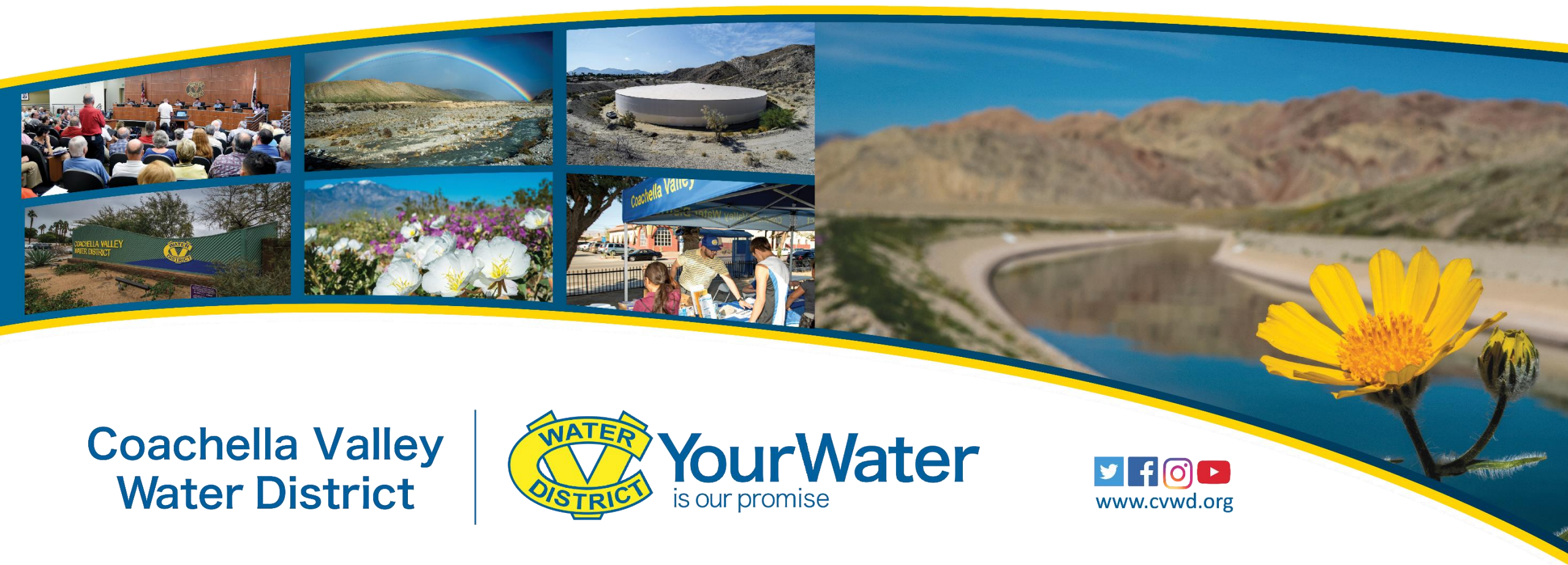


Drought Restrictions

Presented by Lisa Francis and Dan Martin

August 2022



Coachella Valley
Water District



YourWater
is our promise


www.cvwd.org

CVWD: Established in 1918

Fields of Service

- Domestic Water
- Groundwater Replenishment/Imported Water
- Agricultural Irrigation/Drainage
- Stormwater Protection & Flood Control
- Wastewater Treatment
- Recycled/Non-Potable Water
- Conservation

Service Area

- 1,000 square miles
- 3 counties
 - portions of Riverside, San Diego, & Imperial Counties
- From San Geronio Pass to the Salton Sea
- 110K + connections



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Demand Reduction Actions

Earlier this year, the State Water Resources Control Board adopted emergency regulations requiring CVWD to enforce all demand reduction actions under Level 2 of the District's *Water Shortage Contingency Plan*

Currently in Effect:

- No spray irrigation during daylight hours
- Restaurants can only serve water upon request
- Overseeding discouraged
- Increased water waste patrols
- Prohibition of the use of potable water for irrigation of non-functional turf for commercial, industrial, & institutional customers, including HOAs



Definition of Non-Functional Turf

“A ground cover surface of mowed grass that is solely ornamental and not otherwise used for human recreation purposes. Non-functional turf does not include school fields, sports fields and areas regularly used for civic or community events.”

https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/regs/docs/hoa-letter.pdf



Who is affected?

- Effective June 10, 2022, all **commercial, industrial, & institutional customers (“CII”)**, including HOAs, who receive potable water through the domestic water system
- The NFT ban will remain in effect for one year, unless SWRCB modifies, readopts, or rescinds the ban before that time



Exceptions to NFT Ban

Prohibition of non-functional turf does not apply to:

- Residential properties, including those within HOAs
- Non-functional turf that is irrigated by private wells, recycled water, or canal water
- Turf regularly used for human recreational purposes
- Trees and other non-turf plantings irrigated within non-functional turf areas
- Turf species with a plant factor of ≤ 0.3 AND irrigated in a manner that uses low levels of water (<40% of reference evapotranspiration)



HOAs, HOA Residents, and NFT

- **Individual homeowners' property** is considered residential, therefore it *is not* subject to the NFT ban
- **Property owned by the HOA** falls under the definition of CII, therefore it *is* subject to the NFT ban, *except* where turf is regularly used for recreation and community activities



Who decides if HOA turf is functional?

- **HOAs determine whether turf areas it maintains are functional**
 - Community manager, board, residents, and landscape staff work together
- **The designation of turf as functional should not be arbitrary**
 - Distinguishable by signage or postings in place *before* the regulation was implemented; may be referenced in governing documents



Contact Water Management for a site assessment



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Enforcement of NFT Ban

CVWD is authorized to enforce by way of:



- Issuing warning letters or conservation orders



- Imposing fines for noncompliance, up to \$500/day

Drought Penalties

Effective in August 2022 (reflected on September billing):

a 10% conservation target applies to all CVWD customers' outdoor budgets

	Tier 1	Tier 2 Up to 90%	Tier 2 Above 90%	Tier 3	Tier 4	Tier 5
Standard Rate per CCF	\$0.94	\$1.17	\$1.17	\$3.59	\$4.21	\$6.44
Drought Penalty per CCF			+ \$0.29	+ \$1.80	+ \$3.16	+ \$6.44
Total Cost per CCF	\$0.94	\$1.17	\$1.46	\$5.39	\$7.37	\$12.88

1 CCF = 748 gallons



Permanent Restrictions: Water Waste



Applies to ALL CVWD customers, regardless of irrigation water source



Water Waste Violations

Violations can be reported to either:

- CVWD at www.cvwd.org/waterwaste, or
 - SWRCB at www.SaveWater.CA.gov
-
- 1st Offense: Written Warning
 - 2nd Offense: \$50 fine (on bill)
 - 3rd Offense: \$100
 - 4th Offense: \$200
 - 5th Offense: \$500
 - 6th Offense: \$1,000
 - 7th and Subsequent Offenses: \$2,000



Water-Saving Changes HOAs & Residents can make right away

- Set irrigation controllers to use 15% less water on grass
- Install a smart irrigation controller (*refer to CVWD's Conservation Programs!*)
- Irrigate at night to minimize water loss to evaporation
- Install water-efficient landscaping to save about 55 gallons of water per square foot per year (*CVWD has a rebate for that!*)
- Continue watering plants and trees, but **skip overseeding this fall**



Common Irrigation Issues

Mixed-Use Valves

- Mixed water use plants
- Mixed irrigation types



Nozzles

- Spray vs rotary
- Pressure regulators
- Spacing
- Tilted heads
- Precipitation Rates



Overseeding

- Actively discouraged under Level 2
- Air quality issues avoided by not scalping
- Cost savings
- Maintenance/time savings
- Target only truly necessary areas



Clogged emitters & spray heads



Solutions: Conservation Programs & Rebates

Programs

- Simplified Audits
- Conservation Reviews
- Landscape Workshops
- Conservation Kits
- CII Audits (under development)

Indoor Rebates

- HE Toilets
- HE Washing Machine
- Hot Water Recirculating Pump
- Commercial Pre-Rinse Nozzles



Outdoor Rebates

- Turf Conversion (**\$3/sq. ft.**)
- Sprinkler Nozzle Upgrade
- Smart Irrigation Controller Install or Rebate
- Irrigation Upgrade (HOA/Commercial)
- Water Brooms (HOA/Commercial)

Additional Resources

SWRCB Emergency Regulation Fact Sheet

https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/regs/doc/emergency-reg-faq-june-22.pdf

State Resolution 2022-0018

https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2022/rs2022_0018.pdf

State Emergency Regulation Text

https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/regs/docs/2022-0606-03E-approval.pdf



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