

Long Term Conservation Framework



**Dublin San Ramon
Services District**

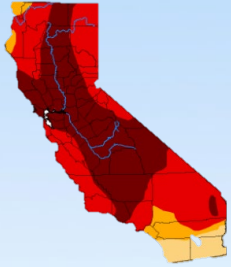
Water, wastewater, recycled water

Irene Suroso

Board of Directors Meeting

October 18, 2022

State Regulatory and Legislative Actions



2012-2016
California
Drought



2017 Framework

- Use water wisely
- Eliminate water waste
- Strengthen local drought resilience
- Improve agricultural water use efficiency and drought planning



20x2020
Water
Conservation
Act of **2009**



2016
Executive Order
B-37-16



2018
Legislation
SB 606 and
AB 1668



Making Water Conservation a California Way of Life

State AB 1668 and SB 606

Aggregate residential indoor use
+
Aggregate residential outdoor use
+
Aggregate CII outdoor use
CII landscape areas with dedicated irrigation meters
+
Aggregate water loss
+
Approved variances (if applicable)
+
Bonus incentives (Up to 15% potable reuse water)
=

DSRSD Water Use Objective



20x2020 versus Long Term Water Use Objectives

2020 Target



169 GPCD

Water Use Objective

Projected Indoor Water Use Standard

Projected Outdoor Residential Use Standard

Projected CII Outdoor Standard

Projected System Water Loss Standard

Urban Water Use Objective – Indoor Residential

Existing Law

Now to 2025 = 55 gpcd

2025-2030 = 52.5 gpcd

After 2030 = 50 gpcd

SB 1157

Now to 2025 = 55 gpcd

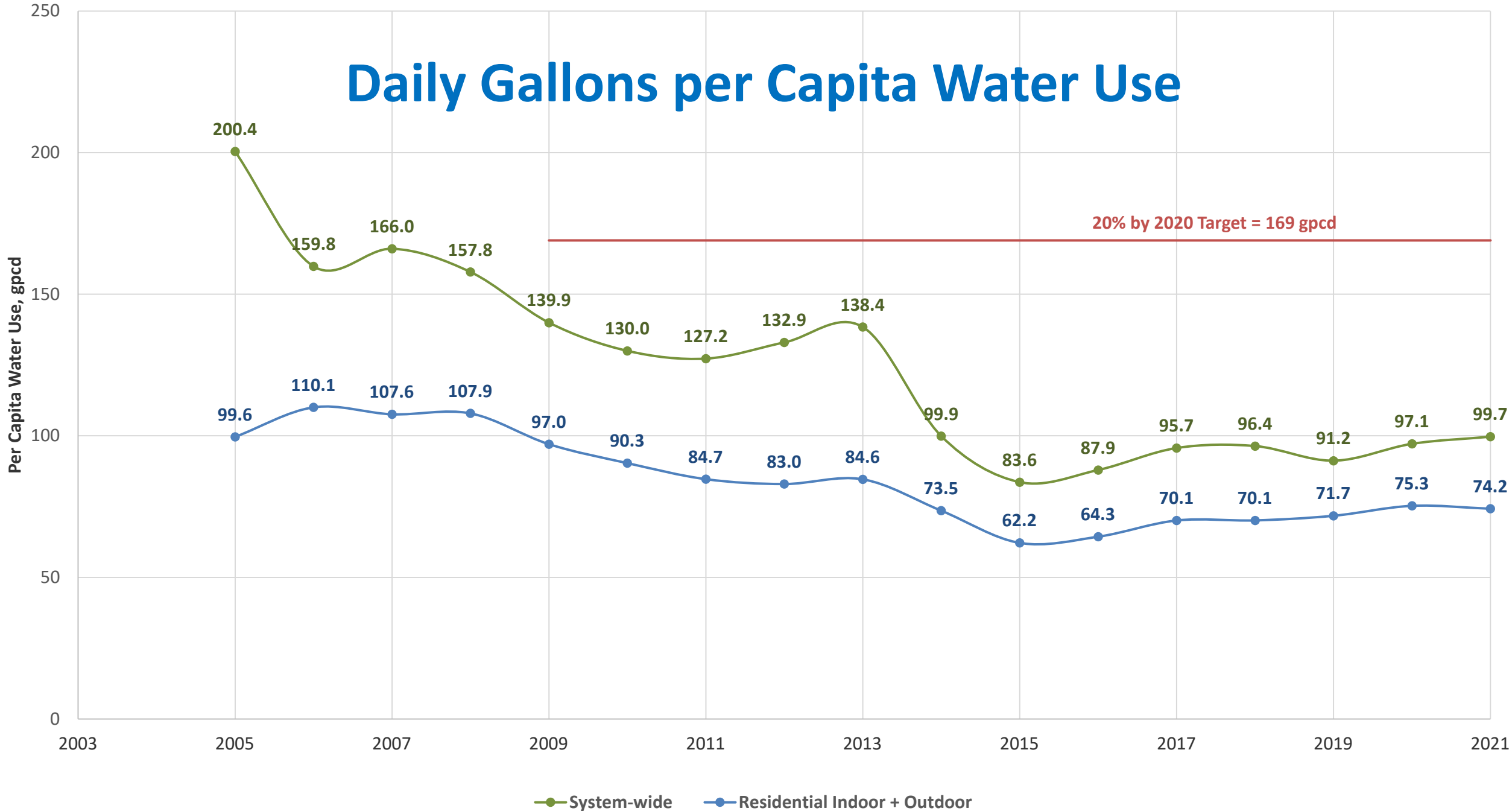
2025-2030 = 47 gpcd

After 2030 = 42 gpcd

Approved by Governor on September
28, 2022

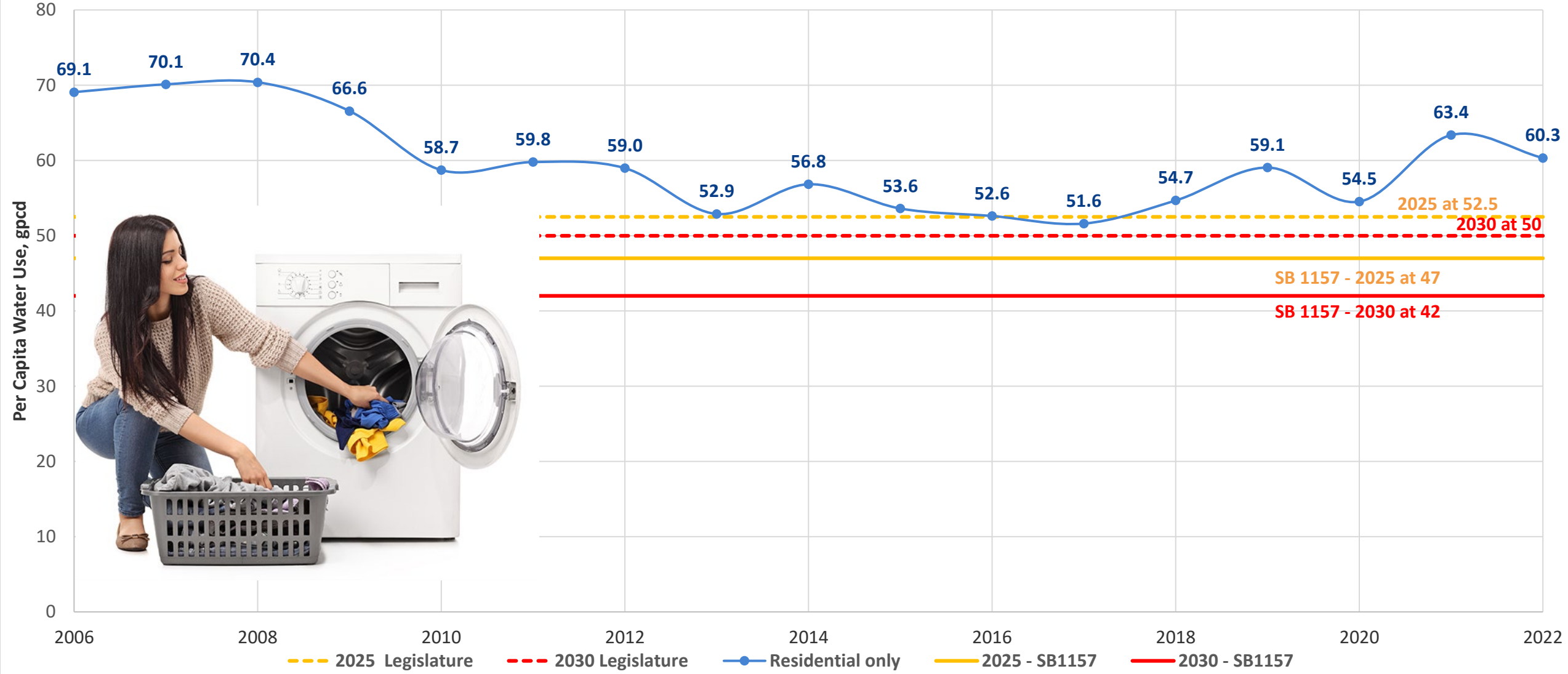


Daily Gallons per Capita Water Use



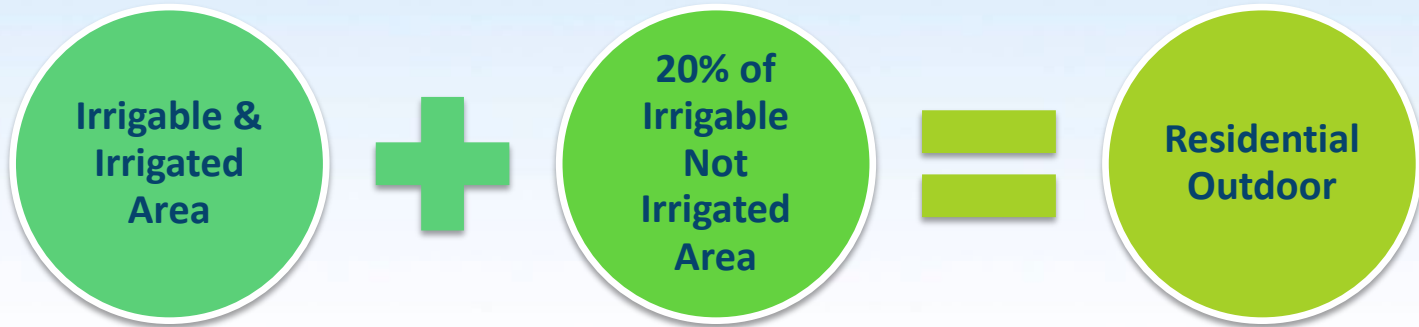
Residential Indoor Target, gallons per capita per day

Residential Indoor Water Use - Based on Winter Month

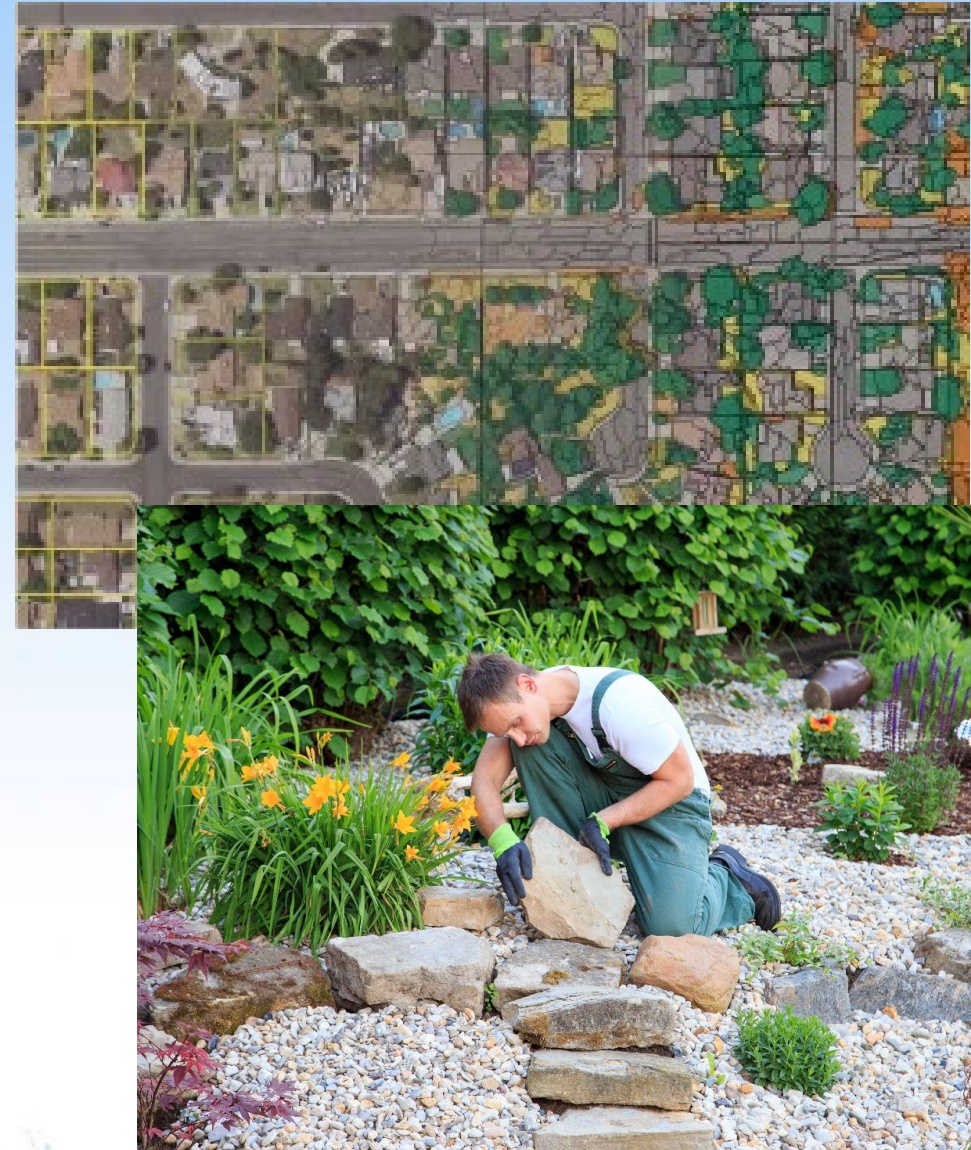


Residential Outdoor

Landscape area measurement was developed using aerial imagery of 399 urban water agencies in California



Efficient Outdoor Residential Water Use calculation based on principles of Model Water Efficient Landscape Ordinance (MWELO)



Commercial, Industrial, Institutional (CII) Outdoor Landscape

Areas irrigated with recycled water must also meet
water use efficiency standards



CII Standard and Performance Measures (Mixed-Use Meter)

Measure

- Must map 20% of CII water accounts per year
- 5 years to complete

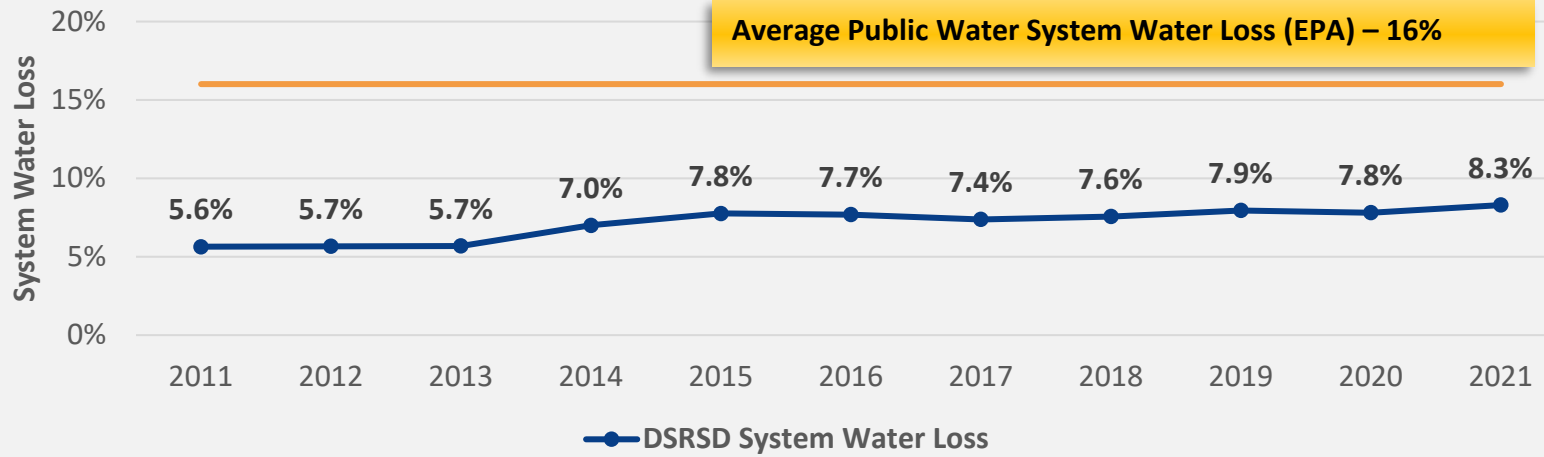
Classify

- Formal procedures for collecting classification info (19 water-centric categories)
- Update classifications with modified or new service requests

Implement

- CII Dedicated Irrigation Meter Water Use Standard
- Performance Measures (In-Lieu technology & BMP)

Water Losses



Baseline Water Loss Standard for DSRSD (2018 to 2020 Water Loss Audits) (DWR released date: September 9, 2022)

System name	Current leakage (gpcd)	Standard (gpcd)	30-yr Benefit-Cost Ratio	5-yr Benefit-Cost Ratio	Reduction from Baseline (%)
Dublin San Ramon Services District	10.7	10.7	-	-	No Reduction
California Water Service Company - Livermore	16	16	-	-	No Reduction
City of Livermore	35.6	17.6	8.1	4.6	51
City of Pleasanton	30.9	18.8	6.4	3.7	39
Contra Costa Water District	28.1	19.7	6.5	3.5	30
City of Hayward	22.5	22.5	-	-	No Reduction
Alameda County Water District	25.4	25.4	-	-	No Reduction
San Francisco Public Utilities Commission	27.4	27.4	-	-	No Reduction
East Bay Municipal Utility District	44	44	-	-	No Reduction



2019 - 2021



Developing standards and regulatory docs

2022



Adopt rulemaking

2023



Suppliers calculate objectives

2027



Suppliers achieve objectives

RULEMAKING

REPORTING

COMPLIANCE

To Meet Regulatory Requirements by 2027

» Water Use Efficiency/Conservation Master Plan

- Evaluate current and potential water use efficiency measures
- Identify strategies for meeting the new water use standards with measures for all customer types

» Require resources to enforce the conservation regulatory requirements



Questions?