

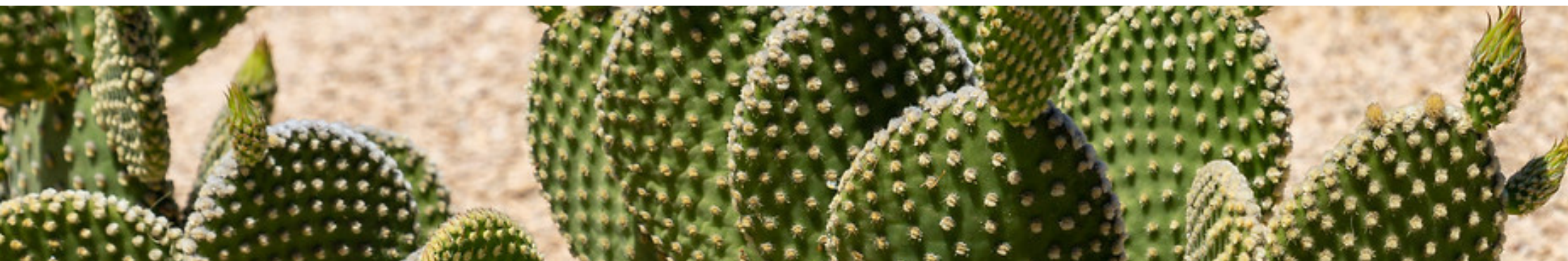


Conservation in the Coachella Valley

Water COUNTS Academy
February 24, 2022

Overview

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





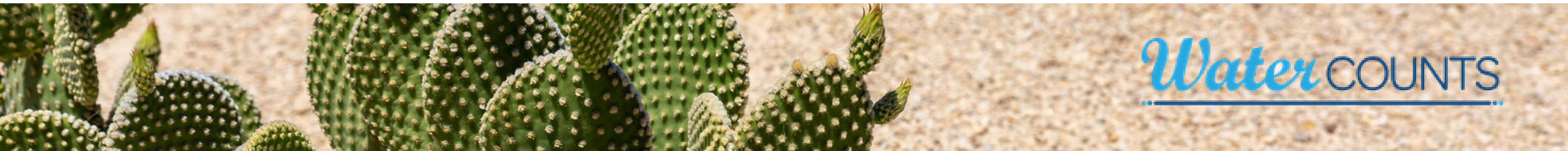
Water COUNTS

Average household



~1.2 AFY in
Palm Springs
area

~.75 AFY for
newly built
homes

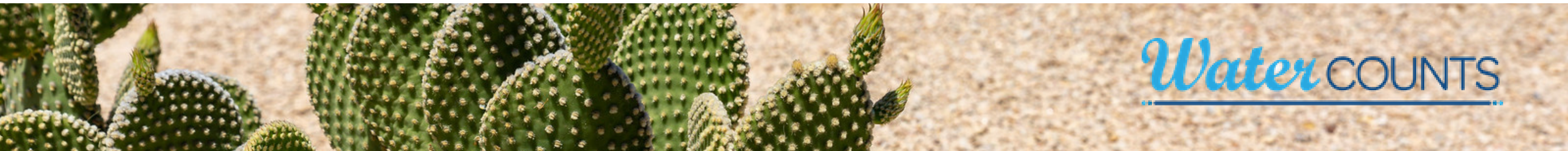


Background

May 9, 2016, Governor Brown Executive Order

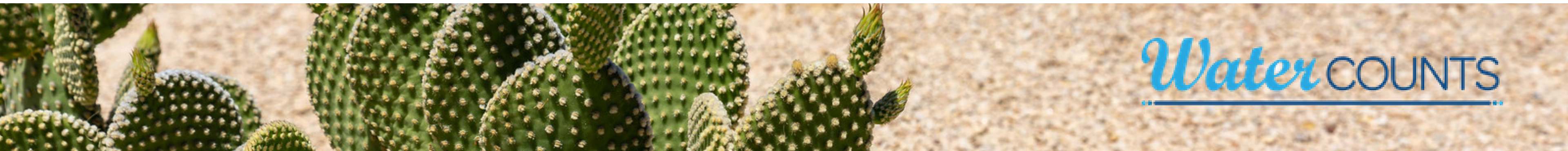
“Making Conservation A California Way of Life”

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



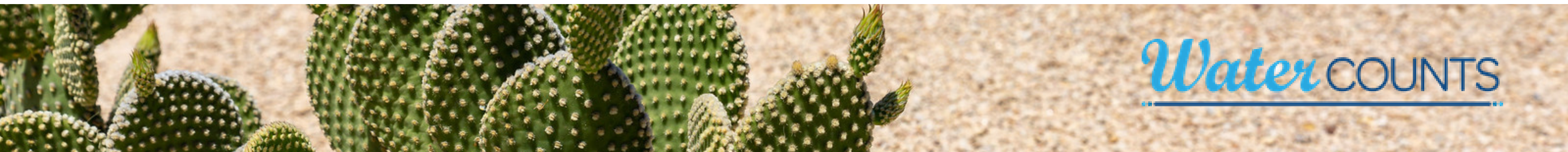
2018 Permanent Water Use Restrictions

- 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.

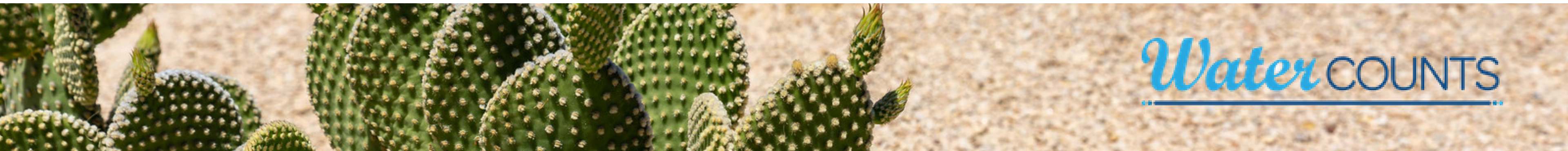


2018 Water Use Efficiency Legislation

- Drought Risk Assessment
- Water Shortage Contingency Plan
- Annual Water Supply and Demand assessment - starts this summer
- Agencies get a target/budget this summer
 - 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)

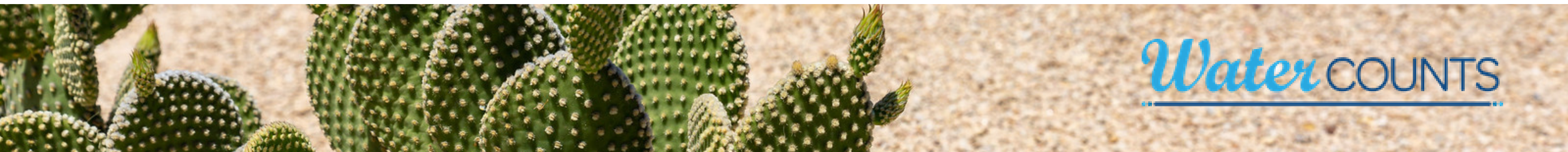
Collaborative Efforts

- Received Funding Under Prop 84, Prop 1 Grant for Regional Conservation
- Just 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



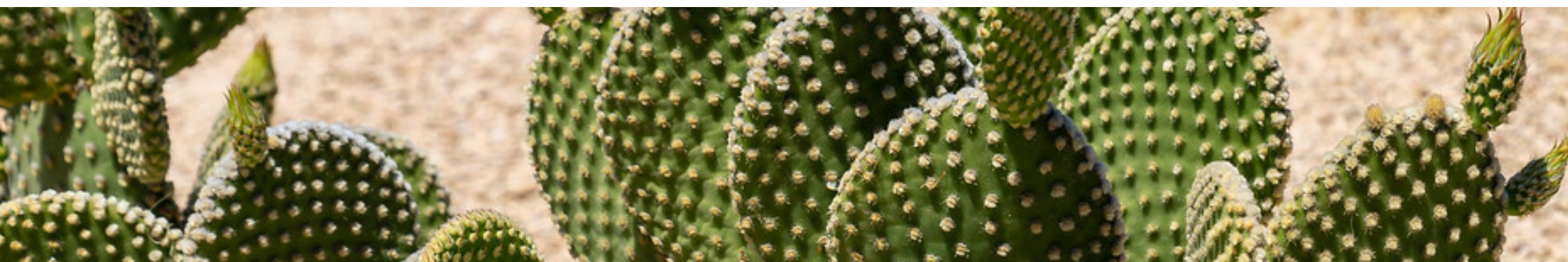
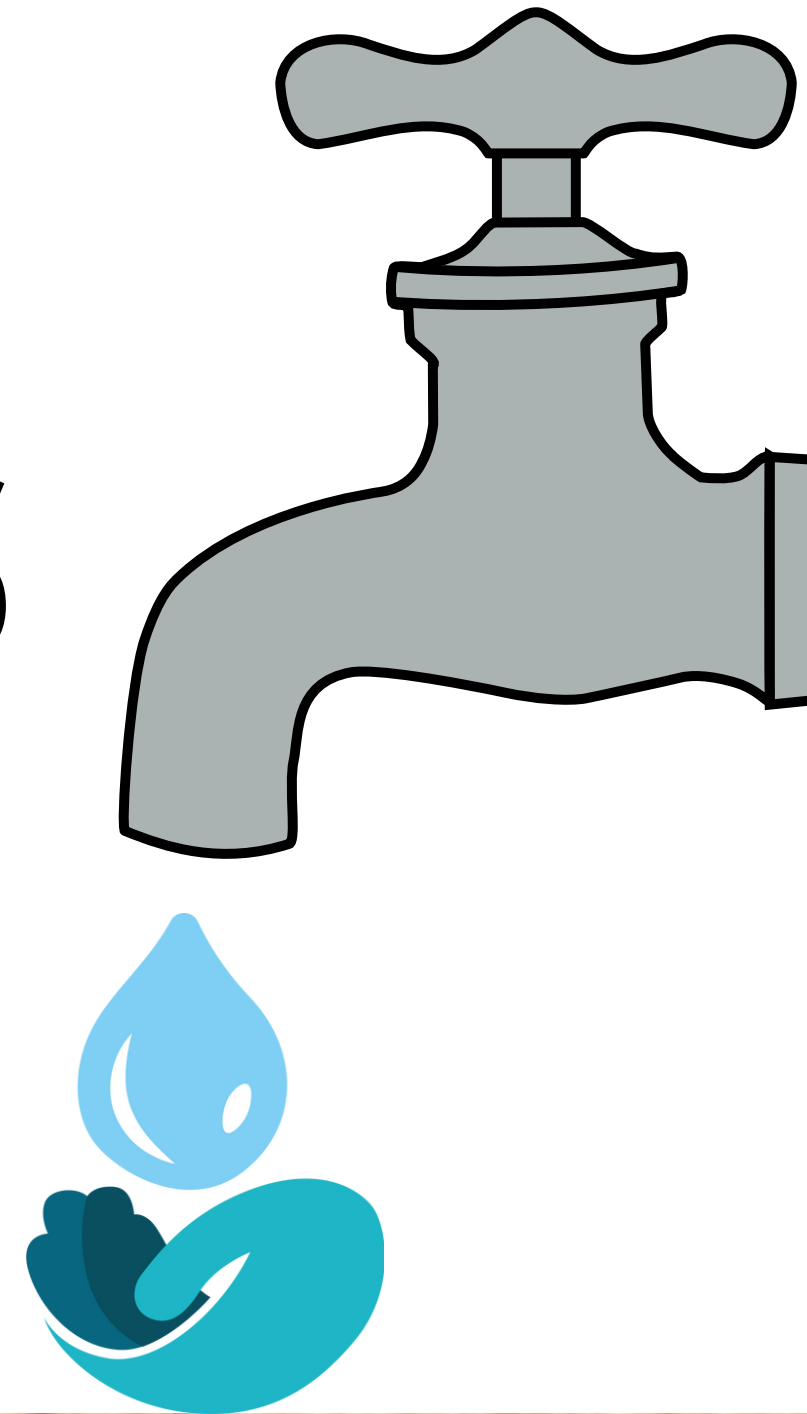
Collaborative Efforts

- 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)



All Together!

**65 Billion Gallons
saved since 2013**



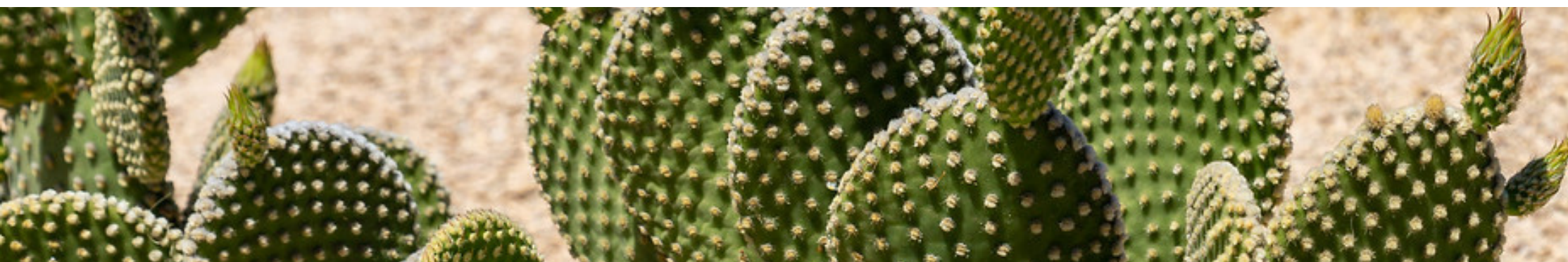
Water COUNTS

All Together!

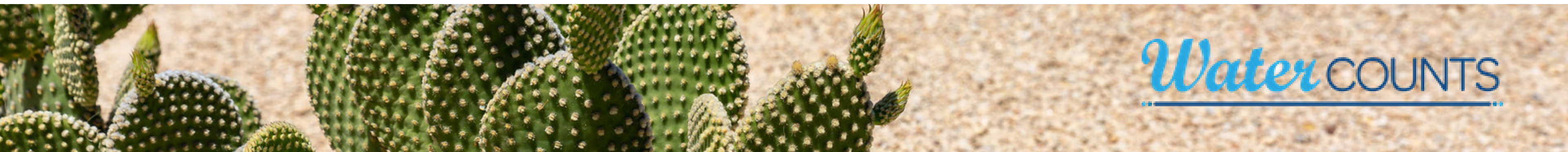


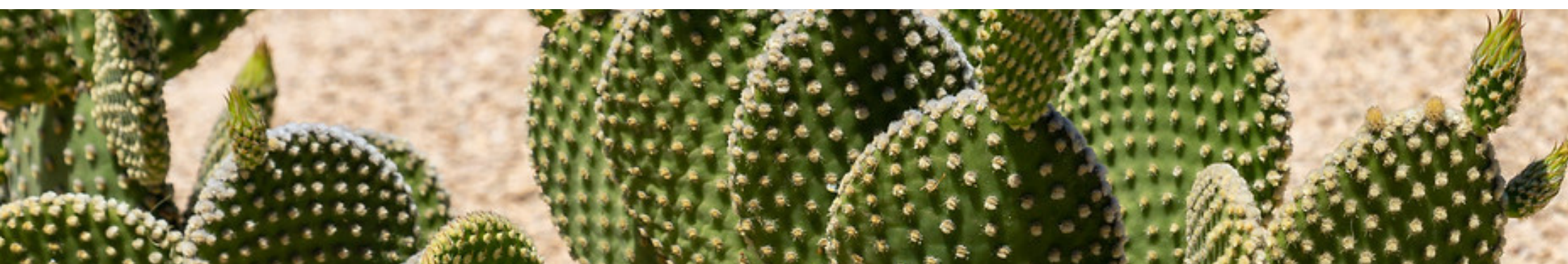
1.3 billion bathtubs! (2,600
baths per person)

520 billion pints!



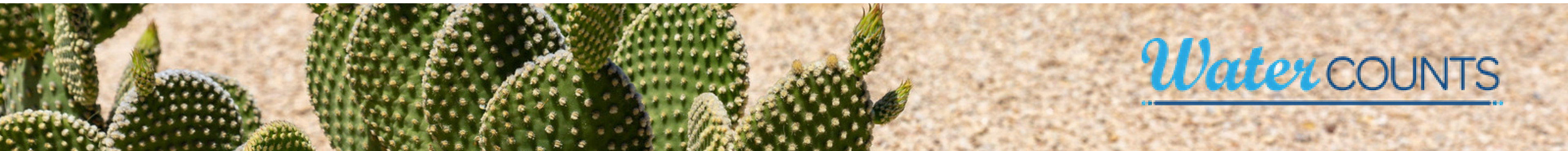
Where is most of the
water in the valley used?

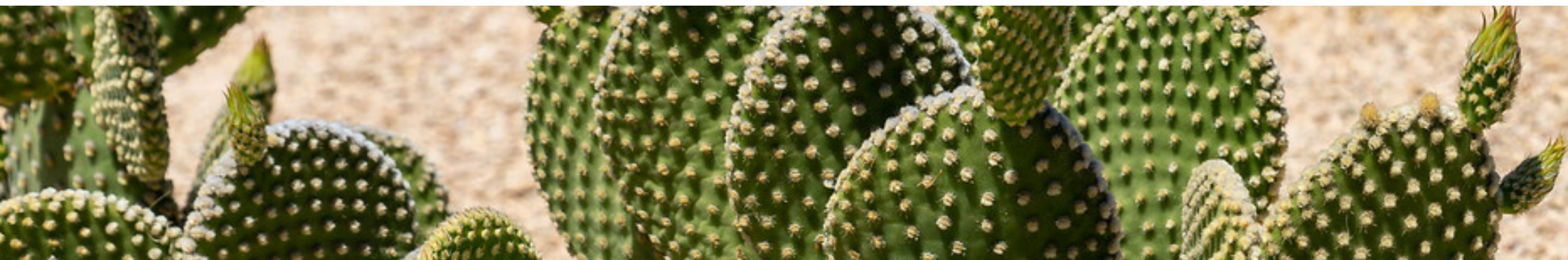




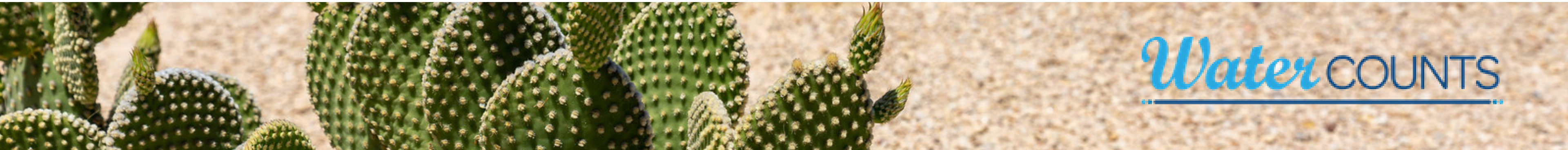
Water COUNTS

Where does the supply come from?





Water COUNTS



Water COUNTS

What Can You Do?

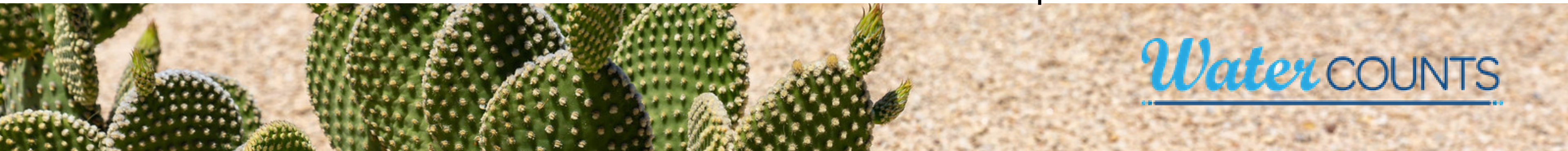
Indoor:

- Replace inefficient fixtures with efficient fixtures
 - Shower heads
 - Faucet aerators
 - Toilets



Outdoor:

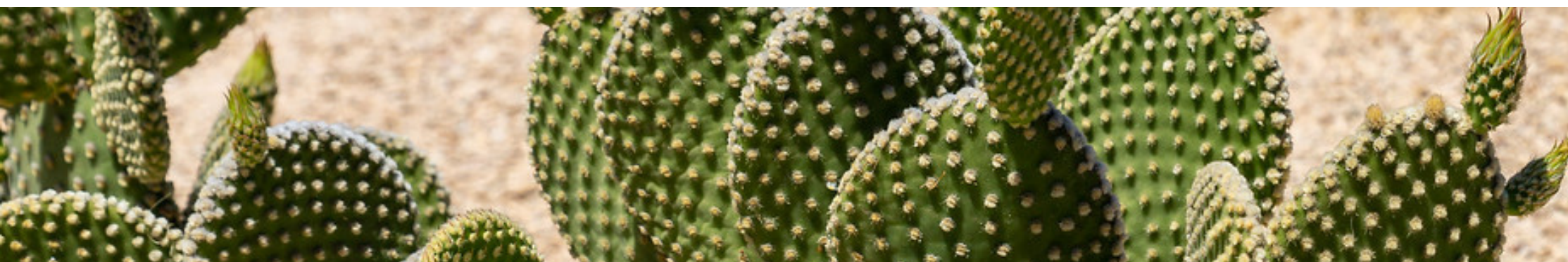
- Get to know your plants
- Periodically check your irrigation system
- Install a Weather Based Irrigation Controller
- Use a shut off nozzle
- Replace non functional lawn with water efficient landscape



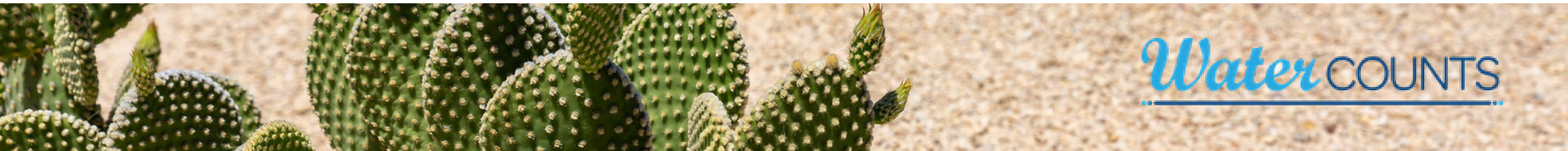
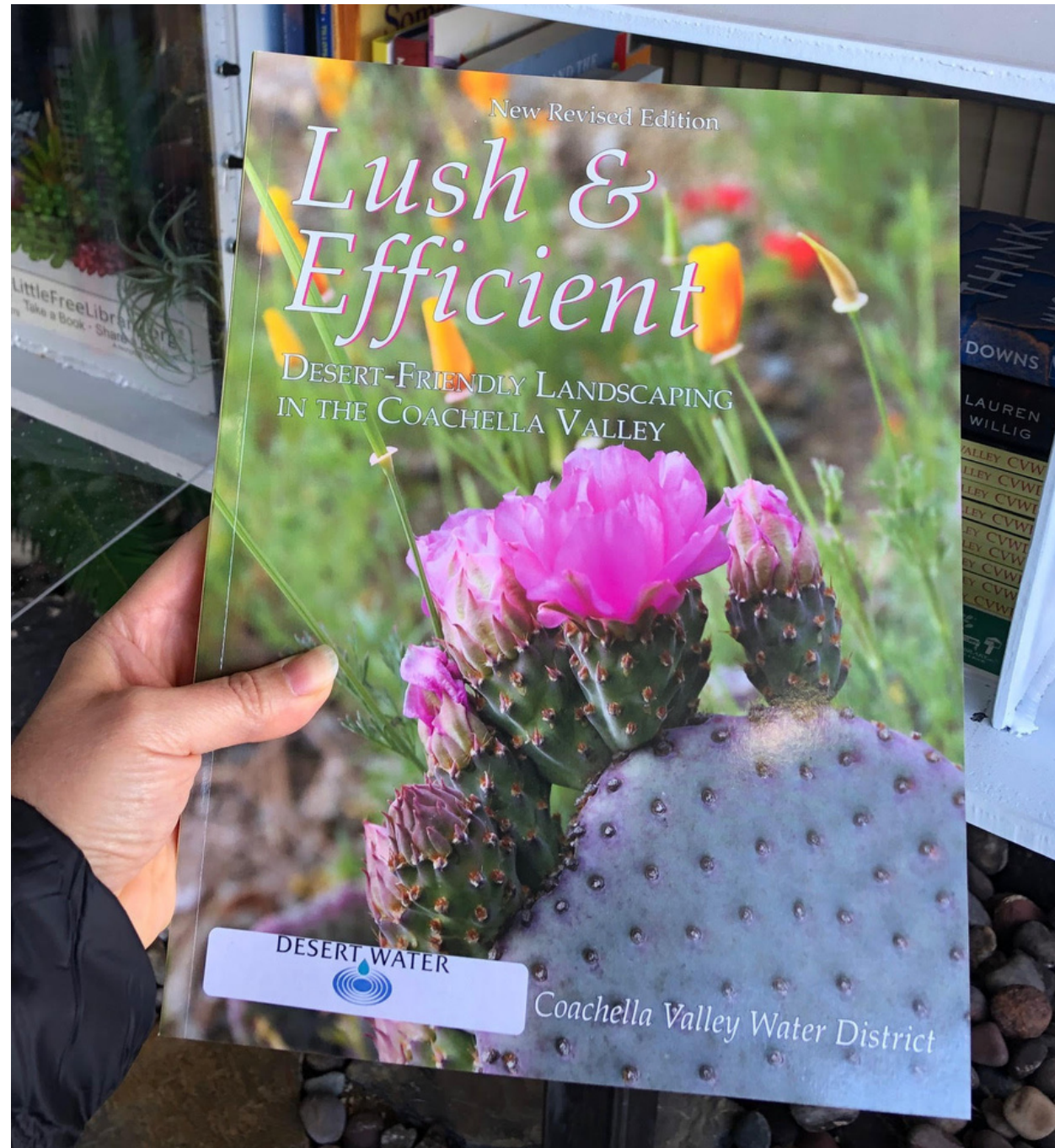
Resources

Incentives

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



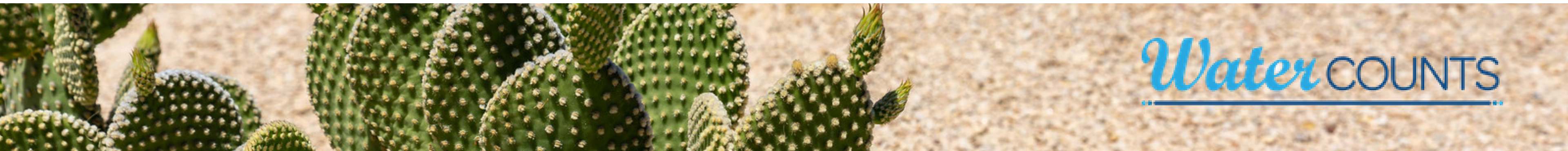
Lush & Efficient



Water COUNTS



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