



One Water & Adaptation Committee

# Estimating the Efficacy of the Regional Conservation Program

Item 6b

August 18, 2025

# Estimating the Efficacy of the Regional Conservation Program

## Subject

Assumptions and practices associated with conservation incentive programs and water-savings efficacy

## Purpose

Provide information the Board of Directors on the methods and strategies used by staff to manage conservation programs

## Overview

Metropolitan gages the efficacy of conservation programs by:

- 1) Using industry-wide assumptions to estimate water savings per measure
- 2) Ensuring qualifying devices or models meet or exceed performance standards
- 3) Verifying the installation of measures through a robust inspection program

# Determining water savings estimates per measure

## Estimating Water Savings



- Industry standards
- Metropolitan research and programs
- Regular review of active devices



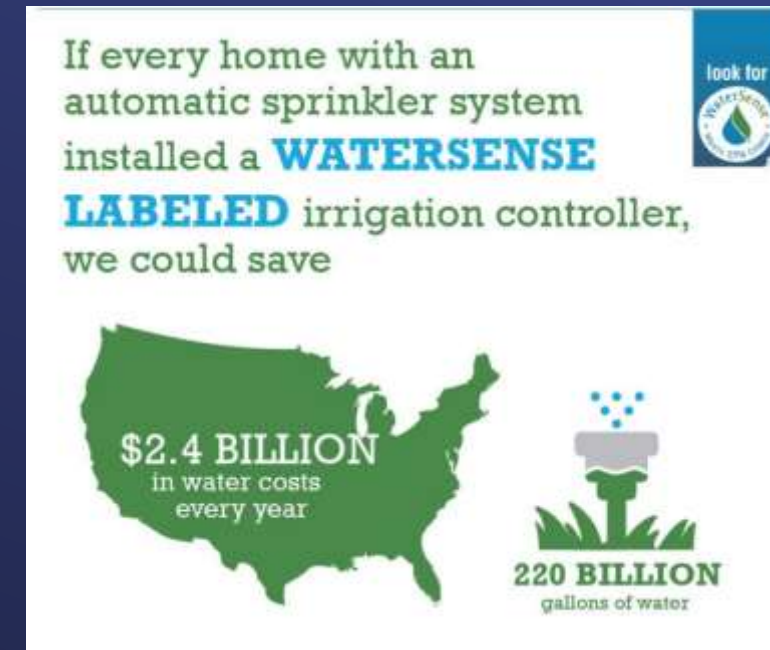
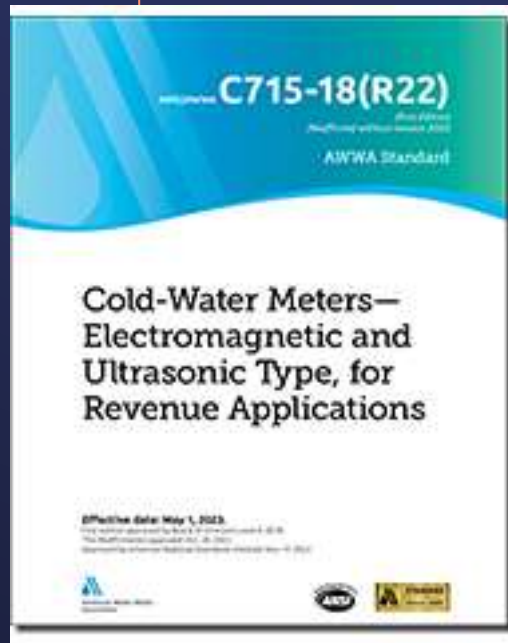


# Confirm models meet performance standards

## Ensuring Devices Perform



- Standards set by organizations to ensure consistency with all products in the market
- Efficiency and performance

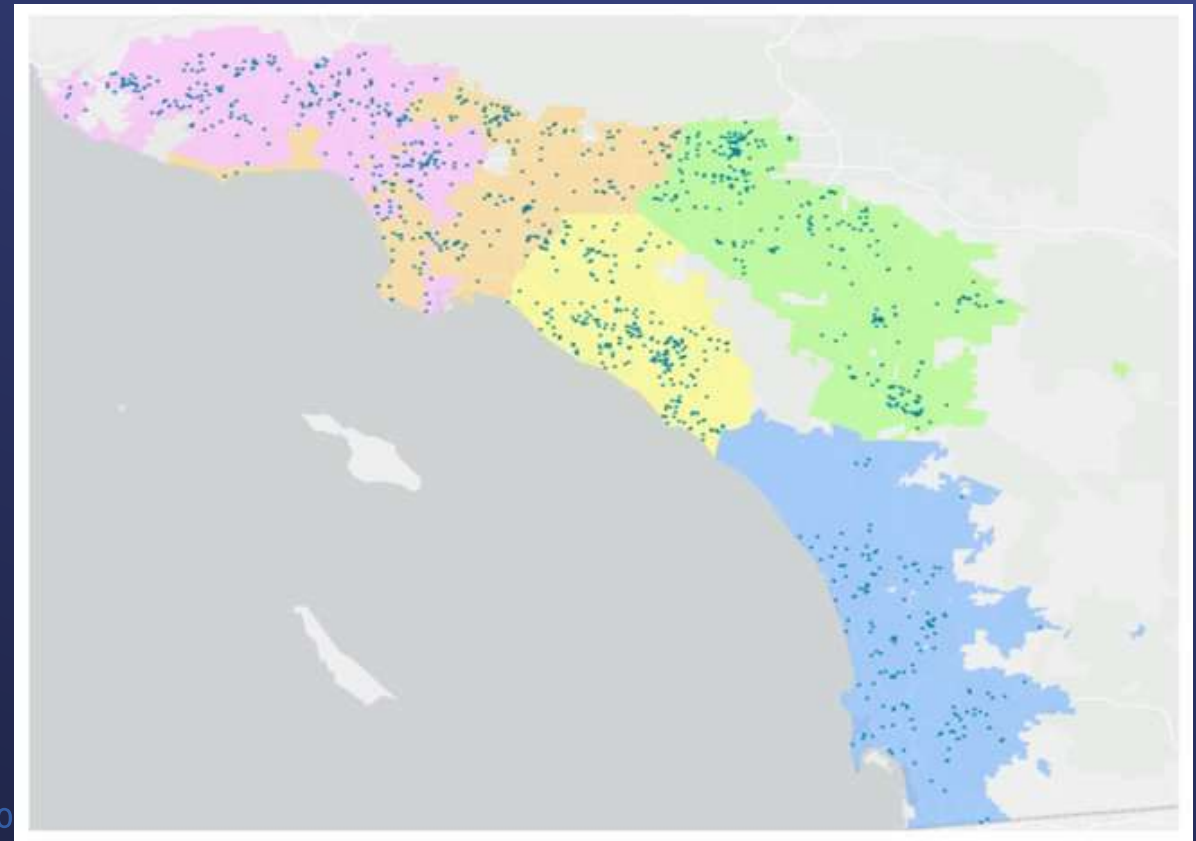


## Inspection & Verification



# Inspections verify measure installations

- Random sample of applications across all measures
- All higher value applications (greater than \$10,000)



## Indicators of Regional Effectiveness



## In Summary

- Use widely accepted, industry standards for water savings estimates & performance
- Verify through inspection program
- Consideration of indirect indicators to confirm effectiveness
  - Decreased demands (*in line with expectations*)
  - Gallons per capita per day down by ~45% since 2005

