



Conservation in the Coachella Valley

Water **COUNTS** Academy
February 16, 2023

Overview

- Background
- Current water restrictions
- New laws
- Collaborative efforts
- Water use in our valley
- What agencies do
- What can you do?





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Background

May 9, 2016, Governor Brown Executive Order

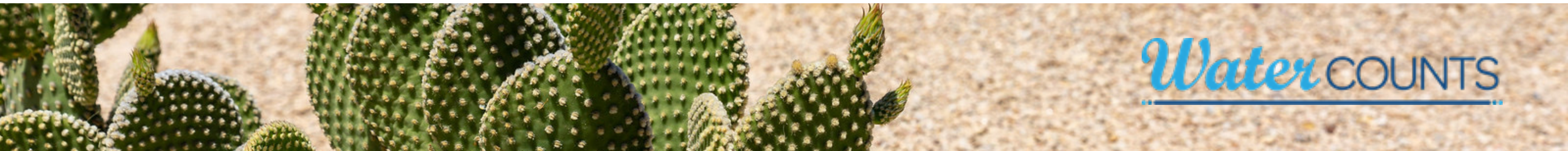
“Making Conservation A California Way of Life”

1. Use Water More Wisely
2. Eliminate Water Waste
3. Strengthen Local Drought Resilience
4. Improve Agricultural Water Use Efficiency and Drought Planning



2018 Permanent Water Use Restrictions

- No irrigation during or within 48 hours after measurable rainfall.
- Broken sprinklers must be repaired within 24 hours of notification.
- Applying water to outdoor landscapes in a manner that causes runoff to adjacent property, roadways, parking lots, etc. is prohibited.
- Eating establishments may only serve drinking water upon request.
- Hotels and motels must provide guests with the option of choosing not to have towels and linens laundered daily.



2018 Permanent Water Use Restrictions

- Using a hose to wash an automobile, windows, solar panels, and tennis courts, except where the hose is equipped with a shut-off nozzle, is prohibited.
- Applying any water to any hard surface including, but not limited to, driveways, sidewalks, and asphalt is prohibited.
- Homeowners' associations or community service organizations cannot block, stifle, or threaten homeowners from reducing or eliminating the watering of vegetation or lawns during a declared drought emergency.



2018 Water Use Efficiency Legislation

- Drought Risk Assessment
- Water Shortage Contingency Plan
- Annual Water Supply and Demand assessment
- Agencies get a target/budget to meet
 - Budget includes:
 - Outdoor residential (flyover images)
 - Indoor residential (55 gpcd by 2023 > 47 gpcd in 2025 > 42 gpcd in 2030)
 - Commercial, industrial, institutional dedicated landscape meters
 - Water loss
 - Variance (seasonality)

2022 Executive Order

- All government agencies supplying water were asked to implement Level 2 of their Water Shortage Contingency Plans in order to achieve a 15% reduction in water use compared to 2020.
- Some of the rules in the Coachella Valley include prohibitions on daytime watering, enhanced outreach, and discouraging overseeding.
- Commercial businesses and HOAs should not be watering solely decorative grass.



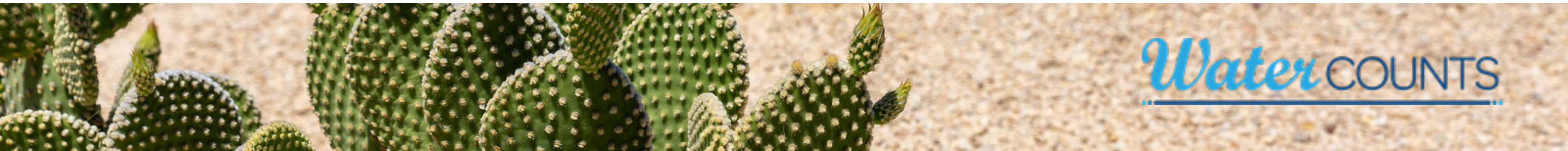
Collaborative Efforts

- Received Funding Under Prop 84, Prop 1 Grant for Regional Conservation
- Applied for more state funding for Regional Conservation Study
- Urban Water Management Plan (5 years)
 - Submitted July 2021, due July 2026
- Sustainable Groundwater Management Plans (5 years)
 - Submitted Jan 2022, due January 2027

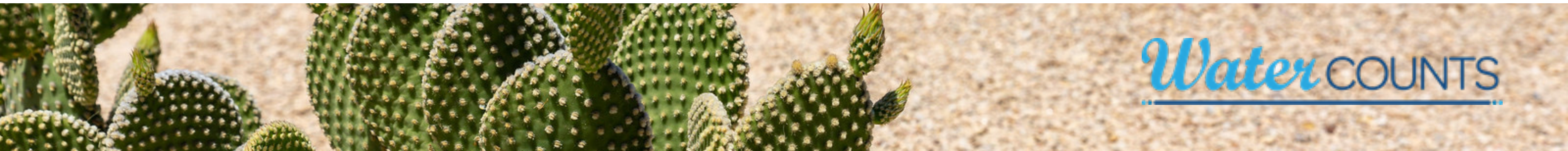


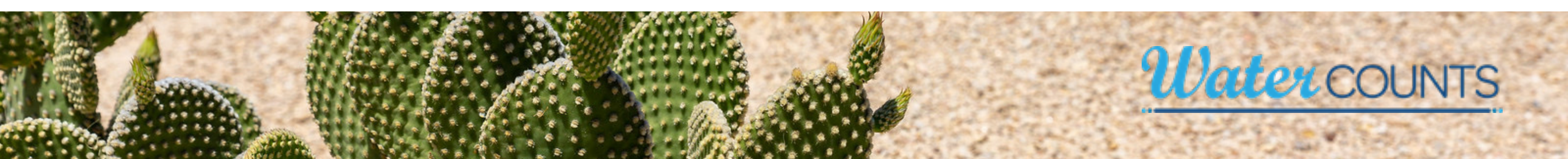
Collaborative Efforts

- Outreach
 - Education
 - School Presentations
 - Tours
- Community Engagement
 - HOA Presentations
 - Tours (Virtual)
 - CV Water Counts Campaign (Splash)
 - Agency Mailers
 - Marketing/Advertising
- Enforcement
 - Written Warnings
 - Citations
 - Fines
 - Surcharges/Penalties (during drought)



Where is most of the
water in the valley used?

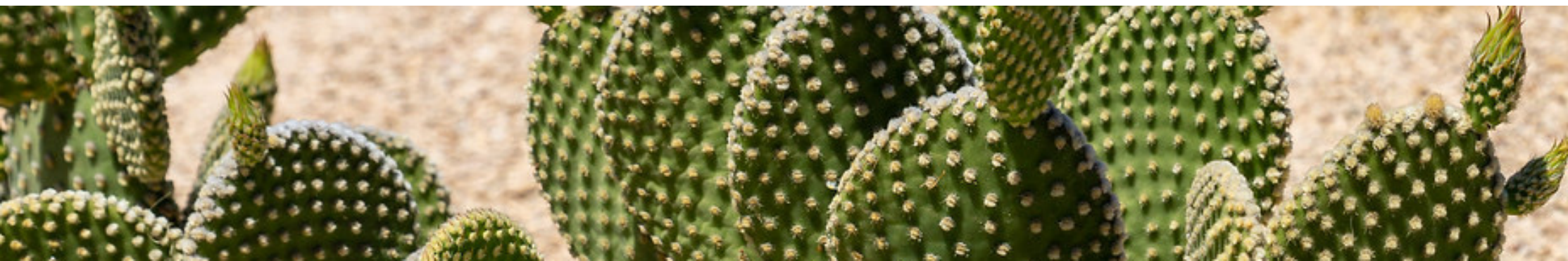




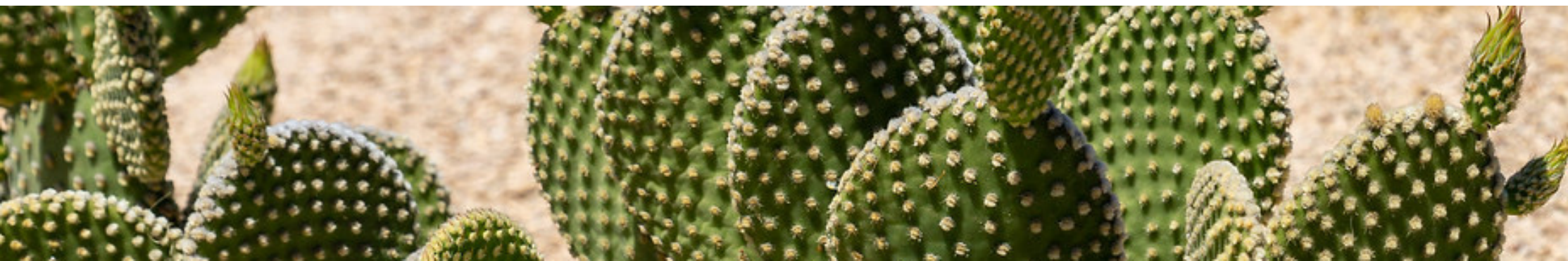
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Where does the supply come from?





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What we do

Programs

- Water Counts Academy & CVWC
- Support code changes/improvements
- Customer communication/resources
- Advanced metering and/or use alerts
- Water use consults
- Water loss audits
- Water waste enforcement



What you can do

Indoor:

- Replace inefficient fixtures with efficient fixtures
 - Shower heads, faucets
 - Toilets
 - Washing machines



Outdoor:

- Get to know your plants
- Periodically check your irrigation system
- Install a weather-based irrigation controller
- Use a shut off nozzle
- Replace grass with water efficient landscape
- See something, say something!

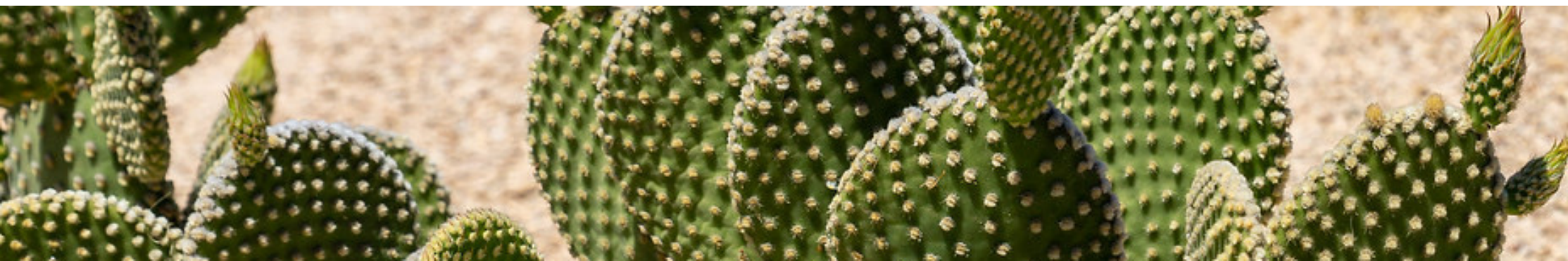


Incentives

- Grass removal
- Irrigation upgrade
- Smart controller install or rebates
- High-efficiency toilets
- High-efficiency washing machine
- Hot Water recirculation pump rebate
- Conservation kits

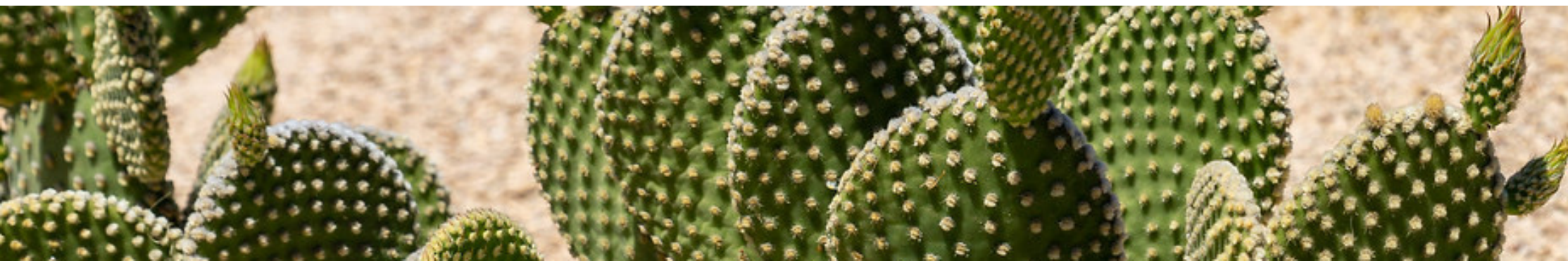
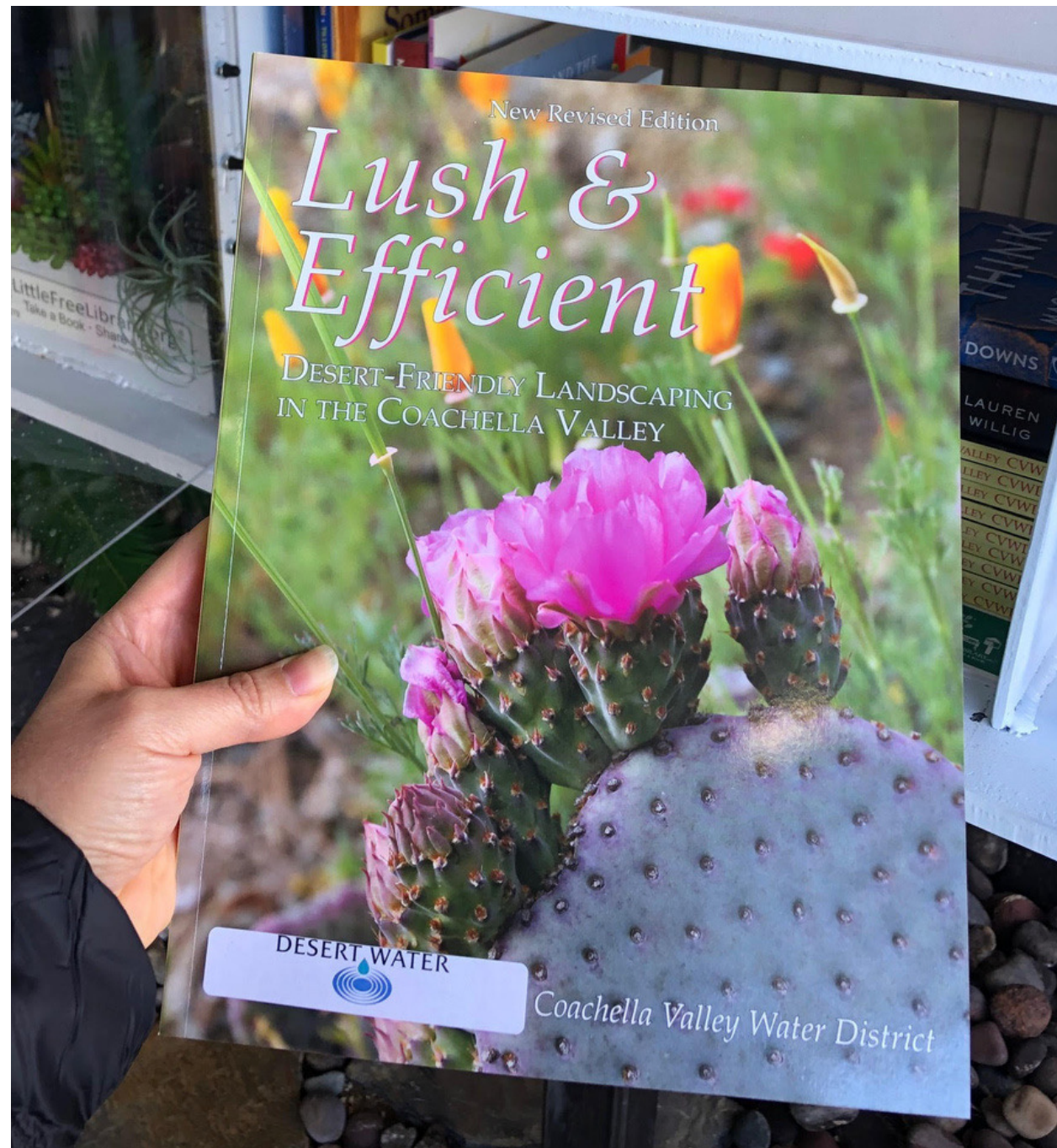


www.CVWaterCounts.com



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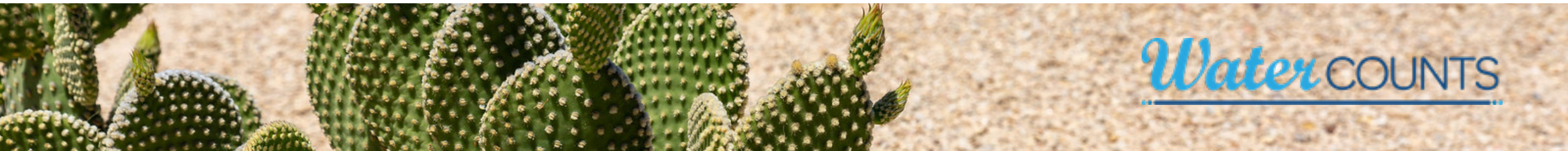
Lush & Efficient



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