



California Water Service

2024

Quality. Service. Value.®

Water Management Strategies

Workshop Series
Our Water Future:
Planning for Uncertainty in the Salinas Valley

Agenda

- Legislative History
 - Upcoming Framework
 - Nonfunctional Turf Ban
- Water Conservation (Outdoors)
- Water Conservation (Indoors)
- Impactful Program Options
- New Technologies



Legislative History

- Model Water Efficient Landscape Ordinance (MWELO)
 - A state regulation designed to prevent water from being wasted on irrigated landscapes
 - Created in 1993 from the 1990 Water Conservation and Landscaping Act and was updated in 2015 at the height of the drought and was later updated in 2018
- The Water Conservation Act of 2009 (Senate Bill X7-7)
 - Mandated the State achieve a 20% reduction in urban per capita water use by 2020 and required that all water suppliers increase their water use efficiency
- Current Rulemaking: Making Conservation a Way of Life
 - Born out of Assembly Bill 1668 (Friedman, 2018) and Senate Bill 606 (Hertzberg, 2018)



Assembly Bill 1572, which phases in a ban on non-functional turf irrigation

Upcoming Framework: Making Conservation a Way of Life

- A new regulatory framework proposed by State Water Board staff that establishes individualized efficiency requirements for each Urban Retail Water Supplier
 - The proposed regulation would require suppliers to annually calculate and comply with their urban water use objective

Water Agency Water Use Objective =

**INDOOR RESIDENTIAL
USE STANDARD**



**OUTDOOR RESIDENTIAL
USE STANDARD**



**COMMERCIAL, INDUSTRIAL,
AND INSTITUTIONAL
LANDSCAPE STANDARD**



**WATER LOSS
STANDARDS**



+ (Variances) + (Recycled Water Bonus)



Assembly Bill 1572

Nonfunctional Turf Ban

- Passed on October 2023
- Phases in a ban on decorative grass watering in commercial, industrial, and institutional areas permanently
- Applies to HOA properties but does not apply to individual residences
- Effective starting January 1, 2027
- Does not ban:
 - watering grass with recycled water
 - watering grass regularly used for recreation or community activities
 - watering trees or other plants



Fun Facts

Indoor

Toilets account for 27% of indoor water use



Outdoor

Up to 60% of all domestic water use occurs outside



Turf Buyback Programs Of The Past

Pros /Cons

- Measurable water use reductions
- Low incentives/minimum engagement
- “Xeriscape” –
- “Desert looking” landscapes
- No specific environmental/ecological benefits



Lawn Conversion Programs Now

Pros / Cons

- Often require a certain percentage of the area to be filled with native plants
 - Improves the aesthetic quality of the home
 - Adds to local biodiversity
 - Provides a natural habitat for pollinating species
- Slightly higher cost due to planting requirements
 - Additional costs typically offset by higher rebate amounts



Landscape Tune Up Programs

Smart Landscape Tune-Up Program



calwater.com/tuneup

- Evaluation of irrigation system
- Identification and improvement of irrigation leaks, broken equipment, and other water-saving opportunities
 - Installation of smart irrigation controllers
 - Installation of high-efficiency sprinkler nozzles
 - Repair of drip irrigation
 - Repair and replacement of irrigation valves
 - Repair and replacement of spray bodies



Free Conservation Kits

Each conservation kit contains:

- Two high-efficiency shower heads
- Two high-efficiency bathroom faucet aerators
- One high-efficiency kitchen faucet aerator
- Leak detection tablets
- One garden hose nozzle



Cal Water Conservation Rebates

Residential

- High-efficiency clothes washer
- High-efficiency toilet
- High-efficiency sprinkler nozzles
- Smart irrigation controller
- Lawn-to-garden
- Smart Landscape Tune-Up Program



SCAN ME



Cal Water Conservation Rebates

Commercial

- High-efficiency valve-type toilet
- High-efficiency tank-type toilet
- High-efficiency urinal
- High-efficiency sprinkler nozzles
- Spray body with integrated pressure regulation and check valve
- Large rotary nozzle
- Lawn-to-garden
- Smart Landscape Tune-Up Program
- Smart irrigation controller
- Customized incentive program



California

California Water Service (Cal Water) empowers our customers to conserve water by offering programs designed to reduce water use and associated energy demands, thereby promoting long-term supply reliability and environmental sustainability. We offer financial incentives to aid our customers in the retrofit of their homes and businesses, including, but not limited to: high-efficiency appliances, fixtures, and irrigation devices; drought-tolerant landscapes; and water-use monitoring applications.

This report highlights the water savings achieved by our customers state-wide over the lifetime of our programs.

CONSERVE MY
California
SAVE WATER EVERY DAY

LIFETIME SAVINGS BY CATEGORY

Conservation programs used by Cal Water customers state-wide resulted in a savings of:



Irrigation Equipment/Landscape Upgrades
759.2 MILLION GALLONS



Plumbing Fixture Replacements
94.5 MILLION GALLONS



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Fire Department Practices



Fire Departments in Cal Water service areas use millions of gallons annually for required training, academies and engine/pump testing.

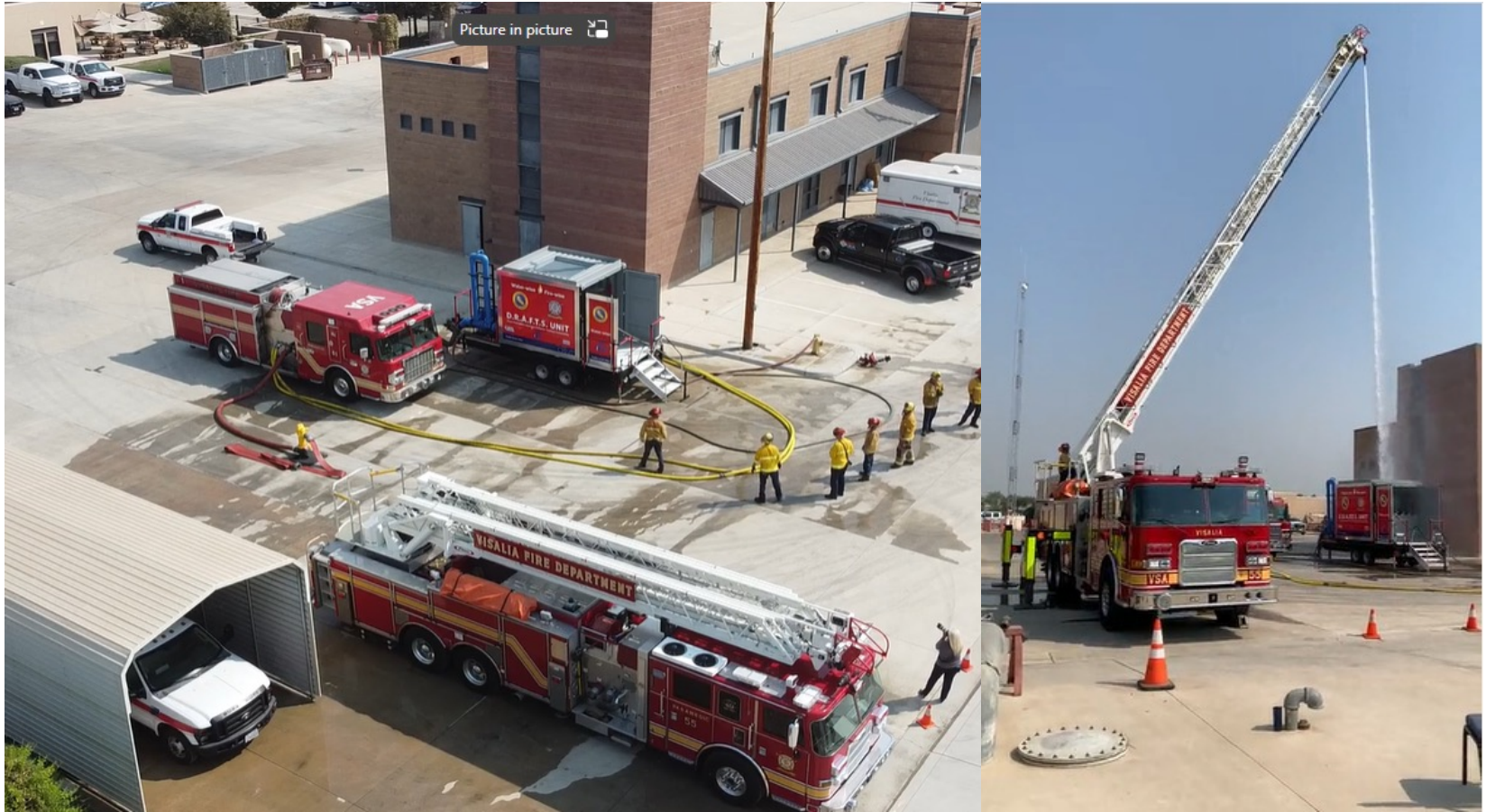


D.R.A.F.T.S. Units



“Direct Recirculation Apparatus Firefighter Training & Sustainability Unit”

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Questions?



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