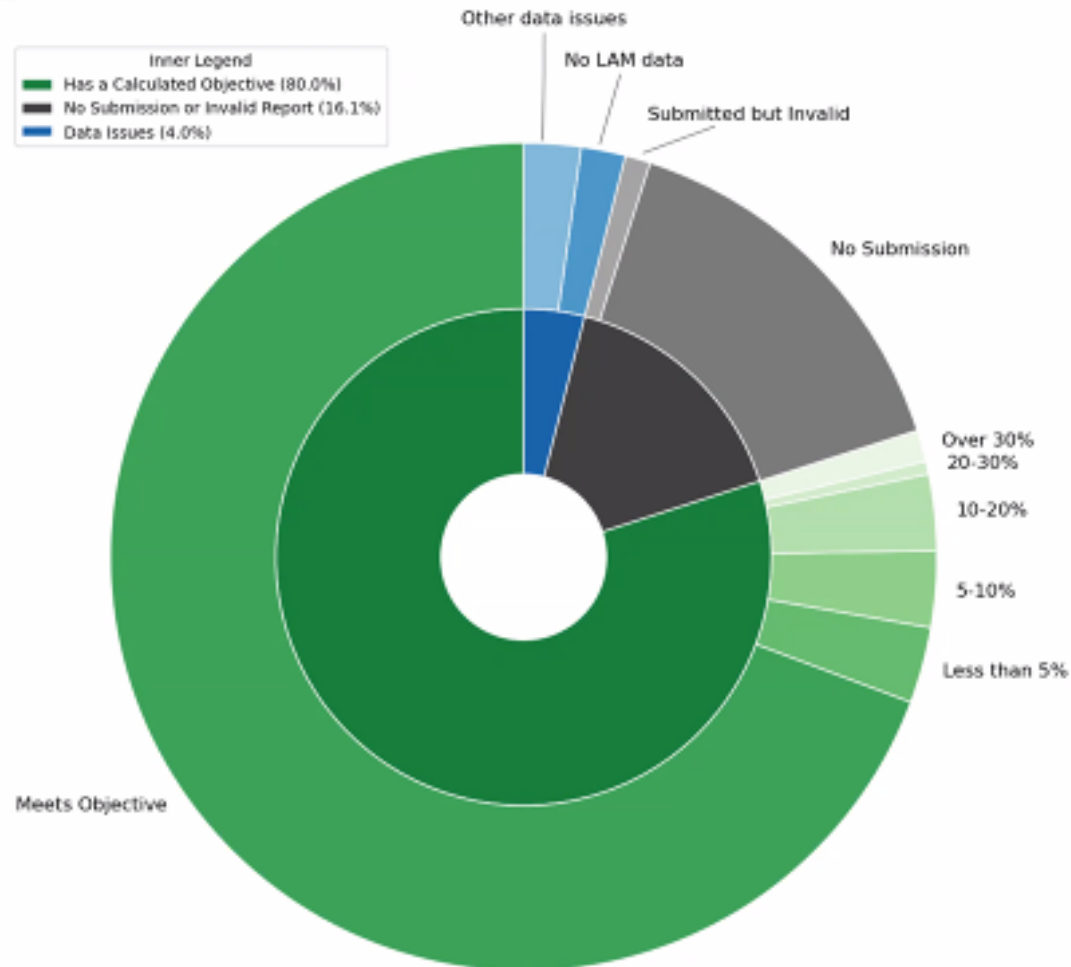
By January 1 every year thereafter, each urban retail water supplier shall submit to DWR and the State Water Board, for the previous state fiscal year, on a machine-readable form provided by the Board, the following:

(1) Relevant data pursuant to section 974(c) through 974(h)

- For Option 1 and Option 2:
 - The number of CII water users at or above the 97.5th percentile for water use and the best management practices offered to the 97.5th percentile water users.
 - The number of CII water users at or above the 80th percentile for water use and the best management practices offered to the 80th percentile water users.
 - List of BMPs offered to the 97.5th and 80th percentile.
 - The estimated annual water savings associated with the BMPs offered to the 97.5th and 80th percentile.
- For Option 3:
 - The key business activity indicators (KBAI) developed for each of the classification categories.
 - Any KBAI the supplier has developed for specific ENERGY STAR Portfolio Manager property types.
 - For each of the 22 classification categories, the number of water users identified as exceeding their KBAI metrics.
 - The BMPs offered to the water users within each of the classification categories.
 - The estimated annual water savings associated with the BMPs offered.

Report Submission Status and Objectives (as of Feb 24)

Objective vs Reported Demand (Valid calculated objectives only)	# suppliers (% suppliers)
Supplier met objective	280 (87%)
Objective < 5% lower than reported demand	12 (4%)
Objective 5-10% lower than reported demand	12 (4%)
Objective 10-20% lower than reported demand	12 (4%)
Objective 20-30% lower than reported demand	2 (<1%)
Objective >30% lower than reported demand	5 (2%)
Total	323

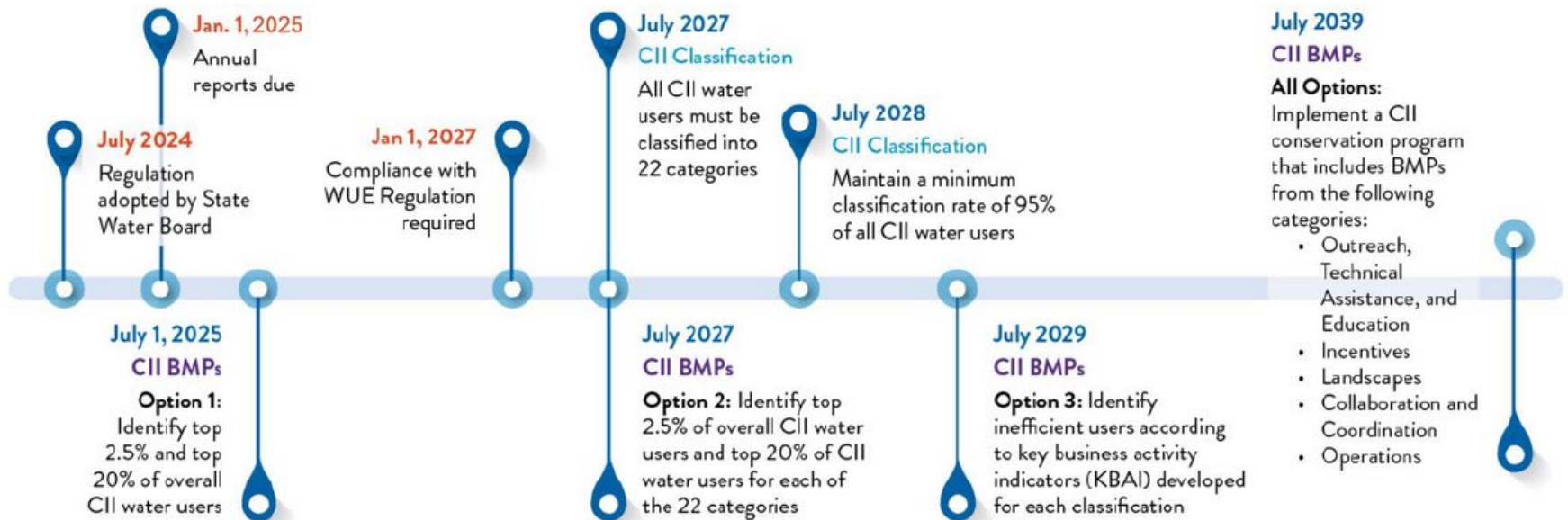


What are the reporting deadlines?

- Requests for variances and provisions are due **October 1**
- Completed reporting forms are due **January 1**
- The June 30th deadlines (CII customer classification etc., in § 974) are deadlines to complete the actual work on the CII BMPs. Reporting is **NOT** required mid-year on the completion of those tasks

Making Conservation a California Way of Life

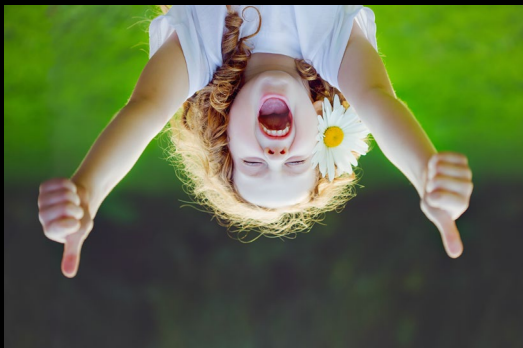
CII CLASSIFICATION AND BEST MANAGEMENT PRACTICES TIMELINE



Classify all CII water users by July 1, 2027

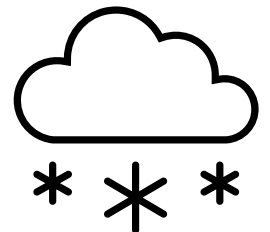
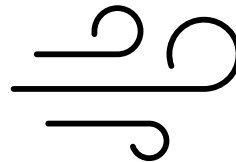
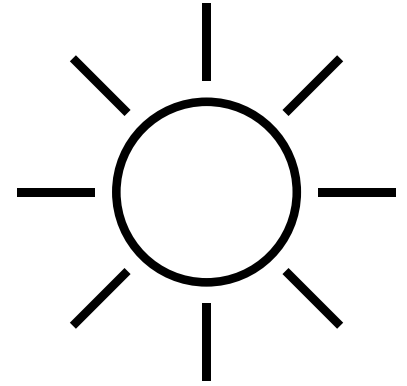
Beginning July 1, 2028: Maintain a minimum classification rate of 95 percent of all CII water users

How are we feeling?



Program Updates

- CII Focus Group
- BeWaterSmart Website Upgrade
- Rebate Funding Update
- CIMIS Stations
- Other Updates



CII and HOA Focus Groups

- Secured focus group consultant
- Purpose is to increase rebate participation/education
- 2 virtual focus groups 1) HOA 2) Three CII sector reps
 - 8 members each
- What should the 3 sectors be?
 - Restaurants, Office Parks, Retail Shops and Hotels
- Mix of folks that have participated and not
 - Let us know if you have any leads

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BWS Website Upgrade

- It's time...12 years
- Focus on increasing rebate use
- Web/phone enabled
- Google analytics
- Find your rebate – interactive map vs PDF
- Whole site translated to Spanish
- Remove calendar, announcements, SOW, Scheduler, Plant database from home page
- Design – keep the watercolor feel but with updated structure



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Slider - What's new? Max of 3, updated monthly.

1) whatever article we release that month 2) Current Campaign Giveaway information/whatever is featured in our ads and 3) Website Feature/Program we want to promote that month.

Are you Water Smart?

Top Ways to Save Resources

Residential

Commercial

Indoor

Outdoor

Indoor

Outdoor

By Sector

For all

Cut sheets

CalWEP

Rebates and Services for Customers

Residential

Commercial

Map prompt to put in address

Check box for resi or CII

Watering Guidelines & Requirements

Watering Schedules, Water Waste and NFT

Guidelines - Watering and Water Waste for residents and businesses

Map with address finder - water waste and watering days

Link Scheduler here as a resource

time/day from supplier, scheduler for # of minutes, etc.

NFT Requirements for CII customers

FAQs here



Are you looking for
plants or ideas?

Try Water-wise Gardening
in the Gold Country Region

[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 botanical name, common name, and water use. It includes garden tour photos, a garden gallery to search for plants that meet your needs, water conservation tips, and much more.

[Learn More](#)



Announcements

Grow a Garden, Build a Habitat: Native Plants Bring Wildlife Home

Posted on October 7, 2024

How a Rain Garden Can Secure Your Yard and Save Water

Posted on November 30, 2024

Fall is for planting Summer Strong plants

Posted on August 23, 2024

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Be Water Smart News

[Sign Up](#)

Welcome to Drip Drop, Hip Hop

A Journey Through the American
River Watershed!

[Learn More](#)

Rebates & Services



Top Ways to Save



Watering Guidelines

Find your current landscape watering guidelines.

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BWS Website Upgrade

- Any other suggestions?
- Working with vendors
- Updating a lot of the text too
- Will do a separate meeting walk through when we switch to new site
- Hoping for May or June completion



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WEP Grant Rebate Funding Update

Grant	Agreement #	Total Funding Remaining	Rebates Available For...	Must Be Used By....	Reporting to RWA	Supplier Availability Status	Additional Notes
Prop 1 Round 1 Project 7	4600013840	\$150,521	Turf replacement / Irrigation Efficiencies	1/31/2026	Quarterly	First come first serve	\$97,385.35 was transferred from a different project.
Prop 1 Round 1 Project 7	4600013840	\$28,985	Customer water loss	1/31/2026	Quarterly	First come first serve	
Urban Community Drought Relief Grant Project 2	4600015020	\$377,661	Turf replacement with Irrigation Efficiencies	7/31/2026	Quarterly	Individual supplier allocations	Contact RWA for individual supplier allocations.
Sac Sewer	80880	\$335,387	Clothes washers, toilets, Pre-rinse Spray Nozzles.	5/1/2025	Quarterly	First come first serve	Renews on an annual basis (will renew on July 1, 2025).



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CIMIS Update

WildHawk

- Up and running – data is online
- DWR press event/video, new sign, encourage more stations
- Thank you for SCWA for doing maintenance

Fair Oaks

- New signs, maybe with BWS link
- Fix fence and remove barbed wire
- Thank you to all the suppliers that perform maintenance

Random Updates

Nippon Shokken

- Final video is ready!
- DWR and RWA to promote for World Water Day - 3/22

Office Hours 4/16

- Any topics to cover? Staffing structure and budgets?

Water Savings Project Scope

- After NFT is complete

WEP Budget Increase?

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Random Updates

Mulch Mayhem

- May 17th
- City of Sacramento, SSWD, Roseville, SJWD/Lincoln/PCWA



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BE WATER SMART 2025 Tours

- One nature tour, one customer facility tour per year?
 - Watershed/headwaters bus or kayak tour
 - Delta Tour
 - Delta smelt fishery
 - Nigiri Project
 - ✓ **Devil Mountain Wholesale Nursery, Clements (1 hour drive)**
 - ✓ **Scheduled for May 8th 14 RSVPS so far, 20 spots total**

Other ideas?

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2025 RWEPAAC Dates

Dates	Host Supplier
January 14, 2025	Sacramento
March 11, 2025	SSWD
May 13, 2025	City of Roseville
July 8, 2025	TBD
September 9, 2025	City of Lincoln
November 18, 2025	TBD
December 9, 2025	You know where!
January 13, 2026	TBD



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Announcements & Events