



H₂O
for
HOAs

Water Saving Strategies for Maximizing Benefits and Controlling Costs

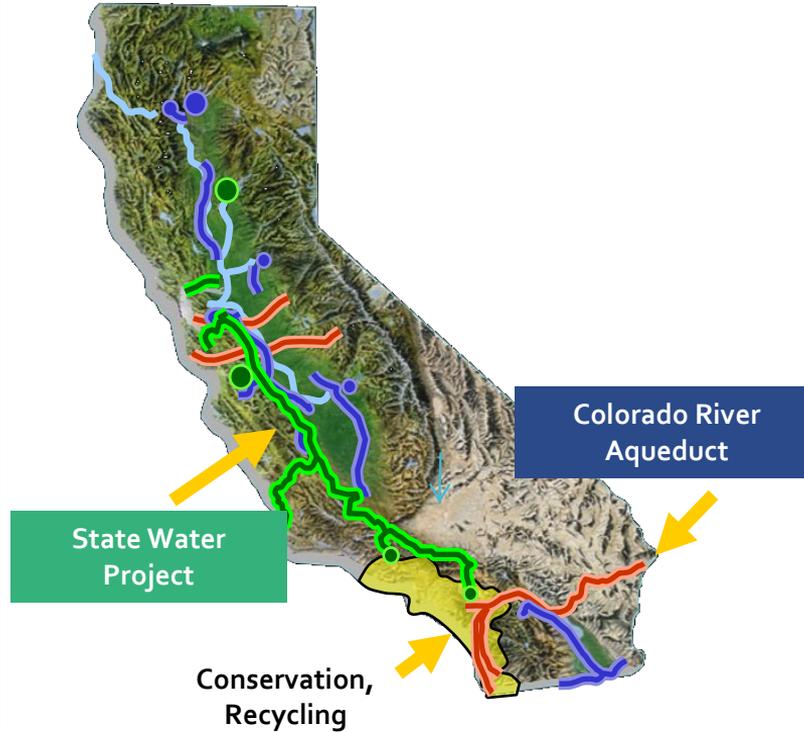
Presented by:
Justin Finch

Water Efficiency Manager
Moulton Niguel Water District

Presented on behalf of the following water providers:
City of San Clemente, El Toro Water District, Irvine Ranch Water District,
Laguna Beach County Water District, Moulton Niguel Water District,
Santa Margarita Water District, South Coast Water District,
Trabuco Canyon Water District, and Municipal Water District of Orange County.

Water Supplies for South Orange County

- Imported Water
- Local Water
- Recycled Water
- Local Reliability Projects



Benefits of Water Efficiency

- Save water, energy, and money
- Saves Us Money, Saves YOU Money
- Keep water rates low
- Reduce runoff & avoid property damage
- Improve quality of local creeks and beaches
- Delay investment in infrastructure and storage



Water Use Efficiency Top Strategies

1. Create an Action Plan
2. Smart Irrigation Technology Practices
3. Non-Functional Turf



Create an Action Plan

Challenges

- Our landscapes are big!
- Projects can be overwhelming!



We can help!

• Surveys & Rebates

We can meet with your HOA and landscaper, and help you with your plan!

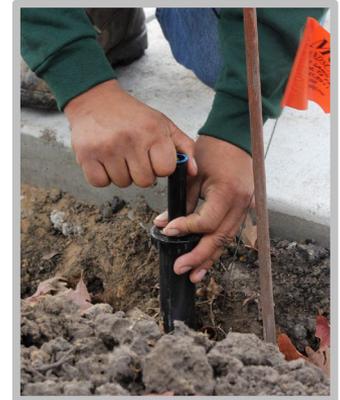
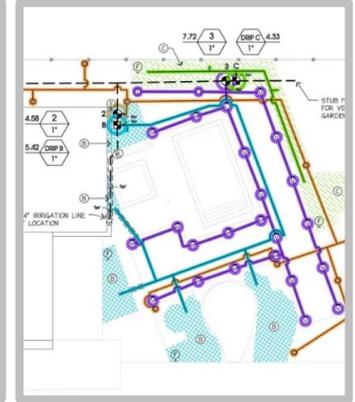
- Identify improvement opportunities
- Provide guidance for creating an improvement roadmap
- Discuss your return on investments.



Smart Irrigation Technology Practices

All four of these practices must occur:

1. **Good tech:** equipment with features that support efficiency
2. **Good design:** equipment is designed by a Certified Irrigation Designer or Landscape Architect
3. **Correct installation:** per the design, and per best practices
4. **Proactive maintenance:** regular inspection and repair of equipment to minimize leaks and plant loss



Non-Functional Turf

AB 1572 (2023).

This bill prohibits using potable water to irrigate nonfunctional turf located on commercial, industrial, and institutional properties, and on properties of homeowners' associations.

Property Type	Compliance Date	Certification* Date
Local agency	Jan 1 2027	June 30 2030
Commercial, Industrial, Institutional	Jan 1 2028	June 30 2030
Homeowner Associations	Jan 1 2029	June 30 2031

Non-Functional Turf

“Functional turf”



“Nonfunctional turf”



Non- Functional Turf

What's our role? What do we recommend?

- Guidance and Resources
- Start with a map to identify all the turfgrass areas at your Association.
 - Then, you decide if each area is functional or nonfunctional.
- Turf Removal!
 - Turf Removal funding is available!
 - Consider your budget! Use your water savings from turf removal to fund future upgrades.
 - Consider multi-benefits... like extended asphalt life due to reduced sprinkler overspray.
- Document your efforts. Share with your community.
 - In OC, since 2011... **707** HOA projects rebated, replacing **14.4** million sq ft of nonfunctional turf!

Turf Removal: Serrano Park HOA in Lake Forest

Community Park
Storm Water Retention
Before!



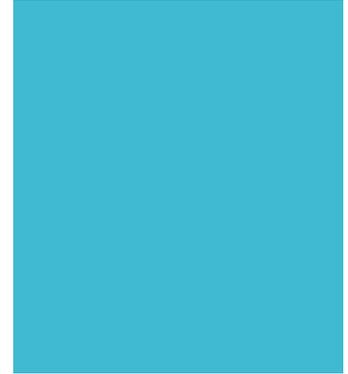
Turf Removal: Serrano Park HOA in Lake Forest

Mariposa Park
After!



Turf Removal: Colony Club HOA in Irvine

- Community buy-in
- Pilot area - Transform to CA native garden
- Berm used for sustainability feature
- December 2022



Turf Removal: Colony Club HOA in Irvine

Plant establishment

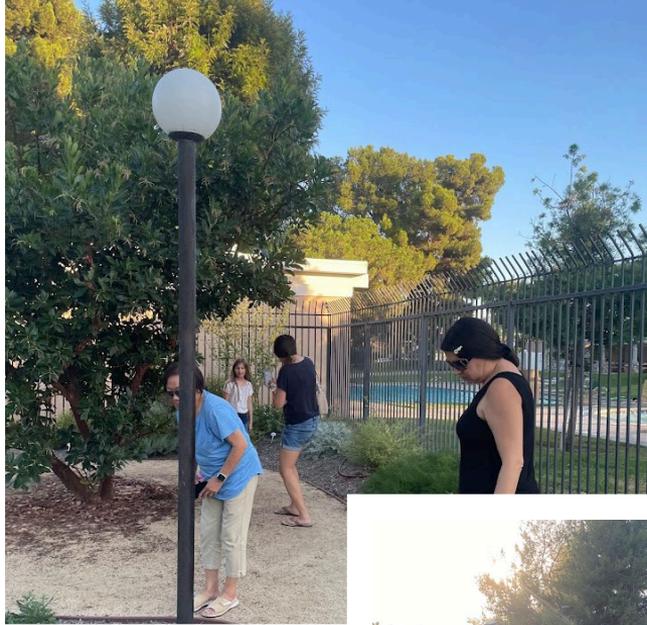
Temporary fencing

One Year Later!



Turf Removal: Colony Club HOA in Irvine

Community engagement
More workshops to come!



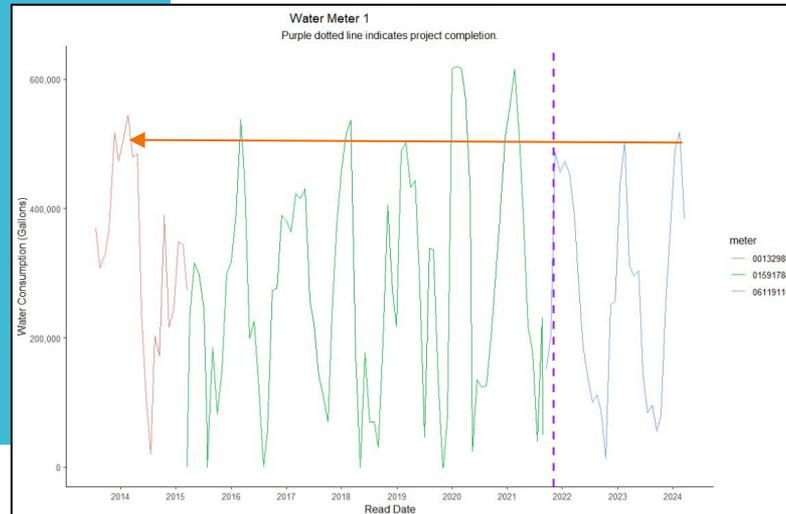
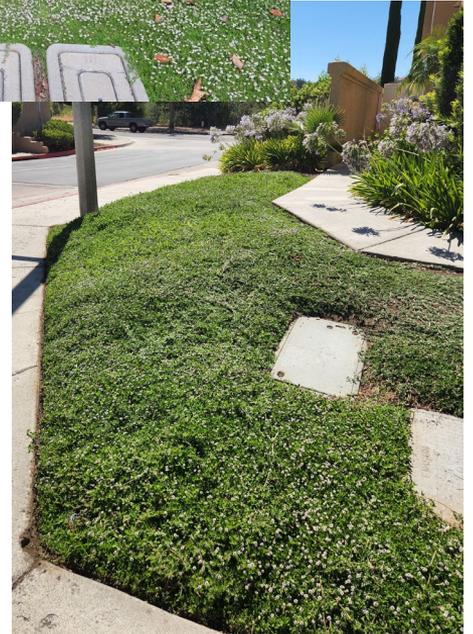
Turf Removal: Rancho Santa Margarita HOA

Common Areas and
Driveway Strips

- Transform 1-Acre of Turf
Grass
- Upgrade to HE Nozzles
- Reduce Summer Peak
Watering

Project Challenges

- ➡ High Visibility
- ➡ Cost vs. Rebate



Spray to Drip: Rancho San Juan HOA

Entry Parkway Strips

- Transformed over 1-Acre of Spray Areas
- Rejuvenated Landscape
- Upgrade to Drip Irrigation

- × Multi-functional Solution:
- × ➡ Reduced Runoff
- × ➡ Protect Asphalt Paving
- × ➡ Water Savings
- × ➡ Less Pest Pressure



Professional Landscaper Training



- ➡ Become a CLCA Certified Water Manager (CWM)
- ➡ Become a Qualified Water Efficient Landscaper (QWEL)
- ➡ Increase Your Individual and Company Marketability

Topics cover:

- Landscape Water
- Irrigation Maintenance & Trouble Shooting
- Irrigation System Auditing
- Irrigation Scheduling
- Irrigation Controllers
- Landscape Water Management
- Landscape Water Budgeting

Fountain Valley
October 15, 22, 29

Sponsored by:



Professional Landscape Training

WATERSHED
WISE



LANDSCAPE
PROFESSIONAL

Topics cover:

- Conducting landscape water audits
- Water budgeting
- Building soil water holding capacity
- Size and site a rain capture areas
- Calculate irrigation run times
- Efficient landscaping techniques

Downey
November 6-7

➡ **SIGN UP NOW TO ATTEND!**

GreenGardensGroup.com

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