

Charting the Course for Compliance

November 12, 2025



CALIFORNIA
WATER EFFICIENCY
PARTNERSHIP



CALIFORNIA
DATA
COLLABORATIVE

Agenda

Reporting Overview and Resources

1. Review of the Charting the Course Series
2. Reporting Requirements for January 1, 2026
3. Updates from State Water Resources Control Board
4. Completing the Report
5. Best Practices and Common Pitfalls
6. Available tools and resources to support compliance

From Data to Compliance: Chart Your Course Today.

Speakers



Tia Fleming

CalWEP



Kim O'Cain

CaDC



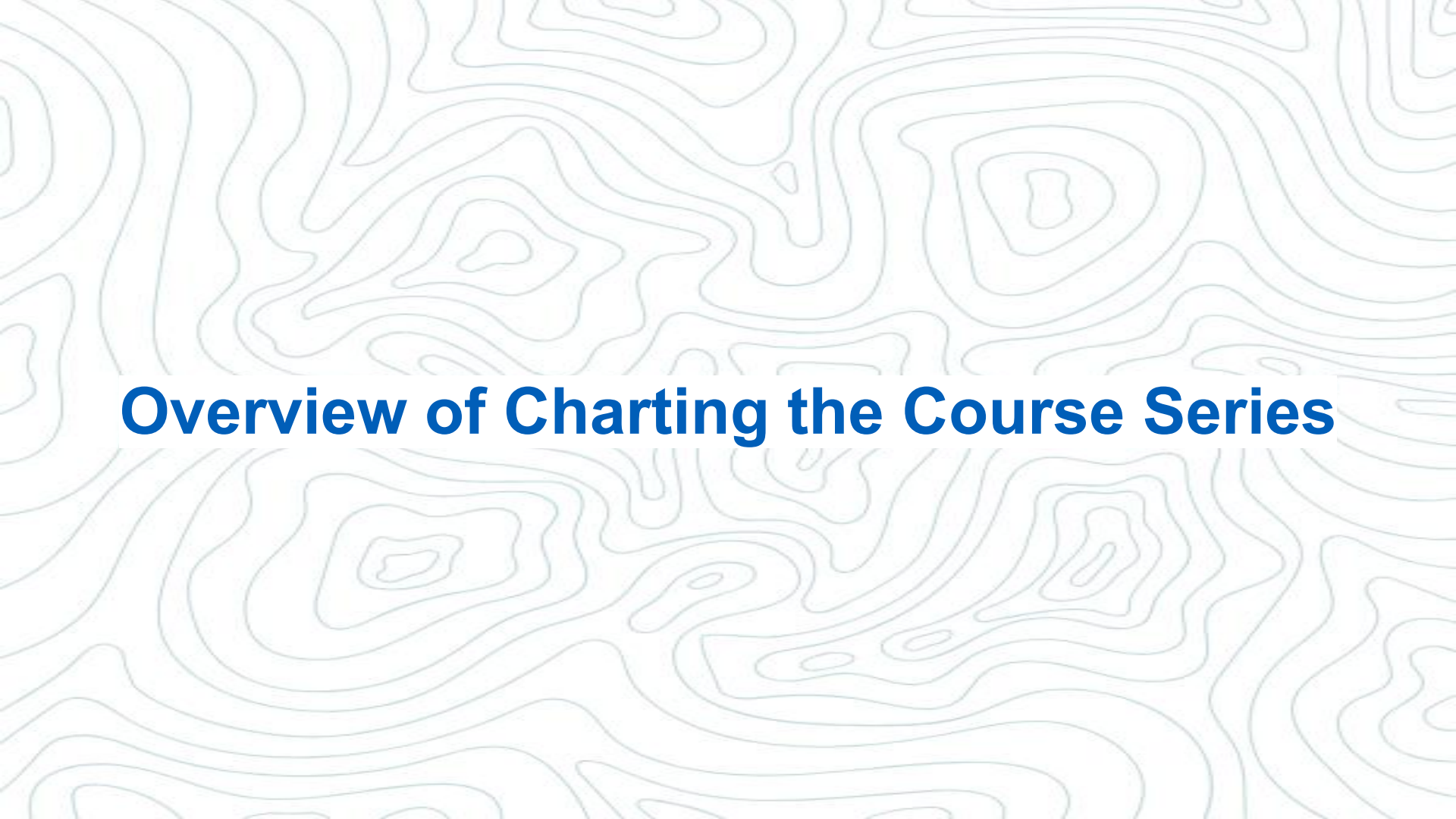
Melissa Matlock

CalWEP



Marielle Rhodeiro

State Water Resources Control Board

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Overview of Charting the Course Series

Charting the Course - Series Recap

Session 1 – February 19, 2025 (Recorded)
CII Performance Measures and Classification

Session 2 – April 23, 2025 (Recorded)
Water Loss Reporting

Session 3 – May 2025 (CalWEP Peer-to-Peer)
CII BMP “Shark Tank” Edition

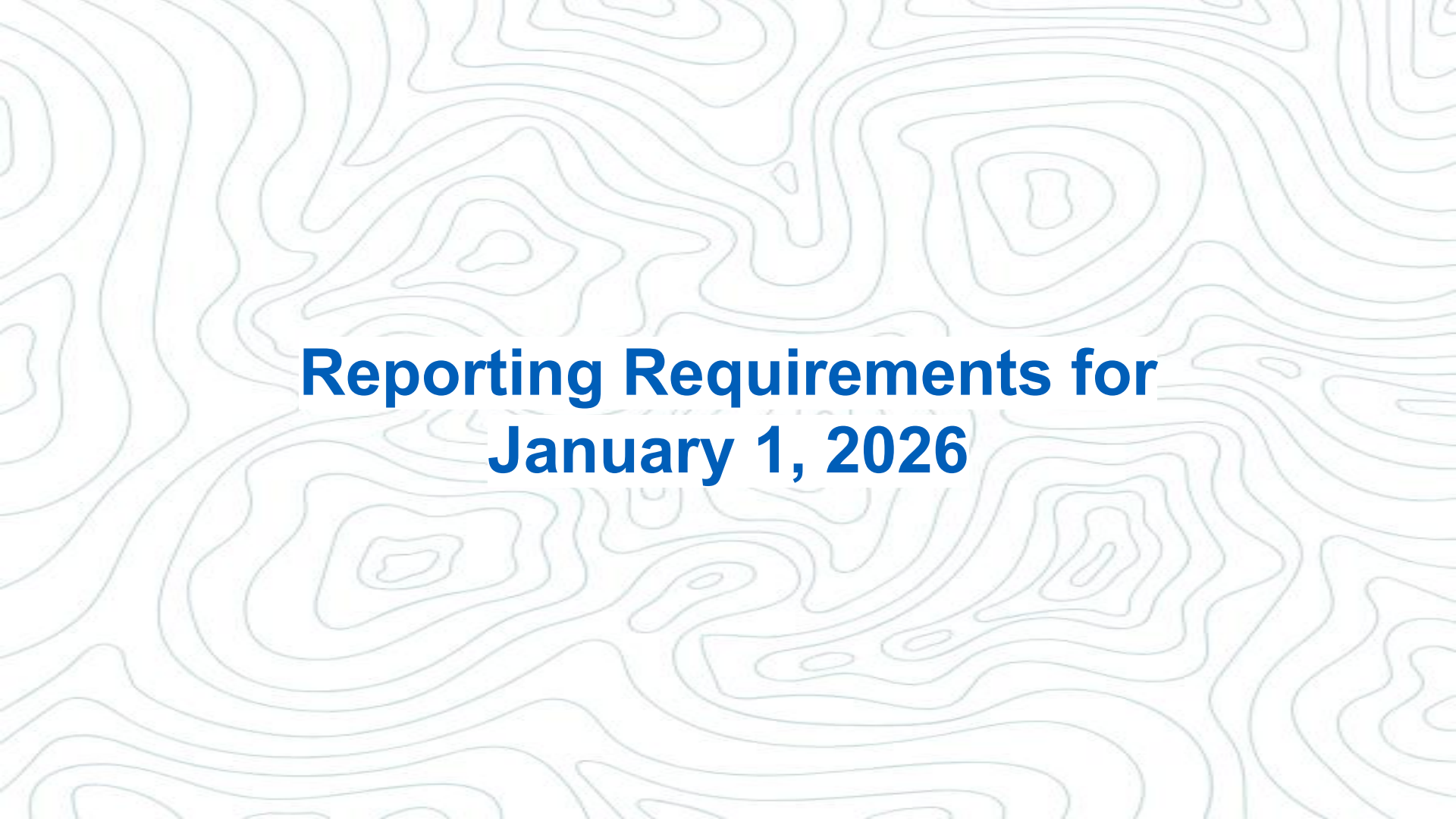
Session 4 – June 25, 2025 (Recorded)
Variances and Alternative Data Pathways

Session 5 – August 2025 (CaDC Data Summit)
2024 Reporting and Insights



Take the Poll...



The background of the slide is a light gray topographic map with intricate contour lines. The lines are more densely packed in some areas, indicating steeper slopes, and more spread out in others, indicating flatter terrain. The overall pattern is complex and organic, filling the entire frame.

Reporting Requirements for January 1, 2026

Reporting Form is Available!

https://www.waterboards.ca.gov/conservation/regs/water_efficiency_legislation.html#materials

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2022 Meetings and Workshops ▶

2021 Meetings and Workshops ▶

Reporting Materials

Annual Urban Water Use Objective and Water Use Reporting Form (FY2024-2025) – Due January 1 (select one)

- for users utilizing Visual Basic for Applications (VBA) content, such as show/hide features
- for users who can't or don't want to utilize VBA content

Mandatory Certification Statement Form – Due January 1 (select one)

- with digital certificate
- without digital certificate

Variance and Temporary Provision Requests – Due October 1 (select one)

- for users utilizing VBA content, such as show/hide features
- for users who can't or don't want to utilize VBA content

Other Resources

- Water Use Efficiency (WUE) Data Portal (Indoor Variance Tools)

Fact Sheets, FAQs, and Primer

- Guidance Document for 2024-2025 Urban Water Use Objective Reporting Form (09/29/2025)
- Supplemental Guidance Document for 2024-2025 Urban Water Use Objective Reporting Form (09/29/2025)
- Example Calculations for CII Top Percentile (09/29/2025)
- Making Conservation a California Way of Life Regulation FAQs (09/29/2025)
- Variance and Temporary Provision FAQ (09/29/2025)
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- Legislation Fact Sheet (06/07/2018)
- Primer of 2018 Legislation on Water Conservation and Drought Planning

[Making Conservation a California Way of Life Regulation | California State Water Resources Control Board](#)

UWUO Reporting Form Workbook

AutoSave Off ry2024-2025-uwuo-reporting-form-w... Saved to this PC Search

File Home Insert Draw Page Layout Formulas Data Review View Automate Help Acrobat

Clipboard Font Alignment Number Styles Cells Editing Sensitivity Add-ins Adobe Acrobat

Abbreviations and Acronyms

A	B
1	Abbreviations and Acronyms
2	AF/year acre feet per year
3	API application programming interface (how this form connects to other databases)
4	BMP best management practice
5	CCF hundred cubic feet (unit)
6	CII commercial, industrial, and institutional
7	DIM dedicated irrigation meter
8	DPR direct potable reuse
9	dS/m decisiemen per meter
10	DWR California Department of Water Resources
11	ESPM Energy Star Portfolio Manager
12	ET₀ reference evapotranspiration
13	gallons/year gallons per year
14	gpcd gallons per capita per day
15	II irrigable-irrigated
16	INI irrigable-not irrigated
17	KBAI key business activity indicator
18	LEF landscape efficiency factor
19	LAM landscape area measurement
20	mg/L milligram per liter
21	MG million-gallons
22	ORG ID two to three digit ID number associated with urban water supplier, used by Department of Water Resources
23	PWS public water system
24	PWSID public water system identity number. Format: CA0000000
25	SB X7-7 Senate Bill X7-7 (2009)
26	SLA special landscape area
27	TDS total dissolved solids
28	UWUO urban water use objective
29	WDID waste discharge identification number
30	WLS water loss standard
31	
32	

Abbreviations and Color Key

Key to the Colors Used Throughout This Workbook

Not Editable Fields:

- Blue Grey: Prefilled from Source Table or Hardcode
- Blue: Parameter defined in statute or regulation
- Grey: Calculated Total
- Dark Grey: Budget Total

Editable Fields:

- Green: Mandatory
- Light Green: Conditionally mandatory, pending prior response
- Gold: Optional
- Light Gold: Optional; fillable pending prior response
- Light Grey: Reporting requirement does not apply, but field is required

Version summary (current version: Version 3.0)

Version 1.0 - initial release

Version 1.1 - fixed equation error in "Objective" tab

Version 2.0 - replaced formulas incompatible with older Excel versions

- Fixed formula error where suppliers with multiple LAM values did not have correct pool and horse corral values
- Corrected cell references for ET₀ and effective precipitation in res-outlet (would not have used alternative data values)

Version 2.1 - fixed missing defined variable name NP_D_RES_RECYCL (caused residential)

Version 2.2 - Added "Coastal Plain of Orange County" to groundwater basin list

- fixed hyperlinks leading to invalid page for LAM Open Data table

Version 2.3 - Fixed error in Method 2 table of "Reported Real Water Loss" tab where

- did not properly populate
- Updated the preambles of Sections 972-974 reporting tabs to provide a
- Added "Chino" Sub-basin ("Upper Santa Ana Valley" basin) to groundwater
- Updated language in the "Actual Water Use" tab, "Landscapes misclassification analysis or not considered residential by supplier" table

Version 3.0 - Major formatting and content overhaul for 2024-2025 FY report

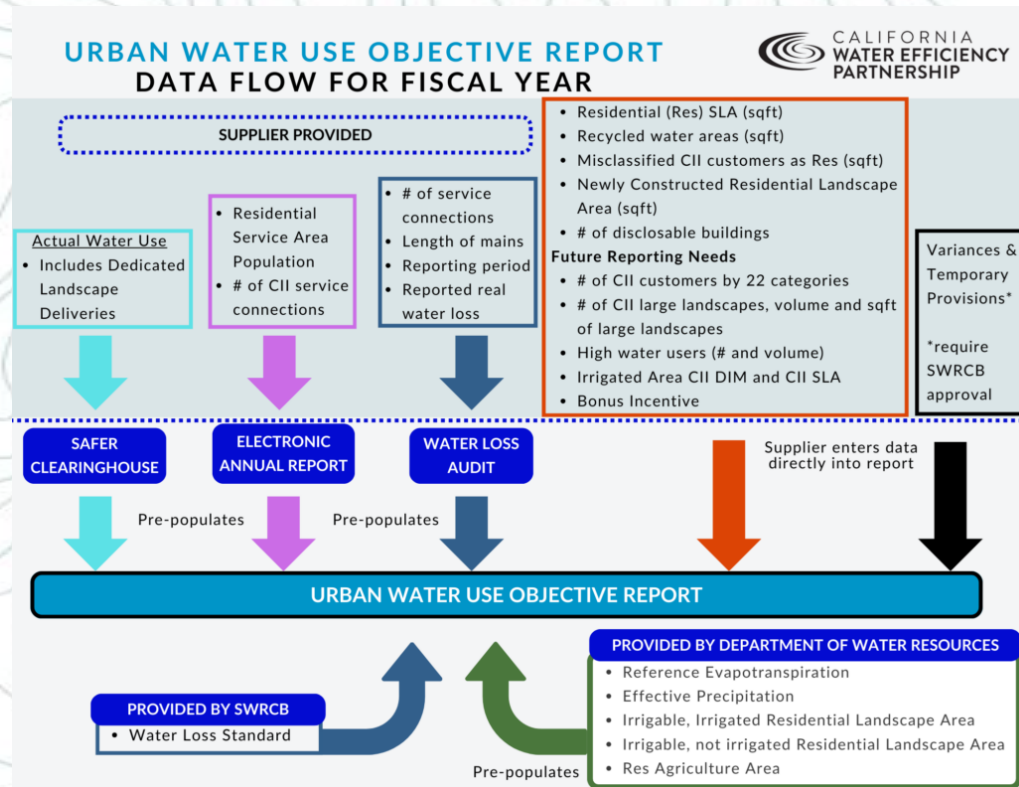
- Conditional formatting applies red border to cells that are required but not

Ready Accessibility: Investigate Display Settings 100%

Autopopulated Data in Reporting Form

After today:

- Review data that is pre populated and determine if any changes need to occur
- If any changes need to occur, make them in the source report



UWUO Mandatory Certification Statement Form

State Water Resources Control Board

This signature page accompanies the reporting form provided by the State Water Resources Control Board that urban retail water suppliers must use to fulfill requirements for the “Making Conservation a California Way of Life” regulation.

Once the form has been completed, the supplier’s authorized representative should sign this page and then submit the reporting form, this signature page, and any other supplemental documentation through the WUE Data Portal by January 1, 2026.

Certification Statement by Urban Retail Water Supplier Authorized Representative

This report has been prepared to meet the requirements of California Code of Regulations, title 23, section 975. The signature below certifies that the signatory is authorized to complete this report for fiscal year 2024-2025 and has reviewed the information provided in the report, and that the information provided is true and accurate.

Signature of authorized representative

Submitting the Report

https://wuedata.water.ca.gov

 Resources	View and download resources/documents relevant for urban water suppliers.
Water Loss Audit Reports	
 View Water Audit Reports	View AWWA Spreadsheets, Certified Validation Reports, and Utility Certifications submitted to DWR by suppliers.
 Water Audit Report Data	Download data extracted from AWWA spreadsheets submitted to DWR by suppliers.
Annual Water Shortage Assessment Reports	
 Water Shortage Reports	View submitted reports Annual Water Shortage Assessment Report data tables as well as optional attachments/documents.
 Water Shortage Data	Download data extracted from Annual Water Shortage Assessment Reports submitted to DWR by suppliers.
Agricultural Water Management Plans (AWMPs)	
 View 2015 AWMPs	View uploaded 2015 AWMP documentation.
 View 2020 AWMPs	View uploaded 2020 AWMP documentation.
 Resources	View and download resources/documents relevant for agricultural water suppliers.
Agricultural Aggregated Farm-Gate Delivery Reporting	
 View Farm Gate Data	View Aggregated Farm Gate submittals.
 Farm Gate Data	Download data extracted from Aggregated Farm Gate submittals.
Urban Water Use Objective Reporting	
 Urban Water Use Objective Reports	View Urban Water Use Objective submittals.

Prior to January 1, 2026:

1. Log into the WUE Data Portal
2. Submit under “Urban Water Use Objective Reports”
 - a. Excel Workbook
 - b. Signed Submission Form

[WUEdata - Water Use Efficiency Data](https://wuedata.water.ca.gov)

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Updates from SWRCB

Changes to the UWUO Reporting Form for FY24-25 Data

Marielle Rhodeiro, Ph.D.
Research Data Specialist



State Water Resources Control Board

Before we start

- This presentation is geared towards an audience that is already somewhat familiar with the form
- If you are new to this process or need a refresher, we had a more comprehensive overview of the form on **October 30th**; recording and slides are available on our regulation website under “Past Meetings and Workshops”
- We will also have virtual office hours on **November 18th**



Link to register for the November 18th office hours:

<https://waterboards.zoom.us/meeting/register/6xGEdNqwSV6gfOmKcas0mw#/registration>

What HASN'T changed since last year?



Most of the data
fields



Reporting
deadlines



Submission
process

CHANGED: Location to obtain materials

- Materials now located on regulation web page rather than WUE Portal
 - Guidance materials and FAQs
 - Reporting form (2 versions)
 - Certification statement (2 versions)
 - Variance and temporary provision request template
- Some materials also hyperlinked within reporting form
- Webinar recording and slides are also available here

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https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/regs/water_efficiency_legislation.html#materials

NEW: Required Items Checklist tab

Tab	Data Subcategory	Status	
Landing Page and Navigation	Supplier Contact information	Must provide required contact information One or more water systems has missing or zero deliveries data	Warning/errors detected
Summary	Number of months with non-zero potable deliveries in the Clearinghouse		
Summary	Calculated R-GPCD for each water system	No issues detected	Requirements complete/no errors detected
Residential Indoor Budget	Residential Population Value	All requirements satisfied	
Residential Indoor Budget	Residential Indoor Variances and Provisions	All requirements satisfied	
Residential Outdoor Budget	Net ET ₀ Calculation	Net ET ₀ calculated as zero	
Residential Outdoor Budget	Residential Outdoor Variances and Provisions	Not applicable	
Residential Outdoor Budget	Other required fields	Missing required information Missing required information for real water loss budget calculations	Requirements not applicable
Real Water Loss Budget	Table 1: Water Loss Budget Calculator	Missing required service connection and/or length of mains data	
Real Water Loss Budget	Table 2: Number of Service Connections and Length of Mains	All requirements satisfied	
Bonus Incentive	Planning to utilize bonus incentive? (Yes/No)	Not applicable	
Bonus Incentive	Bonus Incentive Methodology and Volume	Not applicable	
Bonus Incentive	Augmented Groundwater	Not applicable	
Bonus Incentive	Augmented Surface Reservoir	Not applicable	
Bonus Incentive	Direct Potable Reuse	Not applicable	

Hyperlink to tab/cell location

NEW: Notes column for supplier staff

Actual Water Use (Potable and Nonpotable), Demands Relevant to the Objective	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier Notes
Annual, aggregate potable deliveries to Single-family Residential connections	6,198,751,607	Gallons/Year	See RESIDENTIAL_SINGLEFAMILY_GAL in the Potable and Non-Potable Water Deliveries for URWS on the Open Data Portal	975(c)(1)(A)(i)	
Annual, aggregate potable deliveries to Multi-family Residential connections	258,095,198	Gallons/Year	See RESIDENTIAL_MULTIFAMILY_GAL in the Potable and Non-Potable Water Deliveries for URWS on the Open Data Portal	975(c)(1)(A)(ii)	
Total Potable Residential Water Use	6,456,846,804	Gallons/Year	Sum of single-family and multi-family potable deliveries		
Annual, aggregate residential Recycled Water Demand (excluding metered irrigation)	0	Gallons/Year	See NONPOTABLE_DEMAND_RESIDENTIAL_RECYCLED_WATER_GAL in the Potable and Non-Potable Water Deliveries for URWS on the Open Data Portal	975(c)(1)(A)(iii)	
Annual, aggregate residential Non-potable Demand (non-recycled, excluding metered irrigation)	0	Gallons/Year	See NONPOTABLE_DEMAND_RESIDENTIAL_NONPOTABLE_WATER_GAL in the Potable and Non-Potable Water Deliveries for URWS on the Open Data Portal	975(c)(1)(A)(iv)	
Annual, aggregate residential non-potable metered irrigation	0	Gallons/Year	See NONPOTABLE_DEMAND_RESIDENTIAL_METERED_LANDSCAPE_IRRIGATION_GAL in the Potable and Non-Potable Water Deliveries for URWS on the Open Data Portal	975(c)(1)(A)(iv)	
Total Non-Potable Residential Water Use	0	Gallons/Year	Sum of residential recycled water demand, nonpotable water demand (excluding recycled and irrigation), and residential nonpotable metered irrigation		
Volume of water delivered to residential landscapes that the Department excluded from its LAM analysis and are not currently a part of the residential outdoor budget. (This does not include new construction)	0	Gallons/Year	Reported by the supplier below in cell B36 (hidden unless B35 is "Yes"). This value is subtracted from the total volume of residential water use.	975(c)(1)(A)(vii)	

The notes column is solely intended for internal communications and notes during the report completion process. **Water Board staff will NOT be reviewing these fields.**

NEW: Form highlights mandatory fields that are incomplete or contain missing data

Total number of Commercial, Institutional, and Industrial (CII) service connections	1811	1811	Auto-calculated sum of CII water users provided below. CII water users may be defined in terms of "Connections", "Accounts", or "Other". Please select the units in Cell C11 from the drop-down; these units will be used throughout the rest of the CII BMP sections	975(d)(1)(A)	
Number of classified CII water users	0			975(d)(1)(B)	
Total number of Commercial, Institutional, and Industrial (CII) water users		0	Total number of CII water users, in terms of the specified units. Optional field.		
Number of water users in banking/financial services category		0		975(d)(1)(C)	
Number of water users in education category		0		975(d)(1)(C)	
Number of water users in entertainment/public assembly category		0		975(d)(1)(C)	

Supplier must provide answers to these cells that are currently blank

	Number of Service Connections (active + inactive) (selected in Table 2)	Length of Mains (miles) (selected in Table 2)	Water Loss Budget or Reported Real Loss used?	Estimated Annual Efficient Water Loss Budget (gallons/year) or Reported Real Loss	Supplier Notes
			Reported Real Loss		
			Reported Real Loss		
			Reported Real Loss		
			Water Loss Budget		
			Water Loss Budget		

Prefilled fields have no data due to missing water loss audits

Warning messages

Value in Reported Real Water Loss tab results in 0
Value in Reported Real Water Loss tab results in 0
Value in Reported Real Water Loss tab results in 0
Selected data source in Table 2 results in 0
Selected data source in Table 2 results in 0

NEW: Not applicable fields are greyed out

Reporting requirements associated with implementing Section 974(c)	Value	Units	
The method used to identify which CII customers would be offered Best Management Practices (BMPs)	974(c)(1)	N/A	

Reporting requirements associated with implementing Section 974(c)(2):
CII BMPs for water users that exceed a recommended size, volume of water use, or other threshold
This tab does not correspond to the method selected in the BMPs (974) tab. Do not complete.
A supplier shall identify the CII water users that exceed the thresholds identified in paragraph 974(c)(2) by June 30, 2027.
The thresholds for 974(c)(2) are (A) CII water users at or above the 97.5th percentile for CII water use & (B) CII water users at or above the supplier's 80th percentile for water use in each of the classification categories.

[Back to Navigation List](#)
[Back to 974 tab](#)

Reporting requirements associated with implementing Section 974(c)(2)	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier
The total number of CII water users at or above the 97.5th percentile for CII water use			This information is required starting with the FY 2026-2027 report for suppliers choosing method 974(c)(2). For this reporting year: if unable to quantify, enter "Unknown" in the box.	975(d)(4)(B)(i)	
For the water users in cell B8, indicate the specific BMPs offered from each of the BMP categories			Complete Table 1 if B8 is greater than 0 For this reporting year: if unable	975(d)(4)(B)(ii)	

NEW: Conditionally mandatory field formatting

Landscapes misclassified, not captured in initial LAM analysis, or not considered residential by supplier	Value
Are there any residential landscapes that were not captured by the Department's LAM analysis and are therefore not contributing to the residential outdoor budget? (This does not include new construction reported in the Residential Outdoor Budget tab.)	
Volume of water that was delivered to residential landscapes not captured in the Department's LAM analysis. (This does not include new construction reported in the Residential Outdoor Budget tab.)	

Required response

If "Yes"

Landscapes misclassified, not captured in initial LAM analysis, or not considered residential by supplier	Value
Are there any residential landscapes that were not captured by the Department's LAM analysis and are therefore not contributing to the residential outdoor budget? (This does not include new construction reported in the Residential Outdoor Budget tab.)	Yes
Volume of water that was delivered to residential landscapes not captured in the Department's LAM analysis. (This does not include new construction reported in the Residential Outdoor Budget tab.)	

Must complete follow-up question

If "No"

Landscapes misclassified, not captured in initial LAM analysis, or not considered residential by supplier	Value
Are there any residential landscapes that were not captured by the Department's LAM analysis and are therefore not contributing to the residential outdoor budget? (This does not include new construction reported in the Residential Outdoor Budget tab.)	No

Follow-up question and answer fields are blanked out

NEW: SBx7-7 “backstop” calculation tab

- **Previously:** SBx7-7 “backstop” solely informed by reported 2020 UWMP values for target GPCD, process water volume, and recycled water volume
- **Now:** process and recycled water portions of backstop are calculated as reported percentage values multiplied with reported deliveries

Process Water and Recycled Water excluded from SBx7-7 Targets	Value
Process water excluded from the SBx7-7 target, as reported in the 2020 Urban Water Management Plan (for reference only)	0
Potable deliveries to Industrial connections	1,401,517,736
Estimated percentage of potable Industrial deliveries that are process water	10%
Calculated volume of process water from potable Industrial deliveries	140,151,774
Nonpotable nonresidential deliveries (excluding nonpotable deliveries to CII DIMs)	1,046,340,146
Estimated percentage of nonpotable nonresidential deliveries (excluding CII DIMs) that are process water	5%
Calculated volume of process water from nonpotable nonresidential deliveries (excluding CII DIMs)	52,317,007
Calculated process water	192,468,781

SBx7-7 Target Volume	Value
SB X7-7 Target	171
SB X7-7 Annual Volume	27,762,192,000
Process water excluded from the target	192,468,781
Recycled water excluded from the target	0
Target-based total use	27,954,660,781

CHANGED: Emergency and high TDS variances get own tab, updated calculations

- These two variances are hybrid residential and CII outdoor variances
- **Previously:** report residential outdoor variance volume only; assess volume relative to residential outdoor threshold only
- **Now:** report both residential and CII outdoor variance volumes; assess sum relative to combined threshold

State or Local Emergency Variance	Value	Units
Volume of water for residential outdoor water use used to respond to state or local emergencies		Gallons
Volume of water for CII landscapes with DIMs used to respond to state or local emergencies		Gallons
Combined volume of water for residential outdoor and CII landscapes with DIMs used to respond to state or local emergencies		Gallons
Does state or local emergency variance volume meet 5% threshold?		N/A
Final state or local emergency variance volume	0	

Components of High TDS Irrigation Variance	Value	Units
Choose Method for Calculating High TDS Irrigation Variance	5% Threshold	
Square footage of residential landscapes irrigated with recycled water containing high levels of TDS		Square Feet
Square footage of CII landscapes irrigated with recycled water containing high levels of TDS		Square Feet
Concentration of TDS	0.05	mg/L
Landscape efficiency factor for landscapes using recycled water		Unitless
High TDS residential landscape irrigation volume, 5% Threshold Equation (before threshold check)	0.05	
High TDS CII landscape irrigation volume, 5% Threshold Equation (before threshold check)	0.05	Gallons
Does high TDS landscape irrigation volume meet 5% threshold?	5%	
Final high TDS landscape irrigation volume, 5% Threshold Equation	0.00	Gallons

CHANGED: Variance and temporary provisions fields are pre-fill only

- Must complete separate Variance and Temporary Provision Request template and submit to the Board **no later than October 1 of each year**
- Approved variance and temporary provision data will pre-fill from tables on Open Data

Variance Thresholds and Total Variance Volume	Value
5% Threshold for Variances (Indoor Residential Budget)	6,184,164
1% Threshold for Variances (Indoor Residential Budget)	1,236,833
Utilizing Evaporative Cooler Variance?	Yes
Utilizing Seasonal Population Variance?	No
Utilizing Wastewater Provision?	No
Total Volume of Variances and Provisions associated with Residential Indoor Volume (individual variances and provisions calculated below)	12,927,600
Variances and Provisions Calculations	
Variances and provisions must be approved in order to be utilized within the reporting form. Approved varian	
Components of the Evaporative Cooler Variance	Value
Number of samples used to determine the number of evaporative coolers in the supplier's service area	2,199
Number of evaporative coolers	2,280
Average daily operating hours	18.0
Average daily evaporation rate	1.5
Number of operating days	210.0
Evaporative Cooler Variance Volume (before threshold check)	12,927,600
Does evaporative cooler variance volume meet 5% threshold?	Yes
Final Evaporative Cooler Variance Volume	12,927,600

CHANGED: Special landscape and new construction square footage is pre-fill only

- Special landscape area requests should be sent to DWR at WUEStandards@water.ca.gov
 - Guidance document here: <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Use-Objective-Annual-Report/Alternative-and-New-Data-Guidance-v5.pdf>
- New construction requests should be sent to SWB at waterconservation@waterboards.ca.gov
 - Email us for additional information
- Approved special landscape and new construction square footage data will pre-fill form from existing LAM table on Open Data

Miscellaneous Changes

Other minor changes include:

- Orange (drop-down) cells changed to green color for less visual clutter
- Ability to answer “Unknown” to certain questions if data not available
- Backend tables filter data to relevant FY
- Residential indoor budget calculation split between pre-2025 (55 GPCD) and 2025 (47 GPCD) standards
- Some fields/calculations added or altered to better align with regulatory text
 - Example: Additional livestock types added to livestock variance
- Better error handling for water systems that have less than 12 months of data due to becoming inactive in the midst of the FY

Stay in the loop!

- Email us at waterconservation@waterboards.ca.gov for further questions
- Sign up for our listserv here:
https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/regs/water_efficiency_legislation.html#contact

The background of the slide is a light gray topographic map with intricate contour lines. The lines are thin and gray, creating a complex pattern of peaks and valleys across the entire surface. The text is centered horizontally and vertically over this pattern.

Completing the Report

What is required?

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Blue Grey	Prefilled from Source Table or Hardcoded Value
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Dark Grey	Budget Total

Editable Fields:

Green	Mandatory
	Conditionally mandatory, pending prior responses
Gold	Optional
	Optional; fillable pending prior responses
	Reporting requirement does not apply, based on other responses

Contact Page

- Refresh your data so fields such as net ETo & effective precipitation load



Annual Urban Water Use Objective and Water Use Report (2024-2025 FY)

Reporting Year Cycle	State Fiscal Year
Start Date	7/1/2024
End Date	6/30/2025
Number of Days in Reporting Year	365

NOTE: No available residential landscape area or weather data from DWR. UWUO cannot be calculated. Please see Section 2.14 of the guidance doc for instructions.

In the table below, provide the contact information of the employee who prepared this report in cells B14-B19 and optionally, B20-B23

If more than one employee was involved in report preparation, please select a main point of contact that will be able to respond to any follow up questions by State Water Board staff.

If a third party prepared the report, please provide a supplier point of contact in cells B14-B19 and answer "No" in cell B25. Then fill out cells B28-32.

Urban Retail Water Supplier Contact Information (Required)	
Name of Urban Retail Water Supplier (select from dropdown list in B11)	
Urban Retail Water Supplier Organization Identifier (ORG ID)	
Number of Public Water Systems	0
Supplier Contact Person Name	
Supplier Contact Person Title	
Supplier Contact Person Phone Number	
Supplier Contact Person Email Address	
Supplier Street Address	
Supplier ZIP Code	
Additional Supplier Contact Person 1 Name	
Additional Supplier Contact Person 1 Email	
Additional Supplier Contact Person 2 Name	
Additional Supplier Contact Person 2 Email	
Was this report prepared by the staff of the supplier named in cell B11?	
If "No" in B25, provide the main point of contact for the third party that prepared the report.	
Report Preparer's Contact Information (Required, if different from the above information (cells B14-19).	
Preparer's Organization Name	
Preparer's Contact Name	
Preparer's Phone Number	

Summary (Initial Page before data is entered)

Initial Summary Overview BEFORE Supplier Provided Data:

- Source data is in the Open Data Portal

Actual Use Compared to Urban Water Use Objective

In Gallons/Year

Water Use Component	Actual Water Use (Gallons)	Urban Water Use Objective (Gallons)
Total Residential Water Use, Indoor + Outdoor	8,653,170,000.00	6,407,688,000.00
Outdoor Irrigation of CII landscapes associated with DIMs	1,019,680,000.00	1,019,680,000.00
System Water Loss	451,533,733.32	838,687,129.32
Variances, Provisions, and 20% INI buffer, if applicable	N/A	0.00
Bonus Incentive	N/A	0.00
Sum of Water Use Components (Specific to Objective)	10,124,383,733.32	8,266,055,129.32
Excluded Demands	3,251,690,000.00	3,251,690,000.00
Sum of Water Use Components (Objective + Excluded)	13,376,073,733.32	11,517,745,129.32
SB X7-7 Target Volume Plus Previously Excluded Process and Recycled Water	N/A	17,327,280,000.00
"Capped" Objective	N/A	8,266,055,129.32
Regional Alliance Met Regional Target? (If Applicable)	N/A	Not Applicable
Final Comparison of Actual Water Use to Objective	10,124,383,733.32	8,266,055,129.32

[The source datasets are located on the Open Data Portal.](#)

In Acre-Feet/Year

Water Use Component	Actual Water Use (Acre-Feet)	Urban Water Use Objective (Acre-Feet)
Total Residential Water Use, Indoor + Outdoor	26,555.57	19,664.45
Outdoor Irrigation of CII landscapes associated with DIMs	3,129.28	3,129.28
System Water Loss	1,385.70	2,573.83
Variances, Provisions, and 20% INI buffer, if applicable	N/A	0.00
Bonus Incentive	N/A	0.00
Sum of Water Use Components (Specific to Objective)	31,070.55	25,367.56
Excluded Demands	9,979.07	9,979.07
Sum of Water Use Components (Objective + Excluded)	41,049.66	35,346.66
SB X7-7 Target Volume Plus Previously Excluded Process and Recycled Water	N/A	53,175.47
"Capped" Objective	N/A	25,367.59
Regional Alliance Met		
Regional Target?	N/A	Not Applicable
Final Comparison of Actual Water Use to Objective	31,070.59	25,367.59

Objective

Notes:

- No Supplier provided inputs on this tab
- Supplier job is to review data and calculations
- Refresh reporting form

Urban Water Use Objective	Value	Units	Calculation Instructions and Notes
Residential Indoor Budget (no provisions or variances)	6,407,688,000	Gallons/Year	Calculated in "Residential Indoor Budget" tab
Residential Indoor Variances and Provisions	0	Gallons/Year	Calculated in "Residential Indoor Budget" tab
Residential Outdoor Budget (no provisions or variances)	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
Residential Outdoor Variances and Provisions	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
CII Landscapes with DIMs Budget (no provisions or variances)	1,019,680,000	Gallons/Year	Until June 30th, 2028, the CII with DIMs budget shall be equivalent to water deliveries to CII landscapes with DIMs.
CII Landscapes with DIMs Variances and Provisions	0	Gallons/Year	Until CII with DIMs budgets are calculated with measured landscapes, associated variances and provisions will not be included in the objective.
Real Water Loss Budget	838,687,129	Gallons/Year	Calculated in "Real Water Loss Budget" tab
Bonus Incentive for Potable Recycled Water	0	Gallons/Year	Calculated in "Bonus Incentive" tab
Sum of objective components, without inclusion of INI area	8,266,055,129	Gallons/Year	
Total Potable Residential Water Use	8,653,170,000	Gallons/Year	Reported in "Actual Water Use" tab
Total Non-Potable Residential Water Use	0	Gallons/Year	Reported in "Actual Water Use" tab
Total Potable Deliveries to CII Landscapes with DIMs	1,019,680,000	Gallons/Year	Reported in "Actual Water Use" tab
Total Non-Potable Deliveries to CII Landscapes with DIMs	0	Gallons/Year	Reported in "Actual Water Use" tab
Annual Aggregate Real Water Loss	451,533,733	Gallons/Year	Calculated in "Reported Real Water Loss" tab
Sum total actual water use	10,124,383,733	Gallons/Year	
Residential Outdoor Budget associated with 20% INI	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
INI Included in objective?	Yes	Yes/No	If actual water use is greater than the objective without the inclusion of INI, this will be "Yes" and the residential outdoor budget associated with 20% INI will be included.
Objective, before being capped by SB X7-7	8,266,055,129	Gallons/Year	If B18 is "No", this value is equal to B10; if B18 is "Yes", this value is equal to B10 + B17
Excluded demands	3,251,690,000	Gallons/Year	Calculated in "Actual Water Use" tab. Sum of other, commercial and institutional, and industrial deliveries.
Objective-based total use	11,517,745,129	Gallons/Year	
SB X7-7 Annual Volume	17,327,280,000	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Process water excluded from the target	0	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Recycled water excluded from the target	0	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Target-based total use	17,327,280,000	Gallons/Year	SB X7-7 Annual Volume + Process and recycled water
Is target-based total use more efficient than objective-based total use?	No	Yes/No	If target-based total use is lower than objective-based total use, this will be "Yes" and

Objective

Notes:

- No Supplier provided inputs on this tab
- Supplier job is to review data and calculations

Urban Water Use Objective	Value	Units	Calculation Instructions and Notes
Residential Indoor Budget (no provisions or variances)	6,407,688,000	Gallons/Year	Calculated in "Residential Indoor Budget" tab
Residential Indoor Variances and Provisions	0	Gallons/Year	Calculated in "Residential Indoor Budget" tab
Residential Outdoor Budget (no provisions or variances)	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
Residential Outdoor Variances and Provisions	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
CII Landscapes with DIMs Budget (no provisions or variances)	1,019,680,000	Gallons/Year	Until June 30th, 2028, the CII with DIMs budget shall be equivalent to water deliveries to CII landscapes with DIMs.
CII Landscapes with DIMs Variances and Provisions	0	Gallons/Year	Until CII with DIMs budgets are calculated with measured landscapes, associated variances and provisions will not be included in the objective.
Real Water Loss Budget	838,687,129	Gallons/Year	Calculated in "Real Water Loss Budget" tab
Bonus Incentive for Potable Recycled Water	0	Gallons/Year	Calculated in "Bonus Incentive" tab
Sum of objective components, without inclusion of INI area	8,266,055,129	Gallons/Year	
Total Potable Residential Water Use	8,653,170,000	Gallons/Year	Reported in "Actual Water Use" tab
Total Non-Potable Residential Water Use	0	Gallons/Year	Reported in "Actual Water Use" tab
Total Potable Deliveries to CII Landscapes with DIMs	1,019,680,000	Gallons/Year	Reported in "Actual Water Use" tab
Total Non-Potable Deliveries to CII Landscapes with DIMs	0	Gallons/Year	Reported in "Actual Water Use" tab
Annual Aggregate Real Water Loss	451,533,733	Gallons/Year	Calculated in "Reported Real Water Loss" tab
Sum total actual water use	10,124,383,733	Gallons/Year	
Residential Outdoor Budget associated with 20% INI	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
INI Included in objective?	Yes	Yes/No	If actual water use is greater than the objective without the inclusion of INI, this will be "Yes" and the residential outdoor budget associated with 20% INI will be included.
Objective, before being capped by SB X7-7	8,266,055,129	Gallons/Year	If B18 is "No", this value is equal to B10; if B18 is "Yes", this value is equal to B10 + B17
Excluded demands	3,251,690,000	Gallons/Year	Calculated in "Actual Water Use" tab. Sum of other, commercial and institutional, and industrial deliveries.
Objective-based total use	11,517,745,129	Gallons/Year	
SB X7-7 Annual Volume	17,327,280,000	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Process water excluded from the target	0	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Recycled water excluded from the target	0	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Target-based total use	17,327,280,000	Gallons/Year	SB X7-7 Annual Volume + Process and recycled water
Is target-based total use more efficient than objective-based total use?	No	Yes/No	If target-based total use is lower than objective-based total use, this will be "Yes" and

Objective

Notes:

- No Supplier provided inputs on this tab
- Supplier job is to review data and calculations

Urban Water Use Objective	Value	Units	Calculation Instructions and Notes
Residential Indoor Budget (no provisions or variances)	6,407,688,000	Gallons/Year	Calculated in "Residential Indoor Budget" tab
Residential Indoor Variances and Provisions	0	Gallons/Year	Calculated in "Residential Indoor Budget" tab
Residential Outdoor Budget (no provisions or variances)	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
Residential Outdoor Variances and Provisions	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
CII Landscapes with DIMs Budget (no provisions or variances)	1,019,680,000	Gallons/Year	Until June 30th, 2028, the CII with DIMs budget shall be equivalent to water deliveries to CII landscapes with DIMs.
CII Landscapes with DIMs Variances and Provisions	0	Gallons/Year	Until CII with DIMs budgets are calculated with measured landscapes, associated variances and provisions will not be included in the objective.
Real Water Loss Budget	838,687,129	Gallons/Year	Calculated in "Real Water Loss Budget" tab
Bonus Incentive for Potable Recycled Water	0	Gallons/Year	Calculated in "Bonus Incentive" tab
Sum of objective components, without inclusion of INI area	8,266,055,129	Gallons/Year	
Total Potable Residential Water Use	8,653,170,000	Gallons/Year	Reported in "Actual Water Use" tab
Total Non-Potable Residential Water Use	0	Gallons/Year	Reported in "Actual Water Use" tab
Total Potable Deliveries to CII Landscapes with DIMs	1,019,680,000	Gallons/Year	Reported in "Actual Water Use" tab
Total Non-Potable Deliveries to CII Landscapes with DIMs	0	Gallons/Year	Reported in "Actual Water Use" tab
Annual Aggregate Real Water Loss	451,533,733	Gallons/Year	Calculated in "Reported Real Water Loss" tab
Sum total actual water use	10,124,383,733	Gallons/Year	
Residential Outdoor Budget associated with 20% INI	0	Gallons/Year	Calculated in "Residential Outdoor Budget" tab
INI Included in objective?	Yes	Yes/No	If actual water use is greater than the objective without the inclusion of INI, this will be "Yes" and the residential outdoor budget associated with 20% INI will be included.
Objective, before being capped by SB X7-7	8,266,055,129	Gallons/Year	If B18 is "No", this value is equal to B10; if B18 is "Yes", this value is equal to B10 + B17
Excluded demands	3,251,690,000	Gallons/Year	Calculated in "Actual Water Use" tab. Sum of other, commercial and institutional, and industrial deliveries.
Objective-based total use	11,517,745,129	Gallons/Year	
SB X7-7 Annual Volume	17,327,280,000	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Process water excluded from the target	0	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Recycled water excluded from the target	0	Gallons/Year	Calculated in "SBx7-7 Backstop" tab
Target-based total use	17,327,280,000	Gallons/Year	SB X7-7 Annual Volume + Process and recycled water
Is target-based total use more efficient than objective-based total use?	No	Yes/No	If target-based total use is lower than objective-based total use, this will be "Yes" and

Residential Indoor Budget

Notes:

- Variances needed to be submitted prior to 10/1/2025.
- Variance data gets autopopulated into spreadsheet

Components of the Indoor Residential Budget	Value	Units	Calculation Instructions and Notes	Reference(s)
Indoor Residential Water Use Standard (2024)	55	GPCD		WC 10609.4(a)(1)
Indoor Residential Water Use Standard (2025)	47	GPCD		WC 10609.4(a)(2)
Number of days in 2024	184	Days in 2024		
Number of days in 2025	181	Days in 2025		
Residential Service Area Population	344,000	Number of persons	Obtained from SDWIS Residential Population Table	965(zz)
Residential Indoor Water Use Budget (not including provisions or variances)	6,407,688,000	Gallons/Year	Calculated. (2024 Indoor Residential Water Use Standard * Residential Population * Number of days in 2024) + (2025 Indoor Residential Water Use Standard * Residential Population * Number of days in 2025)	967(a)(1)

Variance Thresholds and Total Variance Volume	Value	Units	Calculation Instructions and Notes	Reference(s)
5% Threshold for Variances (Indoor Residential Budget)	320,384,400	Gallons	This is the equivalent of 5% of the residential indoor budget	967(b)(1)(B)
1% Threshold for Variances (Indoor Residential Budget)	64,076,880	Gallons	This is the equivalent of 1% of the residential indoor budget	967(c)(2)(C)
Utilizing Evaporative Cooler Variance?	No	Yes/No		
Utilizing Seasonal Population Variance?	No	Yes/No		
Utilizing Wastewater Provision?	No	Yes/No		
Total Volume of Variances and Provisions associated with Residential Indoor Volume (individual variances and provisions calculated below)	0	Gallons/year	Sum of variances that individually meet either the 5% or 1% threshold (depending on the selected method), plus provisions	967(b)(1)

Variances and Provisions Calculations

Variances and provisions must be approved in order to be utilized within the reporting form. Approved variances and provisions will be prefilled in the tables below.

Components of the Evaporative Cooler Variance	Value	Units	Calculation Instructions and Notes	Reference(s)
Number of samples used to determine the number of evaporative coolers in the supplier's service area	0	Connections		967(c)(1)(D)
Number of evaporative coolers	0	Number of coolers		967(c)(1)(A)
Average daily operating hours	0.0	Hours		967(c)(1)(B)(i) or (ii)
Average daily evaporation rate	0.0	Gallons/Hour		967(c)(1)(C)
Number of operating days	0	Number of days		967(c)(1)
Evaporative Cooler Variance Volume (before threshold check)	0	Gallons		967(c)(1)

< > ... Required Items Checklist Summary Objective Residential Indoor Budget Residential Outdoor Budget ... + : ◀

Residential Service Area Population

DDW District Office Contacts

DDW-EAR@waterboards.ca.gov

Electronic Annual Report

For questions on calculating or updating population data

Residential Outdoor Budget

Notes:

- Variances needed to be submitted prior to 10/1/2025.
- Climate data is autopopulated by DWR
 - Need to refresh data

Components of the Residential Outdoor Budget	Value	Units	Calculation Instructions and Notes	Reference(s)
Residential Outdoor Water Use Budget (without INI)	0	Gallons/Year	Calculated below, starting on row 27	968(b)(1)
Newly Constructed Residential Landscapes Budget (no SLAs)	0	Gallons/Year	Calculated below, starting on row 35	968(e)(1)
Residential Special Landscape Areas Budget (existing and new construction, and pools)	0	Gallons/Year	Calculated below, starting on row 40	968(c)(1)
Residential Outdoor Water Use Budget (not including INI, provisions, or variances; individual components calculated below)	0		Sum of individual residential outdoor water use budget components, as calculated in linked tables	

Variance Thresholds and Total Variance Volume	Value	Units	Calculation Instructions and Notes	Reference(s)
5% Threshold for Variances (excluding State or Local Emergency and High TDS variances)	0	Gallons	This is the equivalent of 5% of the residential outdoor budget	
1% Threshold for Residential Agriculture Variance	0	Gallons	This is the equivalent of 1% of the residential outdoor budget	
Utilizing Livestock Water Use Variance?	No	Yes/No		
Utilizing Dust Control Variance?	No	Yes/No		
Utilizing Residential Agriculture Variance?	No (Any classified Res-	Yes/No		
Utilizing Ponds and Lakes Variance?	No	Yes/No		
Utilizing New Climate-Ready Trees Provision?	No	Yes/No		
Utilizing Qualifying Landscapes Provision?	No	Yes/No		
Volume associated with residential portion of emergency and high TDS variances (if applicable)	0	Gallons	See calculations in the "Emergency&High TDS Variances" tab	
Total Volume of Variances and Provisions associated with Residential Outdoor Volume (individual variances and provisions calculated below)	0	Gallons/Year	Sum of variances that individually meet either the 5% or 1% threshold (depending on the selected method), plus provisions	

Residential Outdoor Water Use Components				
Net ETo Calculation	Value	Units	Calculation Instructions and Notes	Reference(s)
Reference Evapotranspiration (ET ₀)	0.00	Inches/Year	Obtained from Annual Weather Data Table	965(vv)
Effective Precipitation	0.00	Inches/Year	Obtained from Annual Weather Data Table	965(s)
Net ETo	0.00	Inches/Year	Net ET ₀ = ET ₀ - Effective Precipitation	965(kk)

Components of the Residential Outdoor Budget (excluding Special Landscapes and New Construction)	Value	Units	Calculation Instructions and Notes	Reference(s)
Unit Conversion Factor	0.62	Gallon-Feet/Inches	Value of 0.62 is derived from the conversion of inches to feet (for ET ₀) and 1 cubic	

Residential Outdoor Budget

Notes:

- Variances needed to be submitted prior to 10/1/2025.
- Climate data gets autopopulated once released by DWR

Components of the Residential Outdoor Budget	Value	Units	Calculation Instructions and Notes	Reference(s)
Residential Outdoor Water Use Budget (without INI)	0	Gallons/Year	Calculated below, starting on row 27	968(b)(1)
Newly Constructed Residential Landscapes Budget (no SLAs)	0	Gallons/Year	Calculated below, starting on row 35	968(e)(1)
Residential Special Landscape Areas Budget (existing and new construction, and pools)	0	Gallons/Year	Calculated below, starting on row 40	968(c)(1)
Residential Outdoor Water Use Budget (not including INI, provisions, or variances; individual components calculated below)	0		Sum of individual residential outdoor water use budget components, as calculated in linked tables	

Variance Thresholds and Total Variance Volume	Value	Units	Calculation Instructions and Notes	Reference(s)
5% Threshold for Variances (excluding State or Local Emergency and High TDS variances)	0	Gallons	This is the equivalent of 5% of the residential outdoor budget	
1% Threshold for Residential Agriculture Variance	0	Gallons	This is the equivalent of 1% of the residential outdoor budget	
Utilizing Livestock Water Use Variance?	No	Yes/No		
Utilizing Dust Control Variance?	No	Yes/No		
Utilizing Residential Agriculture Variance?	No (Any classified Res-	Yes/No		
Utilizing Ponds and Lakes Variance?	No	Yes/No		
Utilizing New Climate-Ready Trees Provision?	No	Yes/No		
Utilizing Qualifying Landscapes Provision?	No	Yes/No		
Volume associated with residential portion of emergency and high TDS variances (if applicable)	0	Gallons	See calculations in the "Emergency&High TDS Variances" tab	
Total Volume of Variances and Provisions associated with Residential Outdoor Volume (individual variances and provisions calculated below)	0	Gallons/Year	Sum of variances that individually meet either the 5% or 1% threshold (depending on the selected method), plus provisions	

Residential Outdoor Water Use Components

Net ETo Calculation	Value	Units	Calculation Instructions and Notes	Reference(s)
Reference Evapotranspiration (ET _o)	0.00	Inches/Year	Obtained from Annual Weather Data Table	965(vv)
Effective Precipitation	0.00	Inches/Year	Obtained from Annual Weather Data Table	965(ss)
Net ETo	0.00	Inches/Year	Net ET _o = ET _o - Effective Precipitation	965(kk)

Components of the Residential Outdoor Budget (excluding Special Landscapes and New Construction)	Value	Units	Calculation Instructions and Notes	Reference(s)
Unit Conversion Factor	0.62	Gallon-Feet/Inches	Value of 0.62 is derived from the conversion of inches to feet (for ET _o) and 1 cubic	

Residential Outdoor Budget

Notes:

- Don't leave places blank.
- Put 0 as appropriate

A	B	C	D	E
Net ET ₀	Gallons/Year	Net ET ₀ - ET ₀ - Effective Precipitation		
Components of the Residential Outdoor Budget (excluding Special Landscapes and New Construction)				
	Value	Units	Calculation Instructions and Notes	Reference(s)
Unit Conversion Factor	0.62	Gallon-Feet/Inches	Value of 0.62 is derived from the conversion of inches to feet (for ET ₀) and 1 cubic foot to 7.48 gallons (7.48/12).	
LEF for Residential Landscapes	0.8	Unitless		968(a)(1)-(3)
Irrigable Irrigated Residential Landscape Area, as measured by the Department	174,502,793	Square Feet	Obtained from Landscape Area Measurement Table	68(b)(2)(A)(i)
*Landscape area categorized as residential in the DWR LAM data but identified by supplier as CII		Square Feet	*If not applicable: enter 0	68(b)(5)
Irrigable Irrigated Residential Landscape Area, excluding SLAs, pools, and area identified by supplier as CII	173,238,496	Square Feet	Calculated: Irrigable Irrigated Area - Irrigable Irrigated SLA (not recycled) - Irrigable Irrigated SLA (recycled) - identified CII - Existing Pool Area (see the SLA section starting at row 31)	
Residential Outdoor Water Use Budget (without INI)	0	Gallons/Year	Calculated: Irrigable Irrigated Area excluding SLA * Net ET ₀ * LEF * Unit Conversion Factor.	968(b)(1)

Components of the Residential Outdoor Budget (New Construction, excluding RSLAs)				
	Value	Units	Calculation Instructions and Notes	Reference(s)
LEF for Newly Constructed Residential Landscape Area (excluding newly constructed RSLAs)	0.55	Unitless		968(a)(5)
Newly Constructed Residential Landscape Area (excluding newly constructed RSLAs)	0	Square Feet	New construction must be demonstrated to the Board.	965(mm)
Newly Constructed Residential Landscapes Budget (no RSLAs)	0	Gallons/Year	Calculated: Newly Constructed Area * Net ET ₀ * LEF * Unit Conversion Factor	968(e)(1)

Components of the Residential Outdoor Budget (RSLAs)				
	Value	Units	Calculation Instructions and Notes	Reference(s)
LEF for Residential Special Landscape Areas and Pools	1.0	Unitless		968(a)(4)
Square footage of existing pools, spas, and similar water features	1,264,297	Square Feet	Obtained from Landscape Area Measurement Table	968(c)(3)(A)
Residential Landscape Area identified by the supplier as Special Landscape Areas (excluding recycled water)	0	Square Feet	Special Landscape Areas must be approved by the Department in coordination with the Board.	965(aaa)
Residential Landscape Area identified by the supplier as being irrigated with recycled water	0	Square Feet	Special Landscape Areas must be approved by the Department in coordination with the Board.	965(aaa)
Newly Constructed Residential Special Landscape Area (excluding recycled water)	0	Square Feet	Special Landscape Areas must be approved by the Department in coordination with the Board.	

Residential Outdoor Budget

Net ET ₀	A	B	C	D	E
		0.62	inches/Year	Net ET ₀ - ET ₀ - Effective Precipitation	2023(mm)

Components of the Residential Outdoor Budget (excluding Special Landscapes and New Construction)	Value	Units	Calculation Instructions and Notes	Reference(s)
Unit Conversion Factor	0.62	Gallon-Feet/Inches	Value of 0.62 is derived from the conversion of inches to feet (for ET ₀) and 1 cubic foot to 7.48 gallons (7.48/12).	
LEF for Residential Landscapes	0.8	Unitless		968(a)(1)-(3)
Irrigable Irrigated Residential Landscape Area, as measured by the Department	174,502,793	Square Feet	Obtained from Landscape Area Measurement Table	968(b)(2)(A)(i)
*Landscape area categorized as residential in the DWR LAM data but identified by supplier as CII		Square Feet	*If not applicable: enter 0	968(b)(5)
Irrigable Irrigated Residential Landscape Area, excluding SLAs, pools, and area identified by supplier as CII	173,238,496	Square Feet	Calculated. Irrigable Irrigated Area - Irrigable Irrigated SLA (not recycled) - Irrigable Irrigated SLA (recycled) - identified CII - Existing Pool Area (see the SLA section starting at row 31)	
Residential Outdoor Water Use Budget (without INI)	0	Gallons/Year	Calculated. Irrigable Irrigated Area excluding SLA * Net ET ₀ * LEF * Unit Conversion Factor.	968(b)(1)

Components of the Residential Outdoor Budget (New Construction, excluding RSLAs)	Value	Units	Calculation Instructions and Notes	Reference(s)
LEF for Newly Constructed Residential Landscape Area (excluding newly constructed RSLAs)	0.55	Unitless		968(a)(5)
Newly Constructed Residential Landscape Area (excluding newly constructed RSLAs)	0	Square Feet	New construction must be demonstrated to the Board.	965(mm)
Newly Constructed Residential Landscapes Budget (no RSLAs)	0	Gallons/Year	Calculated. Newly Constructed Area * Net ET ₀ * LEF * Unit Conversion Factor	968(e)(1)

Components of the Residential Outdoor Budget (RSLAs)	Value	Units	Calculation Instructions and Notes	Reference(s)
LEF for Residential Special Landscape Areas and Pools	1.0	Unitless		968(a)(4)
Square footage of existing pools, spas, and similar water features	1,264,297	Square Feet	Obtained from Landscape Area Measurement Table	968(c)(3)(A)
Residential Landscape Area identified by the supplier as Special Landscape Areas (excluding recycled water)	0	Square Feet	Special Landscape Areas must be approved by the Department in coordination with the Board.	965(aaa)
Residential Landscape Area identified by the supplier as being irrigated with recycled water	0	Square Feet	Special Landscape Areas must be approved by the Department in coordination with the Board.	965(aaa)
Newly Constructed Residential Special Landscape Area (excluding recycled water)	0	Square Feet	Special Landscape Areas must be approved by the Department in coordination with	

New Construction for Outdoor Residential

Doesn't count as alternative data, doesn't expire

3 Approved Methodologies:

- MWELO reports
- Onground measurements
- Remote sensing; describe how this was done differently from DWR LAM and provide new measurement and volume

Update from last year! Prefilled by SWRCB. Submit by Mid-December so Water Boards has time to review and incorporate data. New construction requests should be sent to SWB at waterconservation@waterboards.ca.gov

See rows 43 and 44

Water Loss - Real Water Loss Budget Tab

Notes:

- Data is autopopulated
- Confirm details are correct

Table 1: Water Loss Budget Calculator

Until the submission of the report due on January 1, 2029 (covering the time period July 1, 2027-June 30th, 2028), the water loss budget can be either: 1) the individual water system budget/s calculated using the standard/s or 2) the reported real water losses.

The water loss standards, if available, are in the System-Specific Standards Table on the Open Data Portal.

In cell B10, choose between "Water Loss Standards" and "Reported Real Water Loss" to select the method for calculating the real water loss budget

If choosing "Water Loss Standards," please review the number of connections and length of mains data in Table 2 below.

If the "Water Loss Standard Type" in Column D is "Not Applicable" or "No Data," then reported real loss (as determined in the "Reported Real Water Loss" tab) is substituted in its place, regardless of the selection in Cell B10.

The sum of the standard-based volumes (or real water losses) in H27 will populate the efficient real water loss budget in the Objective tab.

Select budget calculation method
from dropdown

Water Loss Standards

[illegible]

[Back to Navigation List](#)

[Back to Objective Tab](#)

Water Loss - Real Water Loss Budget Tab

Water Loss - Annual Audit Report

 **Nirmala Mahadevan**

✉ WaterLoss@water.ca.gov

DWR

- For support calculating and validating water loss data.

Water Loss - UWUO Component

 Karina Herrera

✉ QRPP-WaterConservation@waterboards.ca.gov

State Water Board

For guidance on the water loss component of the UWUO.

Water Loss - Annual Questionnaire

 Eric Zuniga

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State Water Board

For information on water loss performance standards and questionnaires.

Table 1: Water Loss Budget Calculator

Until the submission of the report due on January 1, 2029 (covering the time period July 1, 2027-June 30th, 2028), the water loss budget can be either: 1) the individual water system budget/s calculated using the standard/s or 2) the reported real water losses.

The water loss standards, if available, are in the System-Specific Standards Table on the Open Data Portal.

In cell B10, choose between "Water Loss Standards" and "Reported Real Water Loss" to select the method for calculating the real water loss budget

If choosing "Water Loss Standards," please review the number of connections and length of mains data in Table 2 below.

If the "Water Loss Standard Type" in Column D is "Not Applicable" or "No Data," then reported real loss (as determined in the "Reported Real Water Loss" tab) is substituted in its place, regardless of the selection in Cell B10.

The sum of the standard-based volumes (or real water losses) in H27 will populate the efficient real water loss budget in the Objective tab.

Select budget calculation method from dropdown	Water Loss Standards
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Water Loss Standards

[illegible]

Water Loss - Reported Real Water Loss Tab

Notes:

- For some, data on Open data is from 2023
- There is option to provide Own estimate

[illegible]

CII Classification

Reporting requirements associated with implementing Section 972: Commercial, Industrial and Institutional (CII) classification system

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Pursuant to 972(c), a supplier shall classify "existing CII water users" by June 30, 2027. By June 30, 2028 and thereafter, the supplier shall maintain, for each reporting year, at least a 95 percent classification rate of all its CII water users.

Pursuant to 965(x), "existing CII water users" are those served by the supplier on or before the "effective date" of the regulation (January 1, 2025).

In cells B14 through B38, indicate the number of CII water users classified to date for each of the classification categories.

Please enter "0" in all sub-categories for which no users have been identified and, optionally, note in the comment box below that classification is in progress.

CII Classification Sub-Category	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier
Select source of Commercial, Institutional, and Industrial (CII) service connections data from drop-down	Open Data	N/A	Review CII connections data from "Open Data" (Calendar Year 2024 data from eAR) or provide "Updated Values."		
Total number of Commercial, Institutional, and Industrial (CII) service connections	0	Number of service connections		975(d)(1)(A)	
Number of classified CII water users	0		Auto-calculated sum of CII water users provided below. CII water users may be defined in terms of "Connections", "Accounts", or "Other". Please select the units in Cell C11 from the drop-down; these units will be used throughout the rest of the CII BMP sections	975(d)(1)(B)	
Total number of Commercial, Institutional, and Industrial (CII) water users		0	Total number of CII water users, in terms of the specified units. Optional field.		
Number of water users in banking/financial services category		0		975(d)(1)(C)	
Number of water users in education category		0		975(d)(1)(C)	
Number of water users in entertainment/public assembly category		0		975(d)(1)(C)	
Number of water users in food sales and service category		0		975(d)(1)(C)	
Number of water users in health care category		0		975(d)(1)(C)	
Number of water users in lodging/residential category		0		975(d)(1)(C)	
Number of water users in manufacturing/industrial category		0		975(d)(1)(C)	
Number of water users in mixed-use category		0		975(d)(1)(C)	
Number of water users in office category		0		975(d)(1)(C)	
Number of water users in parking category		0		975(d)(1)(C)	
Number of water users in public works category		0		975(d)(1)(C)	

CII Classification

Notes:

- Identify if you are reporting by accounts or connections
- Use notes to explain the status, how you compiled them, etc. Supplier notes are internal.

Reporting requirements associated with implementing Section 972: Commercial, Industrial and Institutional (CII) classification system

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Pursuant to 972(c), a supplier shall classify "existing CII water users" by June 30, 2027. By June 30, 2028 and thereafter, the supplier shall maintain, for each reporting year, at least a 95 percent classification rate of all its CII water users. Pursuant to 965(x), "existing CII water users" are those served by the supplier on or before the "effective date" of the regulation (January 1, 2025). In cells B14 through B38, indicate the number of CII water users classified to date for each of the classification categories. Please enter "0" in all sub-categories for which no users have been identified and, optionally, note in the comment box below that classification is in progress.

CII Classification Sub-Category	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier
Select source of Commercial, Institutional, and Industrial (CII) service connections data from drop-down	Open Data	N/A	Review CII connections data from "Open Data" (Calendar Year 2024 data from eAR) or provide "Updated Values."		
Total number of Commercial, Institutional, and Industrial (CII) service connections	0	Number of service connections		975(d)(1)(A)	
Number of classified CII water users	0		Auto-calculated sum of CII water users provided below. CII water users may be defined in terms of "Connections", "Accounts", or "Other". Please select the units in Cell C11 from the drop-down; these units will be used throughout the rest of the CII BMP sections	975(d)(1)(B)	
Total number of Commercial, Institutional, and Industrial (CII) water users		0	Total number of CII water users, in terms of the specified units. Optional field.		
Number of water users in banking/financial services category		0		975(d)(1)(C)	
Number of water users in education category		0		975(d)(1)(C)	
Number of water users in entertainment/public assembly category		0		975(d)(1)(C)	
Number of water users in food sales and service category		0		975(d)(1)(C)	
Number of water users in health care category		0		975(d)(1)(C)	
Number of water users in lodging/residential category		0		975(d)(1)(C)	
Number of water users in manufacturing/industrial category		0		975(d)(1)(C)	
Number of water users in mixed-use category		0		975(d)(1)(C)	
Number of water users in office category		0		975(d)(1)(C)	
Number of water users in parking category		0		975(d)(1)(C)	

CII Classification

Notes:

- Don't leave blank
- If supplier hasn't started classifying, put 0 and in Comment, explain that classification has not begun yet
- Use Comment field to explain if classification is in progress

Reporting requirements associated with implementing Section 972: Commercial, Industrial and Institutional (CII) classification system

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Pursuant to 972(c), a supplier shall classify "existing CII water users" by June 30, 2027. By June 30, 2028 and thereafter, the supplier shall maintain, for each reporting year, at least a 95 percent classification rate of all its CII water users. Pursuant to 965(x), "existing CII water users" are those served by the supplier on or before the "effective date" of the regulation (January 1, 2025). In cells B14 through B38, indicate the number of CII water users classified to date for each of the classification categories. Please enter "0" in all sub-categories for which no users have been identified and, optionally, note in the comment box below that classification is in progress.

CII Classification Sub-Category	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier
Select source of Commercial, Institutional, and Industrial (CII) service connections data from drop-down	Open Data	N/A	Review CII connections data from "Open Data" (Calendar Year 2024 data from eAR) or provide "Updated Values."		
Total number of Commercial, Institutional, and Industrial (CII) service connections	0	Number of service connections		975(d)(1)(A)	
Number of classified CII water users	0		Auto-calculated sum of CII water users provided below. CII water users may be defined in terms of "Connections", "Accounts", or "Other". Please select the units in Cell C11 from the drop-down; these units will be used throughout the rest of the CII BMP sections	975(d)(1)(B)	
Total number of Commercial, Institutional, and Industrial (CII) water users		0	Total number of CII water users, in terms of the specified units. Optional field.		
Number of water users in banking/financial services category		0		975(d)(1)(C)	
Number of water users in education category		0		975(d)(1)(C)	
Number of water users in entertainment/public assembly category		0		975(d)(1)(C)	
Number of water users in food sales and service category		0		975(d)(1)(C)	
Number of water users in health care category		0		975(d)(1)(C)	
Number of water users in lodging/residential category		0		975(d)(1)(C)	
Number of water users in manufacturing/industrial category		0		975(d)(1)(C)	
Number of water users in mixed-use category		0		975(d)(1)(C)	
Number of water users in office category		0		975(d)(1)(C)	
Number of water users in parking category		0		975(d)(1)(C)	

Number of water users in multiple categories

< > ... Actual Water Use Reported Real Water Loss SBx7-7 Backstop

CII Classification (972)

DIMs or In-Lieu

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Customer ID	CCF Usage	Classification													
2	CUST0001	53	DIMS													
3	CUST0002	390	"other"													
4	CUST0003	331	technology/science													
5	CUST0004	225	standalone carwash													
6	CUST0005	222	entertainment/public assembly													
7	CUST0006	431	vehicle dealership car wash; convenience store/gas station/ car wash													
8	CUST0007	52	water creation													
9	CUST0008	352	retail													
10	CUST0009	108	"other"													
11	CUST0010	56	retail													
12	CUST0011	268	manufacturing/industrial													
13	CUST0012	489	DIMS													
14	CUST0013	371	lodging/residential													
15	CUST0014	383	mixed-use; office													
16	CUST0015	362	retail													
17	CUST0016	395	water creation													
18	CUST0017	261	parking													
19	CUST0018	72	retail													
20	CUST0019	422	banking/Financial services													
21	CUST0020	231	entertainment/public assembly													
22	CUST0021	255	education													
23	CUST0022	192	education													
24	CUST0023	99	water creation													
25	CUST0024	465	water creation													
26	CUST0025	393	DIMS													
27	CUST0026	326	education													
28	CUST0027	207	education													
29	CUST0028	413	manufacturing/industrial													
30	CUST0029	277	services													
31	CUST0030	227	mixed-use; office													
32	CUST0031	231	retail													
33	CUST0032	431	food sales and service													

CII Classification

Row Labels	Count of Customer ID					
"other"	31					
banking/Financial services	32	Total number of Commercial, Institutional, and Industrial (CII) water users	1000	0	Total number of CII water users, in terms of the specified units. Optional field.	Not all classified
CII Laundries	31	Number of water users in banking/financial services category	32	0	975(d)(1)(C)	
DIMS	24	Number of water users in education category	33	0	975(d)(1)(C)	
education	33	Number of water users in entertainment/public assembly category	27	0	975(d)(1)(C)	
entertainment/public assembly	27	Number of water users in food sales and service category	29	0	975(d)(1)(C)	
food sales and service	29	Number of water users in health care category	20	0	975(d)(1)(C)	
healthcare	20	Number of water users in lodging/residential category	32	0	975(d)(1)(C)	
lodging/residential	32	Number of water users in manufacturing/industrial category	31	0	975(d)(1)(C)	
manufacturing/industrial	31	Number of water users in mixed-use category		0	975(d)(1)(C)	
mixed-use	37	Number of water users in office category		0	975(d)(1)(C)	
parking	18	Number of water users in parking category		0	975(d)(1)(C)	
public services	31	Number of water users in public services category		0	975(d)(1)(C)	
religious worship	27	Number of water users in religious worship category		0	975(d)(1)(C)	
repair services/car wash	34	Number of water users in retail category		0	975(d)(1)(C)	
retail	34	Number of water users in technology/science category		0	975(d)(1)(C)	
services	28	Number of water users in services category		0	975(d)(1)(C)	
standalone carwash	26	Number of water users in utility category		0	975(d)(1)(C)	
technology/science	32	Number of water users in warehouse/storage category		0	975(d)(1)(C)	
utility	28	Number of water users in "other" category		0	975(d)(1)(C)	
vehicle dealership car wash	23	Number of water users in CII laundries category		0	975(d)(1)(C)	
warehouse/storage	24	Number of water users in landscapes with dedicated irrigation meters (DIMS) category		0	975(d)(1)(C)	
water creation	40	Number of water users in water recreation category		0	975(d)(1)(C)	
(blank)	328	Number of water users in car wash category (property type: standalone car wash)		0	975(d)(1)(C)	
Grand Total	1000	Number of water users in car wash category (property type: vehicle dealership)		0	975(d)(1)(C)	
		Number of water users in car wash category (property type: convenience store with gas station)		0	975(d)(1)(C)	
		Number of water users in car wash category (property type: repair services)		0	975(d)(1)(C)	

DIM or In-Lieu

Identifying large landscapes:

- ½ acre or larger
- Decision Point - there are two options to select:
- By June 30, 2027 - Identify all existing CII water users associated with large landscapes
- By June 30, 2029 - Identify CII water users with large landscapes that exceed a calculated water budget

DIM or In-Lieu

Reporting requirements associated with implementing Section 973:

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Converting CII landscapes with mixed-meters to Dedicated Irrigation Meters (DIMs) or employing in-lieu technologies

Pursuant to 973(a), a supplier shall identify CII water users associated with "large landscapes." Large landscapes are CII landscapes that are 1/2 acre in size or larger with mixed-use meters.

Pursuant to 973(a)(1), a supplier shall identify all existing CII water users associated with large landscapes by June 30, 2027

Pursuant to 973(a)(2), a supplier shall alternatively identify, by June 30, 2029, just those CII water users associated with large landscapes and that exceed the water budget calculated according to the formula in 973(c)(1).

In cell B12, select one of the options: 973(a)(1) or 973(a)(2).

If you select 973(a)(1) in cell B12, enter values in cells B13 through B15 before moving to Cell B33.

If you select 973(a)(2) in cell B12, also enter values in cells B16 through B19 before moving to Cell B33.

If no large landscapes have yet been identified, enter "0" in cells B13 through B15 (and, if choosing 973(a)(1), B17 through B19 as well), and, optionally, note in the comment box below that identification is in progress.

Reporting requirements associated with implementing Section 973(a)	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier N
Did your agency identify CII water users pursuant to section 973(a)(1) or 973(a)(2)?	973(a)(1)		Select either "973(a)(1)" or "973(a)(2)" from the drop-down. Units are prefilled from the selection in the CII Classification tab.	975(d)(2)(B)	
Total number of water users associated with large landscapes			For this reporting year: if unable to quantify, enter "Unknown" in the box.	975(d)(2)(A)(i)	
Total estimated aggregate volume of water applied to large landscapes		Gallons/Year	For this reporting year: if unable to quantify, enter "Unknown" in the box.	975(d)(2)(A)(ii)	
Total aggregate square footage of large landscapes		Square Feet	For this reporting year: if unable to quantify, enter "Unknown" in the box.	975(d)(2)(A)(iii)	

Different options appear, depending on selection; because deadline is not until 2027, they can add "Unknown" for all fields

DIM or In-Lieu

Notes:

- If no landscapes have been identified, put a “Unknown” and add a comment in the Supplier Notes section.

Reporting requirements associated with implementing Section 973:

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Converting CII landscapes with mixed-meters to Dedicated Irrigation Meters (DIMs) or employing in-lieu technologies

Pursuant to 973(a), a supplier shall identify CII water users associated with "large landscapes." Large landscapes are CII landscapes that are 1/2 acre in size or larger with mixed-use meters.

Pursuant to 973(a)(1), a supplier shall identify all existing CII water users associated with large landscapes by June 30, 2027

Pursuant to 973(a)(2), a supplier shall alternatively identify, by June 30, 2029, just those CII water users associated with large landscapes and that exceed the water budget calculated according to the formula in 973(c)(1).

In cell B12, select one of two options: 973(a)(1) or 973(a)(2)

If you select 973(a)(1) in cell B12, enter values in cells B13 through B15 before moving to Cell B33.

If you select 973(a)(2) in cell B12, also enter values in cells B16 through B19 before moving to Cell B33.

If no large landscapes have yet been identified, enter "0" in cells B13 through B15 (and, if choosing 973(a)(1), B17 through B19 as well), and, optionally, note in the comment box below that identification is in progress.

Reporting requirements associated with implementing Section 973(a)	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier Notes
Did your agency identify CII water users pursuant to section 973(a)(1) or 973(a)(2)?	973(a)(1)	✓ / A	Select either "973(a)(1)" or "973(a)(2)" from the drop-down. Units are prefilled from the selection in the CII Classification tab.	975(d)(2)(B)	
Total number of water users associated with large landscapes			0 For this reporting year: if unable to quantify, enter "Unknown" in the box.	975(d)(2)(A)(i)	
Total estimated aggregate volume of water applied to large landscapes		Gallons/Year	For this reporting year: if unable to quantify, enter "Unknown" in the box.	975(d)(2)(A)(ii)	
Total aggregate square footage of large landscapes		Square Feet	For this reporting year: if unable to quantify, enter "Unknown" in the box.	975(d)(2)(A)(iii)	

BMPs - Disclosable Buildings

974(a) requires a supplier to, by January 1, 2025, identify the disclosable buildings within its service area using the list of disclosable buildings the California Energy Commission (CEC) has on its website.

- **On the CEC's website a supplier may "download submitted benchmarking information."**
- **A supplier is required to provide the information described in 974(b), if the disclosable building's owner or owner's agent requests it.**
- **This information includes the last four characters of each building meter's serial number and each meter's aggregate water use data in monthly intervals.**

BMPs - Disclosable Buildings

CaDC & CalWEP Disclosable Buildings Toolkit

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Disclosable Buildings Toolkit

Published: October 17th, 2025

QUICKLY IDENTIFY DISCLOSABLE BUILDINGS

Updated October 17, 2025 with the [2024 CEC Data](#)

CalWEP and the California Data Collaborative (CaDC) have partnered to provide an easy solution for water agencies to comply with the disclosable buildings requirement of the "Making Conservation a California Way of Life" regulation. The regulation requires water suppliers to *identify* all disclosable buildings within their service area by the effective date of the regulation, which is expected to be January 1, 2025. Agencies must use the list provided by the [California Energy Commission](#). Upon request from building owners or their agents, agencies must provide the last four characters of the meter serial number and the aggregate water use data in monthly intervals for each meter. Specific details can be found in the full regulatory text [here](#).

Our toolkit offers member agencies an efficient way to identify these buildings with ease and confidence.

Key Features:

AutoSave Off Disclosable-Buildings-2024-with-Supp... Saved to this PC Search

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D25

CALIFORNIA DATA COLLABORATIVE

CALIFORNIA WATER EFFICIENCY PARTNERSHIP

Disclosable Buildings Toolkit

CalWEP and the California Data Collaborative (CaDC) have partnered to provide an easy solution for water agencies to comply with the disclosable buildings requirement of the "Conservation as a California Way of Life" regulation. The regulation requires water suppliers to identify all disclosable buildings within their service area by the effective date of the regulation, which is expected to be January 1, 2025. Agencies must use the list provided by the California Energy Commission. Upon request from building owners or their agents, agencies must provide the last four characters of the meter serial number and the aggregate water use data in monthly intervals for each meter. Specific details can be found in the full regulatory text. The toolkit features:

Downloadable Excel Document: This ready-to-use Excel file containing the current list of all disclosable buildings within each water agency's boundary. Navigate to the sheet titled "Disclosable Buildings 2024" below to use for your annual report due January 1, 2026. Agencies can quickly filter by their name to obtain their specific disclosable building data.

GIS Mapping Application: Visualize your service area's disclosable buildings with our innovative GIS application. This tool maps each building to urban water supplier boundaries, providing a clear, visual representation that enhances data quality and accuracy checks (QA/QC).

[Click here for GIS Application \(2024 Data\)](#)

Notes

SOURCE DATA: CEC list of disclosable buildings can be found here: <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-benchmarking-program/report-benchmarking-data>

SOURCE DATA: The Supplier Boundary Dataset can be found here: <https://gis.data.ca.gov/datasets/waterboards::california-drinking-water-system-area-boundaries/explore>

Introduction Disclosable Buildings 2024 Disclosable Buildings 2023 Disclosable Buildings 2022

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BMPs - Disclosable Buildings

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	A	B	C	D
1	Portfolio Manager Property ID	PWS ID	Water System Name	Property Name
2	29868040	CA3610001	ADELANTO, CITY OF	11200 auburn ave
3	57091993	CA3610001	ADELANTO, CITY OF	desert gardens
4	28369259	CA3610001	ADELANTO, CITY OF	ine08017 - scla commerce center 17
3462				
3463				

F12

	A	B	C	D	E
1	Reporting requirements associated with implementing Section 974:				
2	CII Best Management Practices (BMPs) for water users that exceed a recommended size, volume of water use, or other threshold				
3					
4	974(a) requires a supplier to, by January 1, 2025, identify the disclosable buildings within its service area using the list of disclosable buildings the California Energy Commission (CEC) has on its website.				
5	On the CEC's website a supplier may "download submitted benchmarking information."				
6	A supplier is required to provide the information described in 974(b), if the disclosable building's owner or owner's agent requests it.				
7	This information includes the last four characters of each building meter's serial number and each meter's aggregate water use data in monthly intervals.				
8	Reporting requirements associated with implementing Section 974(a) and (b)	Value	Units	Calculation Instructions and Notes	Reference(s)
9	Total number of disclosable buildings identified pursuant to 974(a)	3	Number of buildings	Go to the guidance document to see an example of a procedure that may be used to determine the number of disclosable buildings	975(d)(3)(A)
10	Number of CII customers that have asked for the information required pursuant to 974(b)	0	Number of CII customers	Optional field.	
11	Total number of CII customers for which the supplier has provided the information required pursuant to 974(b)	0	Number of CII customers		975(d)(3)(B) No customer requested

CII BMPs - High Water Use Identification

High Water Use Reporting

974(c)(1) - Existing CII water users at or above the 97.5th percentile for CII water use; and Existing CII water users at or above the supplier's 80th percentile for CII water use.

974(c)(2) - (A) Existing CII water users at or above the supplier's 97.5th percentile for CII water use; and (B) Existing CII water users at or above the supplier's 80th percentile for water use in each of the classification categories

974(c)(3) - Identify existing CII water users that appear to be inefficient according to key business activity indicators (KBAI) the supplier has developed for the classification categories



CII BMPs - High Water Use Identification

974(c)(1) - Existing CII water users at or above the 97.5th percentile for CII water use; and Existing CII water users at or above the supplier's 80th percentile for CII water use.

Customer	Usage (CCF)
1	18.5
2	10.2
3	9.0
4	7.5
5	6.8

- **Broad percentile-based identification (Deadline: June 30, 2025)**
- **This fastest compliance approach requires suppliers to identify high water users based on overall CII consumption.**
- **It does not require classification into detailed business categories.**

Agency A has 5 CII customers, 52 ccf usage total; based on percentile approach, 1 customer is reported

CII BMPs - High Water Use Identification

974(c)(2) - (A) Existing CII water users at or above the supplier's 97.5th percentile for CII water use; and (B) Existing CII water users at or above the supplier's 80th percentile for water use in each of the classification categories

Customer	Classification	Usage (CCF)
1	Laundry	18.5
2	Food Sales	10.2
3	DIM	9.0
4	DIM	7.5
5	Office	6.8

Percentile-based Identification by Classification (Deadline: June 30, 2027)

✓ **Pros:** More **fair and accurate comparisons** by considering industry-specific water usage patterns.

✗ **Cons:** Requires **more data collection** and analysis.

Agency A has 5 CII customers, 52 ccf usage total; based on percentile by classification (Top 20% of each use per category), 4 customers are reported (80th percentile customers = Laundry - 1; Food Sales - 1; DIM - 1; Office - 1)

CII BMPs - High Water Use Identification

974(c)(3) - Identify existing CII water users that appear to be inefficient according to key business activity indicators (KBAI) the supplier has developed for the classification categories

Key Business Activity Indicators (KBAI) Approach (Deadline: June 30, 2029)

Customer	Classification	Usage (CCF)	Efficiency Status
1	Laundry	18.5	Above Benchmark (Needs Reduction)
2	Food Sales	10.2	Below Benchmark (No Action Needed)
3	DIM	9.0	Above Benchmark (Needs Reduction)
4	DIM	7.5	Above Benchmark (Needs Reduction)
5	Office	6.8	Below Benchmark (No Action Needed)

✓ **Pros:** Most accurate and customized method that avoids penalizing businesses that naturally have higher water demands.

✗ **Cons:** Requires significant effort to develop appropriate KBAs and regulatory approval before implementation.analysis.

CII BMPs - High Water Use Identification

High Water Use Reporting - Select Method

	A	B	C	D	E	F
Reporting requirements associated with implementing Section 974:						
CII Best Management Practices (BMPs) for water users that exceed a recommended size, volume of water use, or other threshold						
974(a) requires a supplier to, by January 1, 2025, identify the disclosable buildings within its service area using the list of disclosable buildings the California Energy Commission (CEC) has on its website. On the CEC's website a supplier may "download submitted benchmarking information." A supplier is required to provide the information described in 974(b), if the disclosable building's owner or owner's agent requests it. This information includes the last four characters of each building meter's serial number and each meter's aggregate water use data in monthly intervals.						
Back to Navigation List						
Reporting requirements associated with implementing Section 974(a) and (b)						
	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier Notes	
Total number of disclosable buildings identified pursuant to 974(a)		Number of buildings	Go to the guidance document to see an example of a procedure that may be used to determine the number of disclosable buildings	975(d)(3)(A)		
Number of CII customers that have asked for the information required pursuant to 974(b)		Number of CII customers	Optional field.			
Total number of CII customers for which the supplier has provided the information required pursuant to 974(b)		Number of CII customers		975(d)(3)(B)	No customer requested	
Pursuant to 974(c), a supplier shall identify CII water users that exceed the thresholds identified in paragraphs (1), (2), or (3). The thresholds identified in 974(c)(1) are (A) CII water users at or above the 97.5th percentile for CII water use & (B) CII water users at or above the 80th percentile for CII water use. The thresholds identified in 974(c)(2) are (A) CII water users at or above the 97.5th percentile for CII water use & (B) CII water users at or above the 80th percentile for water use in each of the 972 classification categories. The threshold identified in 974(c)(3) are CII water users that appear to be inefficient according to key business activity indicators (KBAI) the supplier has developed for the 972 classification categories.						
Pursuant to 974(g)(1), a supplier for which annual CII water deliveries are 10 percent or less of total deliveries (5-year average) shall design and implement a conservation program including at least two BMPs from subdivision (f)(1). If you wish to pursue this route, please fill out cell B19.						
5-year average CII % of total deliveries (provide a %):						
Implementing conservation program pursuant to 974(g)?	No					
After completing the table below, use the link that appears, corresponding to the selection made in B23 (and optionally, B19) to navigate to the appropriate tab and complete the rest of the requirements for 974(c).						
Reporting requirements associated with implementing Section 974(c)						
	Value	Units	Calculation Instructions and Notes	Reference(s)	Supplier Notes	
The method used to identify which CII customers would be offered Best Management Practices (BMPs)		A		975(d)(4)		
Number of classified CII water users	204	0	Autofilled from the "CII Classification (972)" tab, cell B11. Units are based on the defined units from the same tab.	975(d)(1)(B)		

CII BMPs - High Water Use Reporting

[SWRCB Resources on Top Percentile Calculations](#)

Report Usage and BMPs on appropriate tab

Reporting requirements associated with implementing Section 974(c)(1)	Value	Units	Calculation Instructions and Notes	Reference(s)	Suppliers
The number of CII water users at or above the 97.5th percentile for CII water use For the CII water users in cell B8, indicate the specific BMPs offered from each of the BMP categories			This information is required starting with the FY 2024-2025 report for suppliers choosing method 974(c)(1). Value must be greater than 0. Complete Table 1 if B8 is greater than 0	975(d)(4)(A)(i)	
The estimated annual water savings associated with the BMPs offered to CII water users at or above the 97.5th percentile for CII water use		Gallons/Year		975(d)(4)(A)(ii)	
The number of CII water users at or above the 80th percentile for CII water use For the CII water users in cell B11, indicate the specific BMPs offered from each of the BMP categories			This information is required starting with the FY 2024-2025 report for suppliers choosing method 974(c)(1). Value must be greater than 0. Complete Table 2 if B11 is greater than 0	975(d)(4)(A)(vi)	
The estimated annual water savings associated with the BMPs offered to CII water users at or above the 80th percentile for CII water use		Gallons/Year		975(d)(4)(A)(v)	

974(d) directs suppliers -- that have identified water users **at or above the 97.5th percentile for CII water use** -- to design and implement a conservation program that includes **at least two** BMPs from each of the BMP categories identified in 974(f). Suppliers are required to offer these BMPs to CII water users that exceed the 97.5th percentile threshold. In addition to **the required BMPs**, a supplier may also indicate if additional BMPs were offered. If "Other" is selected for any of the specific BMPs, in any of the BMP categories, [click here to describe the BMP offered](#).

If no BMPs have yet been offered for one or more BMP categories, select "N/A (in progress)" for each applicable cell

Table 1: For the water users identified according to (c)(1)(A), identify at least two BMPs from the drop-down menu in column B for each of the BMP categories identified in column A

BMP Category	Specific BMPs offered	Supplier Notes
(1) Outreach, Technical Assistance, and Education		Requires response
(1) Outreach, Technical Assistance, and Education		Requires response

DIMs or In-Lieu Tech (973)

BMPs (974)

974(c)(1)

974(c)(1) (10pct or less)

974(c)(2)

974(c)(2) (10pct or less)

...

+

AutoSave Off fake_cii_reporting_data

Search

File Home Insert Draw Page Layout Formulas Data Review View Automate Help Acrobat

Clipboard Font Alignment Number Styles Cells Editing

H15

	A	B	C	D	E	F	G	H
1	Customer ID	CCF Usage						
2	CUST0001	53						
3	CUST0002	390						
4	CUST0003	331						
5	CUST0004	225						
6	CUST0005	222						
7	CUST0006	431						
8	CUST0007	52						
9	CUST0008	352						
10	CUST0009	108						
11	CUST0010	56						
12	CUST0011	268						
13	CUST0012	489						
14	CUST0013	371						
15	CUST0014	383						
16	CUST0015	362						
17	CUST0016	395						
18	CUST0017	261						
19	CUST0018	72						
20	CUST0019	422						
21	CUST0020	231						
22	CUST0021	255						
23	CUST0022	192						

Sheet1 (2) Sheet1 Sheet3

CII BMPs - High Water Use Reporting

Report Usage and BMPs on appropriate tab

B	C	D	E	F
CCF Usage				
500				
500				
499				
499		# of CII Customers	1000	
499		Total Usage	256,481.00 ccf	
498		97.5th Percentile	6,412.03 ccf	
497		80th Percentile	51,296.20 ccf	
497				
496				
495			Usage	Count
494		97.5th	6459	13
493				
492		80th	51686	109
491				
491				

Reporting requirements associated with implementing Section 974(c)(1):

CII BMPs for water users that exceed a recommended size, volume of water use, or other threshold

A supplier shall identify the CII water users that exceed the thresholds identified in paragraph 974(c)(1) by June 30, 2025. [If you are unsure of h](#)

The thresholds for 974(c)(1) are (A) CII water users at or above the 97.5th percentile for CII water use & (B) CII water users at or above the supplier's

Complete all green fields in the table below. If a value is 0, enter 0; do not leave blank.

Reporting requirements associated with implementing Section 974(c)(1)	Value	Units
The number of CII water users at or above the 97.5th percentile for CII water use	13	
For the CII water users in cell B8, indicate the specific BMPs offered from each of the BMP categories		
The estimated annual water savings associated with the BMPs offered to CII water users at or above the 97.5th percentile for CII water use	0	Gallons/Year
The number of CII water users at or above the 80th percentile for CII water use	109	
For the CII water users in cell B11, indicate the specific BMPs were offered from each of the BMP categories		
The estimated annual water savings associated with the BMPs offered to CII water users at or above the 80th percentile for CII water use	0	Gallons/Year

CII BMPs - Program Reporting

If no BMPs have been offered, select “N/A (in progress)”

<https://www.epa.gov/watersense/best-management-practices>

974(d) directs suppliers -- that have identified water users **at or above the 97.5th percentile for CII water use** -- to design and implement a conservation program that includes **at least two** BMPs from each of the BMP categories. Suppliers are required to offer these BMPs to CII water users that exceed the 97.5th percentile threshold. In addition to **the required BMPs**, a supplier may also indicate if additional BMPs were offered. If “Other” is selected for any of the specific BMPs, in any of the BMP categories, click [here](#) to describe the BMP offered.

If no BMPs have yet been offered for one or more BMP categories, select “N/A (in progress)” for each applicable cell

Table 1: For the water users identified according to (c)(1)(A), identify at least two BMPs from the drop-down menu in column B for each of the BMP categories identified in column A

BMP Category	Specific BMPs offered	Supplier Notes	
(1) Outreach, Technical Assistance, and Education			Requires response
(1) Outreach, Technical Assistance, and Education	Direct contacts via site visits or phone calls		Requires response
(1) Outreach, Technical Assistance, and Education	Informative or educational bill inserts		
(1) Outreach, Technical Assistance, and Education	Conducting workshop or developing training videos		
(1) Outreach, Technical Assistance, and Education	Webpage portals to access information, tools, and rebates		
(2) Incentive best management practices	Cost-effectiveness analysis tools		Requires response
(2) Incentive best management practices	Commercials or advertisements		Requires response
(2) Incentive best management practices	Grassroots marketing		
(2) Incentive best management practices	Community-based social marketing		
(3) Landscape best management practices	Other CII best management practices derived from additional innovation and technology advancement that can be taken by suppliers, subject to Board approval		Requires response
(3) Landscape best management practices	N/A (in progress)		Requires response
(3) Landscape best management practices			
(3) Landscape best management practices			
(4) Collaboration and coordination best management practices			Requires response
(4) Collaboration and coordination best management practices			Requires response
(4) Collaboration and coordination best management practices			
(4) Collaboration and coordination best management practices			
(5) Operational best management practices			Requires response
(5) Operational best management practices			Requires response
(5) Operational best management practices			
(5) Operational best management practices			

974(e) directs suppliers -- that have identified water users **at or above the supplier's 80th percentile for CII water use** -- to design and implement a conservation program **by June 30, 2039** that includes **one BMP** from each of the BMP categories. Suppliers are required to offer these BMPs to CII water users that exceed the 80th percentile threshold. In addition to **the required BMPs**, a supplier may also indicate if additional BMPs were offered.

The background of the slide is a light gray topographic map with intricate contour lines. The lines are thin and gray, creating a complex pattern of peaks and valleys across the entire surface. The text is centered horizontally and vertically over this background.

Best Practices and Common Pitfalls

Steps to Review

Verify Pre Filled Data

- Most fields in the form are auto-populated from Open Data Portal datasets (population, water loss, deliveries, etc.)
- Before submission, cross-check all prefilled values against current Clearinghouse and SDWIS data to confirm accuracy
- Use the “Refresh All” feature under the Data menu to update external data connections

Steps to Review

Enable Form Functionality

- **Enable VBA content and external data connections when opening the workbook to allow hidden rows and data lookups to function**
- **If macros are blocked, unblock the file in Properties before reopening**
- **Only use the correct version (e.g., FY 2024–25 form); using older forms can lead to errors.**

Steps to Review

Review and Resolve Flags

- **The Required Items Checklist tab flags missing or incorrect entries:**
 - **Red text: must fix before submission**
 - **Orange text: warning; may be submitted if outside supplier control**
 - **Green: complete;**
 - **Grey: not applicable**
- **Pay special attention to the Summary tab for missing systems, mismatched population counts, or incomplete Clearinghouse data**

Steps to Review

Validate Mandatory Fields

- All red-bordered green cells are required.
- Complete or correct them until warnings disappear.
- Ensure that conditionally required (cross-hatched) cells activate correctly based on prior responses

Steps to Review

Certification and Submission

- **The Certification Statement must be signed by an authorized representative**
- **Both the signed certification PDF and completed Excel form must be uploaded to the WUE Data Portal for submission**
- **Don't wait until the last week**

Steps to Review

Timing and Holidays

- The report and signature form are due January 1, 2026.
- Plan around the winter holidays—agency signatories and support staff may be unavailable.
- Complete internal review and sign-off by mid-December to avoid last-minute issues.

Steps to Review

Use Available Tools and Cross-Checks

- Use pivot tables or internal QA spreadsheets to compare totals across tabs (Actual Use vs. Objective).
- Leverage CalWEP & CaDC's Disclosable Buildings Toolkit, LAM Explorer, and CII classification tools for validation and context.

Steps to Review

Data Integrity and Communication

- If data discrepancies are found:
 - Correct them at the source dataset (Open Data Portal or Clearinghouse) — do not edit pre filled values in the form.
 - If unresolved, contact orpp-waterconservation@waterboards.ca.gov
- Document internal notes in the “Supplier Notes” column for your team’s records (not reviewed by SWRCB)
- Add comments in the comment field at the bottom of each tab for SWRCB and public access.

Common Pitfalls

- Assuming the prefilled data is correct
- Treating the workbook as a form, not a dataset
- Data silos inside the agency
 - Staff preparing the report often don't coordinate with those maintaining Clearinghouse submissions or LAM updates.
- Delaying until signatures are needed
- Waiting until the last day to submit
- Focusing only on compliance, not interpretation
- Reviewing the "Summary" tab for hidden data problems.

The background of the slide is a light gray topographic map with intricate contour lines. The lines are thin and gray, creating a complex pattern of peaks and valleys across the entire surface. The text is centered horizontally and vertically over this background.

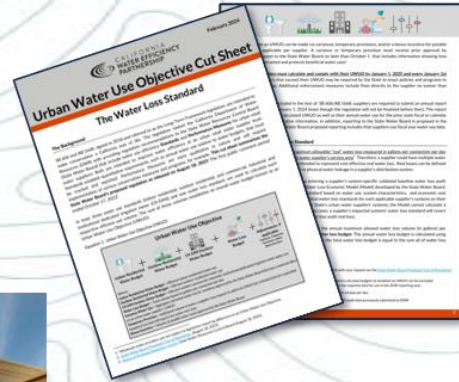
Available Tools and Resources

Framework Resources

CalWEP is your implementation partner.

AVAILABLE NOW:

- **Cut sheets for each standard and CII performance measures**
- **Framework 101 slide deck**
- **NAICS to ESPM Crosswalk**
- **Disclosable Buildings Toolkit**
- **RFP Guidance and Template RFP**
- **CII DIM Identification Guidebook**
- **CII Classification Guidance Document**
- **CalWEP LAM Viewer Powered by WaterView**
- **CalWEP Compliance Resource Hub (with interactive timeline!)**



Resources: Understanding the Framework



The Background

SB 605 and AB 1668, signed in 2018 and referred to as the Long-Term Framework legislation, are intended to make conservation a California way of life. The legislation tasked the California Department of Water Resources (DWR) with providing regulation recommendations to the State Water Resources Control Board (State Water Board) that include water use efficiency Standards and Performance Measures for urban retail water suppliers. Both are intended to improve water efficiency at the urban retail water supplier level. Standards establish quantitative requirements, such as annual water use relative to water budgets, that must be tracked and reported. Performance Measures are more qualitative in nature and will require the implementation of various conservation measures and programs, for example. This cut sheet summarizes the State Water Board's proposed regulation as released on August 18, 2023. The first public comment period ended October 17, 2023.

In total, three water use standards (indoor residential, outdoor residential, and commercial, industrial, and institutional dedicated irrigation water (CI-DIM)) and one water loss standard, are used to calculate each institutional dedicated irrigation water (CI-DIM) and one water loss standard, are used to calculate each institutional dedicated irrigation water (CI-DIM) and one water loss standard, are used to calculate each institutional dedicated irrigation water (CI-DIM).

Equation 1: Urban Water Use Objective (UWUO)



1. Wholesale water providers are not subject to regulation requiring adherence to an Urban Water Use Objective August 18, 2023.
2. [State Water Board Proposed Regulation](#), August 18, 2023.
3. [Notice of Proposed Regulation](#), State Water Board, August 18, 2023.



Overview

SB 605 and AB 1668, signed in 2018 are intended to "Make Water Conservation a California Way of Life." In total, three water use standards (indoor residential, outdoor residential, and outdoor commercial, industrial and institutional (CI-DIM)) one water loss standard, and a variety of adjustments are used to calculate each urban water supplier's overall budget. The sum of these is known as an Urban Water Use Objective (UWUO).



Adjustments to an UWUO can be made via variances, temporary provisions, and/or a bonus incentive for potable reuse, where applicable per supplier. A variance or temporary provision must receive prior approval by submitting a request to the State Water Board.

In addition to the UWUO, every urban water supplier will need to comply with a set of CII performance measures. These performance measures are intended to enable water usage benchmarking per CII classification category as well as establish DMAs for indoor and outdoor CII water use regardless of CII status. Even if an agency meets its UWUO, it will still need to comply with the CII Performance Measures.

Provisional Data

In March 2024, the State Water Board released updated provisional data for every urban water supplier in the state used for their Urban Water Shows projections for reductions needed by water suppliers in 2040 based on the state's provisional data. **(Note the provisional data does not include potential variances that suppliers may be able to utilize to adjust their UWUO.)**



Use the QR code to go to the Urban Water Shows website.



CalWEP Compliance Resource Hub

About Membership Publications Program Area Events

The Framework Implementation Guide

How can we help?

I want to understand the Making Conservation a Way of Life Regulation.

Select One

I want to comply with the CII portions of the regulation

Select One

I want to satisfy reporting requirements (includes alternative data and variances.)

Select One

I want to get support on the landscape-related requirements

Select One

I want to increase my agency's capacity through hiring consultants or external partners.

Select One

I want to explore funding opportunities

Select One

Charting the Course for Compliance

An educational series for urban water suppliers

Presented by:

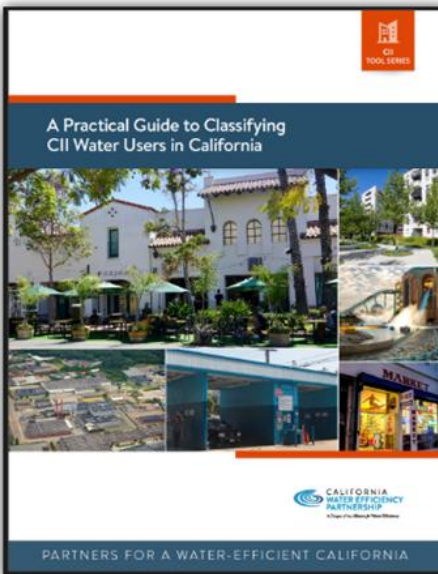


Resources: Identify CII Customers

Information Reported for 2023, California Building Energy Benchmarking Program, Downloaded July 16, 2025

Property Name	Address 1	Property GFA - Calculated (Buildings) (ft ²)	Primary Property Type - Portfolio Manager - Calculated
redemption - 161	161 nortech parkway	71800	Worship Facility
170 baytech drive	170 baytech drive	76799	Office
150-160 baytech drive	150 baytech drive	150000	Office
4435 fortran ave korean emmanuel church	4435 fortran drive	77805	Worship Facility
4801 leavenworth-cannery, llc	2801 leavenworth street	133675	Office
argonaut hotel-sv	445 jefferson street	180000	Hotel
4425 fortran dr	4425 fortran drive	76319	Office
anchorage square (2800 leavenworth)	2800 leavenworth street	319932	Strip Mall
anaiah taiwanese christian church	4405 fortran court	54967	Worship Facility
7720 taylor	2720 taylor street	66000	Mixed Use Property
the wax museum building	145 jefferson street	127124	Museum
160/2190 gold street	2160 gold st	225235	Office
hotel zephyr - whole building	250 beach street	54439	Hotel
1718-san joes-santa clara	2131 gold street	71169	Office
2100 gold street	2340 stockton street	52142	Office
2130 gold street	100 north point street	44530	College/University
300 stockton street, llc	2150 gold street	60000	Office
williams sonoma - 100 north point	2500 mason street	52214	Office
2150 gold street	2700 jones street	345000	Hotel
fu plaza fisherman's wharf hotel	550 north point street	126250	Hotel
sington alton hotel fisherman's wharf	1300 columbus avenue	164550	Hotel
san francisco fishermen's ca hies		249352	Hotel
300 columbus ave			

Resource provided by CalDC and CalWEP



NAICS & EnergyStar Portfolio Manager Crosswalk

Version Number 1.0, July 2024

The NAICS & EnergyStar Portfolio Manager (ESPM) Crosswalk can help water suppliers utilize NAICS codes for categorizing their commercial water accounts according to the EnergyStar Portfolio Manager's Classification and Subclassifications. These ESPM Categories also include the California State Water Resources Control Board's additional categories, while the subclassifications are not required to be utilized, they may be helpful for suppliers desiring more detailed classification to develop more focused water efficiency outreach efforts. NAICS is an industry classification system that groups establishments into industries based on the similarity of their production processes. It is a comprehensive system covering all economic activities. NAICS codes classify businesses based on the particular product or service they supply. While a business typically has a primary NAICS code, it can also possess multiple NAICS codes if it provides a variety of products and services.

Column Name	Column	Definition
NAICS Title	A	NAICS codes classify businesses based on the particular product or service they supply. While a business typically has a primary NAICS code, it can also possess multiple NAICS codes if it provides a variety of products and services.
NAICS Code	B	A numerical code that corresponds to the type of business.
CI Classification	C	Classification of businesses can be Commercial, Industrial, Institutional. The commercial, industrial, and institutional (CI) sector is the most diverse group of water users in urban areas. Water usage in this sector varies greatly depending on the industry and the specific facility.
EnergyStar Classification	D	The 22 broad categories follow the EPA EnergyStar classification system, the industry standard for benchmarking commercial buildings. Each category represents the primary use of water. This includes the CA-ESWRCR four additional classifications.
EnergyStar Sub-Classification	E	The 80+ sub-categories using the EPA EnergyStar classification system, the industry standard for benchmarking commercial buildings. This includes the CA-ESWRCR four additional classifications as subclassifications.
User Notes	F	Important details, preferences, or insight relevant to the NAICS code to consider for documentation.

Direct Technical Assistance

Get UWUO-Ready with Less Time, Less Cost, and More Confidence

Join CalWEP's Direct Technical Assistance Pilot: AI-Assisted CII Classification

A Smarter, Faster Way to Meet UWUO Requirements

- One-time, cost-effective technical assistance
- AI + expert review delivers secure, accurate, UWUO-ready results in weeks (95%+ accuracy)
- Powered by CalWEP | Delivered by MEA | Built for California water suppliers

MEA = Maureen Erbeznik & Associates

Resources: Variances and Alternative Data

CalWEP and CaDC's UWUO Variance Estimator

Agencies evaluate whether pursuing a specific variance is practical and cost-effective. By estimating how many qualifying items (e.g., evaporative coolers, livestock, special landscapes) need to be present in a service area to provides a clear understanding of how much of the variance is required, allowing agencies to assess whether the benefits of qualifying for a variance outweigh the administrative and operational

Indoor Variances		
5% Threshold Water Use (gal)	5% Threshold Water Use (AF)	
28,304,304	87	
24,932,595	77	
26,216,690	80	
32,960,276	101	
Evaporative Coolers		
Average Evaporative Rate (gal/hr)		
20		
Average Days of Use per Year		
225		
Hours per Use per Day		
The number of evaporative coolers required to qualify for the UWUO variance is estimated to be 1,048 in 2025 and 1,221 in 2040.		
Seasonal Population		
Do you have detailed detailed daily or hourly Advanced Metering Infrastructure data?		
Seasonal Occupancy Rate %		
Seasonal Duration (Days/Yr)		
Count of dwelling units involved for a 1% seasonal population UWUO variance is estimated to be 2,433 in 2025 and 3,171 in 2040.		

5% Threshold Water Use (gal)	5% Threshold Water Use (AF)
2025	18,034,495
2030	17,777,372
2035	14,785,590
2040	16,277,079

Recycled Water with High TDS		Emergency Events	
Yes	Use detailed plant based leaching requirements?	Water used for emergency response can qualify for a UWUO variance if the water usage is estimated to be 18,034,495 gal (55.35 AFY) in 2025 and 16,277,079 gal (49.95 AFY) in 2040.	
1000	Average TDS (mg/L)		
Sprinkler System	Irrigation Type		
Turfgrass (Cool-Season)	Plant Type		
To qualify for the 1% variance, the landscape area irrigated with recycled water containing high levels of TDS (based on plant-based leaching requirements) is 167,532 sqft (3.85 acres) in 2025 and 151,206 sqft (3.47 acres) in 2040.			
Ponds and Lakes for Sustaining Wildlife			
The total pond and lake surface area required to qualify for the UWUO variance is estimated to be 380,754 sqft (8.74 acres) in 2025 and 343,651 sqft (7.89 acres) in 2040.			

Outdoor Variances	
Residential Agriculture	
Yes	Do you have a...
Types of Crops	
Alfalfa	10%
Citrus	6%
Grapes	6%
Tomatoes	7%
Almonds	50%
Vegetables	21%
Avg Across All Crops	0%
Total Water Use	100%
*What percent of the outdoor variance wa...	
The total square footage of residential agric... for the 1% UWUO variance is estimated to be 6,701 sqft of Citrus (0.15 acres), 15,078 sqft of Tomatoes (0.10 acres), 28,492 sqft of Almonds (0.10 acres), and 0 sqft of Vegetables (0.45 acres), and 0 sqft of...	
The total square footage of residential agric... for the 1% UWUO variance is estimated to be 6,048 sqft of Citrus (0.14 acres), 13,609 sqft of Tomatoes (0.09 acres), 25,715 sqft of Vegetables (0.00 acres), and 0 sqft of...	

October 2008

Making Conservation a California Way of Life

Requesting Approval of Alternative Data Sources

Introduction

This guidance document helps water suppliers request approval for various alternative data sources under the Making Conservation a California Way of Life regulatory framework and Urban Water Use Reporting. It provides a detailed explanation of the minimum requirements, the process for approval, and considerations for supplier staff requests.

A supplier may, for each reporting year, use an alternative data source for reference if it demonstrates to the Department of Water Resources (DWR), in coordination with the State Water Board, that the data are equivalent, or superior, in quality and accuracy to the data provided by the DWR.

Before requesting approval for alternative data sources, it is recommended that determine if the supplier can meet its Urban Water Use Objective using the standard data. Evaluating all possibilities with the available standard data can help incentivize compliance efforts, save money, and ensure that the alternative data request is truly necessary for achieving year objectives.

This document includes the following Sections:

1. Types of Alternative Data Sources and Request Process
2. General Documentation Requirements for All Alternative Data Sources
3. Public Process Requirements for Alternative Data Approval
4. Submitting Alternative Data Request
5. Approval Process
6. Validity and Reliability
7. Why Alternative Data May Be Necessary

Section 1. Types of Alternative Data Sources and Request Process

Water suppliers may request approval for several types of alternative data sources. Request the approval of alternative data source can be made either separately for each type of data or combined.

When documenting the use of alternative data, each data type. Additional details can be found in the Guidelines and Procedures for California 2012 (12-2). Document or by contacting DWR.

October 2008

Making Conservation a California Way of Life

Urban Water Use Objective Reporting Contacts:

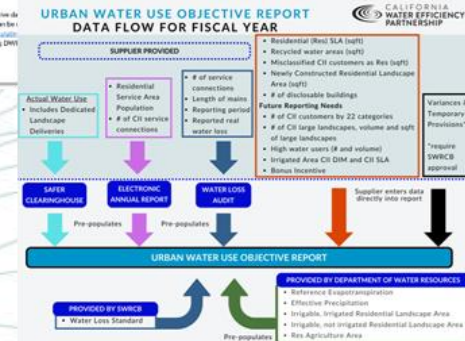
Agency Staff and Required Data

This contact list provides a comprehensive directory of agency staff responsible for data related to the Urban Water Use Objective (UWUO). It is designed to help agencies easily identify where and to whom they should direct their data inquiries. Each entry includes the name and email of key contacts, ensuring smooth communication and support for compliance efforts.

Preferred Email Subject Line:
"Urban Water Use Objective Support [Agency Name] - Assistance Needed on [Specific Data Topic]"

For any topics not listed or for general assistance, please reach out to OWRP-WaterConservation@waterboards.ca.gov or WUEStandards@water.ca.gov.

General Reporting Questions	Residential Service Area Population
- Marjorie Rhoades Marjorie.Rhoades@waterboards.ca.gov - State Water Board - For questions on annual report submission and guidelines.	- DWR District Office Contacts DWR.EAR@waterboards.ca.gov - Electronic Annual Report - For questions on annual report submission and guidelines.
Reference Evapotranspiration	Effective Precipitation
- Bekkie Temegen, Ricardo Trezza WUE.LAM@water.ca.gov - DWR - CMIS - For assistance with input or validating	- Responsible not Irrigated LAM - Res - Bekkie Temegen, Morticia Orang WUE.LAM@waterboards.ca.gov - DWR - CALIM STAW - For support with effective precipitation data and methodologies.



Resources: Landscape Area Measurement

Supplier Tools

CalWEP LAM Explorer

Water District Totals

Service Area	7.73 SQMI	ET	45.66 IN
Population	63,083	Peff	5.47 IN
Total Parcels	19,774	LEF (2025)	0.8
Total RES Extensions	19,716	GPCD	47
Source	DWR Annual Report	Vintage	12/1/2024

RES LAM Totals

Total Res Parcels	19,144	NI Area	74,160,100 SQFT
II Area	28,052,369 SQFT	Extension II Area	8,548,025 SQFT
INI Area	9,411,037 SQFT		

CII LAM Totals

Total CII Parcels	577	Vegetative Cover INI	66,798 SQFT
II Area	23,016,580 SQFT	Bare Earth INI	76,692 SQFT
NI Area	44,922,330 SQFT	Pervious NI	1,402,521 SQFT
Impervious	34,125,970 SQFT	Undeveloped Lands	8,328,086 SQFT
Pools	23,124 SQFT	Horse Corrals	0 SQFT
Turfgrass II	12,621,304 SQFT	Open Water	1,054,270 SQFT
Canopy II	6,608,465 SQFT	Artificial Turf	11,483 SQFT
Vegetative Cover II	1,047,446 SQFT	Agricultural Land	2,079,794 SQFT
Bare Earth II	636,447 SQFT		
Turfgrass INI	414,796 SQFT		
Canopy INI	323,674 SQFT		

Layers

- ☒ WD Boundary
- ☐ CII AOI
- ☒ All LUCD Layers
- ☐ Impervious
- ☐ Pools
- ☐ II Turfgrass
- ☐ II Canopy
- ☐ II Vegetated Cover

All your state provided data in ONE PLACE

Indoor Residential Water Budget + Outdoor Residential Water Budget + CII-DIM Outdoor Water Budget

CalWEP LAM Explorer
POWERED BY WATERVIEW Water Efficiency Software

Next Year

Use Variance Estimator and LAM Explorer together to see if any landscape measurements meet the Variance Thresholds!

Supplier Tools			
CalWEP LAM Explorer			
Water District Totals			
Service Area	7.73 SQMI	ET	45.66 IN
Population	63,083	Peff	5.47 IN
Total Parcels	19,774	LEF (2025)	0.8
Total RES Extensions	19,716	GPCD	47
Source	DWR Annual Report	Vintage	12/1/2024
RES LAM Totals			
Total Res Parcels	19,144	NI Area	74,160,100 SQFT
II Area	28,052,369 SQFT	Extension II Area	8,648,025 SQFT
INI Area	9,411,037 SQFT		
CII LAM Totals			
Total CII Parcels	577	Vegetative Cover INI	66,798 SQFT
II Area	23,016,580 SQFT	Bare Earth INI	76,692 SQFT
NI Area	44,922,330 SQFT	Pervious NI	1,402,521 SQFT
Impervious	34,125,970 SQFT	Undeveloped Lands	8,328,086 SQFT
Pools	23,124 SQFT	Horse Corrals	0 SQFT
Turfgrass II	12,621,304 SQFT	Open Water	1,054,270 SQFT
Canopy II	6,608,465 SQFT	Artificial Turf	11,483 SQFT
Vegetative Cover II	1,047,446 SQFT	Agricultural Land	2,079,794 SQFT
Bare Earth II	636,447 SQFT	Functional Turf	11,840,870 SQFT
Turfgrass INI	414,796 SQFT	Non Functional Turf	1,195,230 SQFT
Canopy INI	323,674 SQFT		

Next Year

Use Variance Estimator and LAM Explorer together to see if any landscape measurements meet the Variance Thresholds!

CalWEP and CaDC's UWUO Variance Estimator

ical and cost-effective. By estimating how many qualifying items (e.g., evaporative coolers, livestock, special landscapes) need to be present in a service area to meet the 5% per budget area threshold required for the variance to apply, the tool enables agencies to make informed of how much of the variance is required, allowing agencies to assess whether the benefits of qualifying for a variance outweigh the administrative and operational costs involved to conduct a formal assessment.

5% Threshold Water Use (gal)			5% Threshold Water Use (AF)	Outdoor Variances			Water Use for Animals				
2025	18,034,495		55	Residential Agriculture Landscapes			Types of Animals	% of Total Water*	Average Days/ Week Watering		
2030	17,777,372		55	Yes	Do you have crop specific landscape area data?		Sheep/Llama, Donkey, Swine	10%	5 days/week		
2035	14,785,590		45	Types of Crops		% of Total Water*	(200-500 lbs)	5%	7 days/week		
2040	16,277,079		50	Citrus		6%	Cattle and Bulls	15%	7 days/week		
Recycled Water with High TDS			Emergency Events			Grapes		6%	6%	7 days/week	
Yes	Use detailed plant based leaching requirements?		Water used for emergency response can qualify for a UWUO variance if the water usage is estimated to be 18,034,495 gal (55.35 AFY) in 2025 and 16,277,079 gal (49.95 AFY) in 2040.			Tomatoes		7%	6%	4 days/week	
1000	Average TDS (mg/L)					Almonds		50%	6%	7 days/week	
Sprinkler System		Irrigation Type				Vegetables		21%	6%	7 days/week	
Turfgrass (Cool-Season)		Plant Type				Avg Across All Crops		0%	6%	7 days/week	
To qualify for the 1% variance, the landscape area irrigated with recycled water containing high levels of TDS (based on plant-based leaching requirements) is 167,532 sqft (3.85 acres) in 2025 and 151,206 sqft (3.47 acres) in 2040.			Dust Control for Animal Corrals			Total Water Use		100%	*What percent of the outdoor variance water use is associated with each animal?		
			The total square footage of animal corrals required to qualify for the UWUO variance is estimated to be 1,103,951 sqft (25.34 acres) in 2025 and 996,374 sqft (22.87 acres) in 2040.			Total Water Use		100%	In 2025, the amount of animals required to qualify for the UWUO variance is estimated to be 867 sheep/ llamas/ donkeys/ swine; 310 other medium-sized animals (200-500 lbs); 676 cattle and bulls; 0 other large-sized animals (500 lbs +); 4,002 horses and mules; and 310 milking cows.		
Ponds and Lakes for Sustaining Wildlife						The total square footage of residential agriculture landscapes required to qualify for the 1% UWUO variance is estimated to be 4,750 sqft of Alfalfa (0.11 acres), 6,701 sqft of Citrus (0.15 acres), 15,078 sqft of Grapes (0.35 acres), 4,308 sqft of Tomatoes (0.10 acres), 28,492 sqft of Almonds (0.65 acres), 19,721 sqft of Vegetables (0.45 acres), and 0 sqft of mixed crops (0.00 acres) in 2025.		The tree canopy area (sqft) required to qualify for the UWUO variance is estimated to be 5,235,372 sqft (120.19 acres) in 2025 and 4,725,198 sqft (108.48 acres) in 2040.		In 2040, the amount of animals required to qualify for the UWUO variance is estimated to be 783 sheep/ llamas/ donkeys/ swine; 279 other medium-sized animals (200-500 lbs); 610 cattle and bulls; 0 other large-sized animals (500 lbs +); 3,612 horses and mules; and 279 milking cows.	
The total pond and lake surface area required to qualify for the UWUO variance is estimated to be 380,754 sqft (8.74 acres) in 2025 and 343,651 sqft (7.89 acres) in 2040.						The total square footage of residential agriculture landscapes required to qualify for the 1% UWUO variance is estimated to be 4,288 sqft of Alfalfa (0.10 acres), 6,048 sqft of Citrus (0.14 acres), 13,609 sqft of Grapes (0.31 acres), 3,888 sqft of Tomatoes (0.09 acres), 25,715 sqft of Almonds (0.59 acres), 0 sqft of Vegetables (0.00 acres), and 0 sqft of mixed crops (0.00 acres) in 2040.					

Next Year

CalWEP CII BMP Database!

CII Turf Replacement Program

Description

This program provides incentives to CII customers to replace turf with water-efficient landscaping, such as low-water-use plants, drip irrigation, and mulch.

Water Use



Water Savings

Average estimated
30,000 gall

Incentive BMPs

Outreach, Technical
Assistance, and
Education

Example Program

ABC Utility

Program Type

Incentives BMPs

Program Details

Add to portfolio

BMP Category	BMP	Water Conservation Programs for CII Program						
		Turf Replacement Rebate Program	Spray-to-Drip Irrigation Rebate Program	Outdoor Landscape Surveys	Landscape Device Rebates: Timers, Nozzles, Rain Barrels	Indoor Device Rebates: Toilets, Washers	Flow Monitoring Device Rebates	Industrial Water Savings Rebate (Customized, Based on Savings)
BMP (1) Outreach, Technical Assistance, and Education best management practices	(D) Webpage portals to access information, tools, and rebates							
	(E) Cost-effectiveness analysis tools							
	(F) Commercials or advertisements							
	(G) Grass roots marketing							
	(H) Community based social marketing	X	X		X			
	(I) Other CII-best management practices derived from additional innovation and technology advancement that can be taken by suppliers, subject to Board approval							

CII BMP Planner - Free Conservation Strategy Builder

CII CUSTOMER TYPES

BMP CATEGORIES

CREATE PLAN

LOGIN / REGISTER

Restaurants

Hotels

Office Buildings

Tools

Washes

Convenience Stores

Healthcare Facilities

Manufacturing

BUILD YOUR CUSTOM CII WATER CONSERVATION PLAN

- ✓ Comply with UWUO
- ✓ Save water & operational costs
- ✓ Get BMPs tailored to your sector

SELECT BMPs & CREATE PLAN

Filter By:

Resource Cost

\$

\$

\$

\$

Feasibility

Low

Moderate

High

Estimated Water Savings

Incentive Eligible

☐

Yes

☐

No

Selected BMPs

EXPORT BMP PLAN

Pre-Rinse Spray Valve Program

Upgrade to high efficiency pre-rinse spray valves to reduce water use in dishwashing operations

25% Water Savings

Irrigation Schedule Audits

Evaluate and adjust irrigation schedules to optimize water use based on plant requirements and weather conditions

~ 20% Water Savings

Wavelet

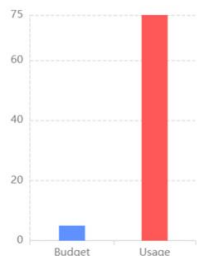
CaDC's water demand software with an UWUO module

- Billed Consumption Data and AMI Data
- CII Classification tool
- Top Water User Lists
- Reports for Compliance

January 2025 Actual Usage vs Budget Calculator

● Outdoor Budget ● Indoor Budget ● Over Budget ● Under Budget ● Calculated Budget

Usage: January 2025



Calculate Budget Scenarios To Simulate Usage

*For estimation purposes only

*Default values populated from customer data

Monthly Budget = Indoor Budget + Outdoor Budget
5.274 CCF 4.987 + 0.288

Outdoor Budget = ETAF Irrigable area (sqft) ET sum for mo.
0.288 CCF 0.8 × 154 × 2.82

Indoor Budget = GPCD Household size (ppl.) Days in month
4.987 CCF 47 × 2.56 × 31

Irrigable Area (sqft) Estimator

*For estimation purposes only



Water Use Objective

DEFINITIONS AND INPUT DATA

Total Actual Usage vs Regulation Milestones

● Total Actual Usage ● Water Use Objective



The background of the slide is a light gray topographic map with intricate contour lines. The lines are thin and gray, creating a complex, wavy pattern across the entire surface. In the center of this pattern, the text 'Q&A' is displayed in a bold, blue, sans-serif font.

Q&A

Charting the Course for Compliance

An educational series for urban water suppliers

Presented by:



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DATA
COLLABORATIVE



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PARTNERSHIP

