

# Recycled Water, Desalination, Stormwater Discussion: California's Water Supply Strategy



Division of Water Quality, October 2022

# Actions to protect community water supplies



Develop new water through recycling and desalination



Capture and save more stormwater, above ground and below ground



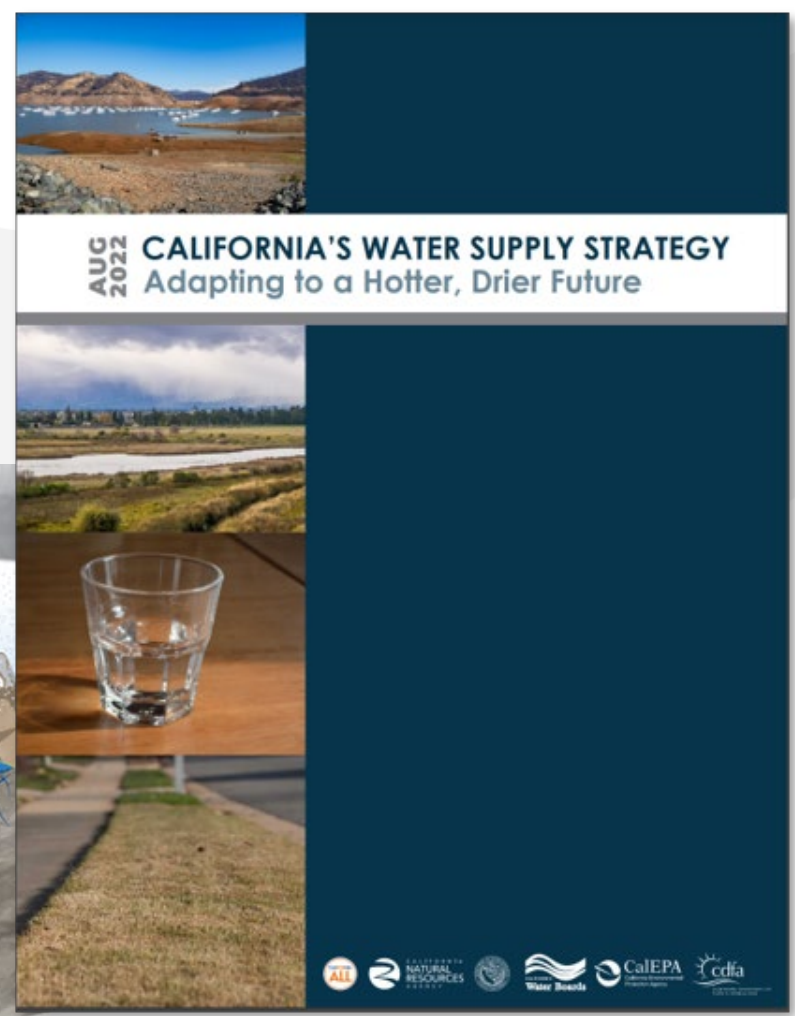
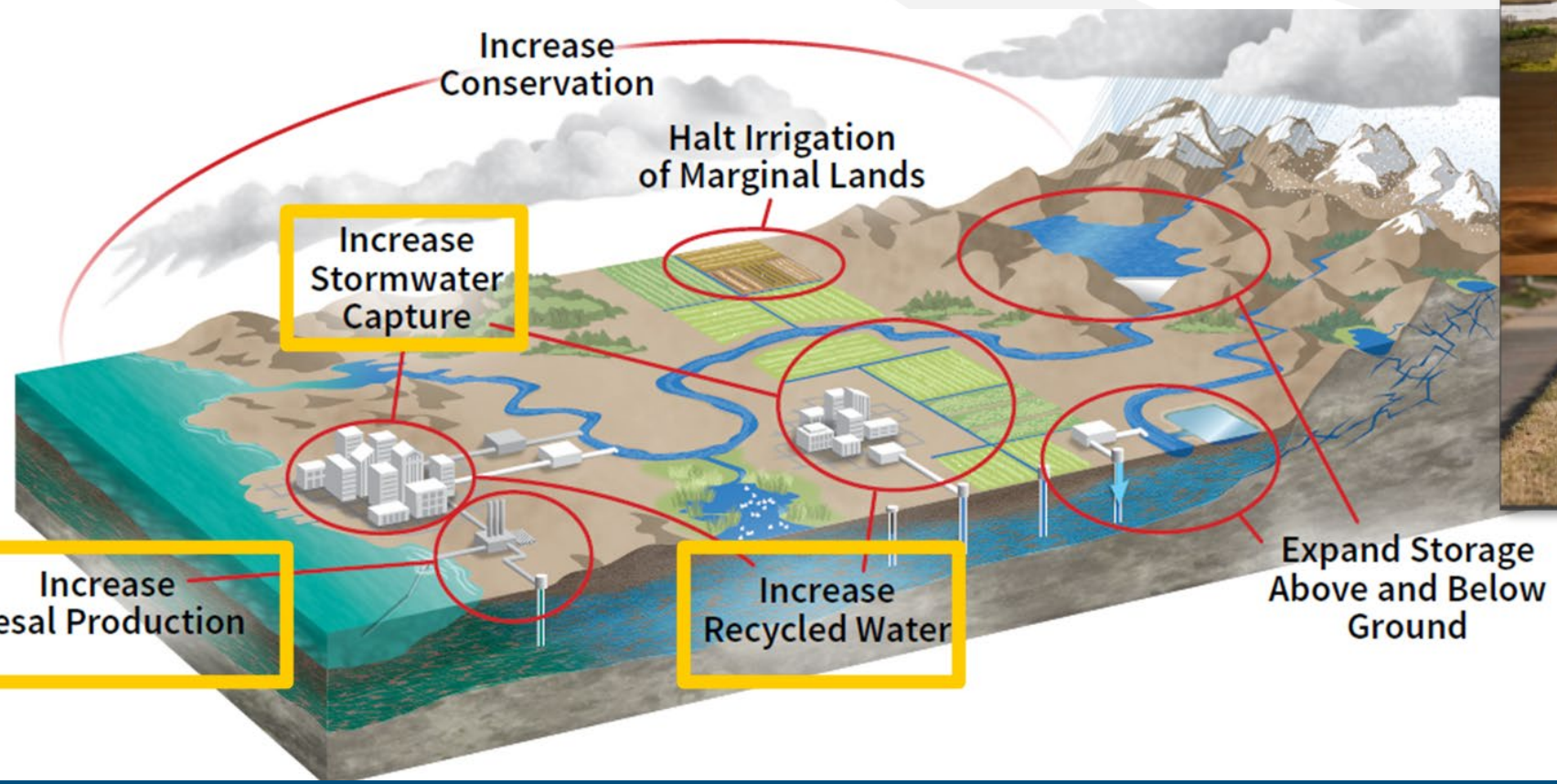
Reduce use of water in cities and farms



Improve all water management actions with better data, forecasting, conveyance, and administration of water rights.

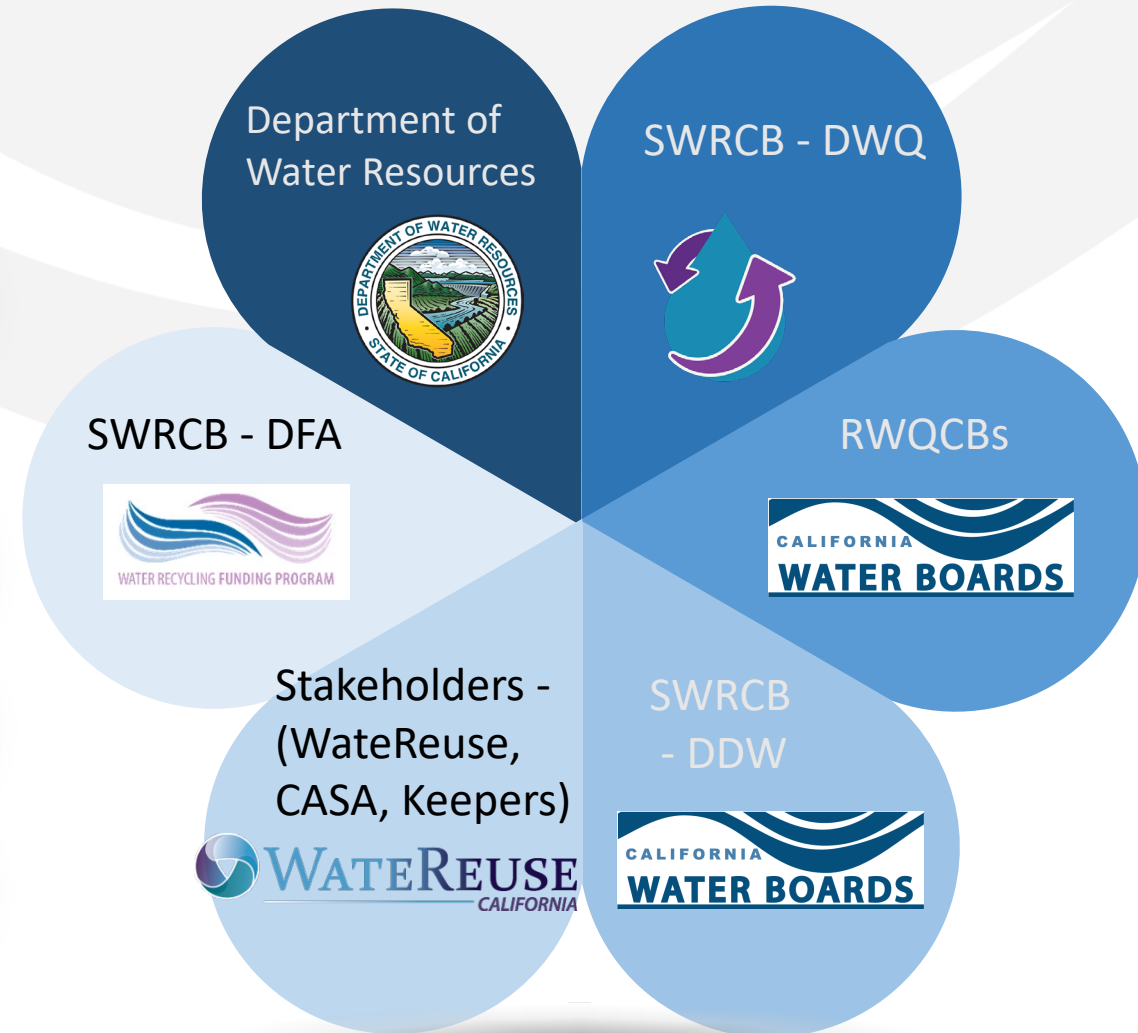


# California's Water Supply Strategy



# Water Board Actions – Recycled Water

2022-2024	Implementation Actions	
December 2023	Direct Potable Reuse Regulations	DDW
January 2024	<p>Convene strike team to identify and resolve permitting and funding barriers.</p> <p>Identification of Recycled Water Projects, Public Dashboard</p>	<p>DWQ</p> <p>DFA</p> <p>OIMA</p>



# Water Board Actions - Desalination

2022-2024	Implementation Actions	
June 2023	Develop <b>criteria for siting</b> of desalination facilities along the coast	<div data-bbox="1082 406 1312 535">DWQ</div> <div data-bbox="1082 549 1312 678">RBs</div>
January 2024	Identify the <b>brackish desalination</b> projects, and <b>potential volume</b>	<div data-bbox="1082 721 1312 849">DWR *</div> <div data-bbox="1082 863 1312 992">DWQ</div>
June 2024	Identify potential available <b>mitigation sites</b> and Consider <b>amendments</b> to the Ocean Plan	<div data-bbox="1082 1021 1312 1149">DWQ</div> <div data-bbox="1082 1163 1312 1292">RBs</div>



\*Department of Water Resources

# Water Board Actions - Stormwater

## Implementation Actions

**Estimate of current** stormwater capture and use statewide,

**Develop a long-term plan** for promoting stormwater capture and use

Ongoing  
January  
2040

DWQ

RBs





# Funding Support

## • Recycled Water

- “\$90,000,000 for water recycling projects that produce potable recycled water to supplement water supplies”
  - \$80,000,000 allocated to Metropolitan Water District of Southern California no later than 1/1/2024
  - \$10,000,000 used for Euclid Avenue Recycled Water System Expansion Project

## • Seawater Desalination

- \$350,000 *Subsurface Intake Seawater Desalination Initial Study*
- \$1,000,000 for *Subsurface Intake Seawater Desalination Study*

## • Stormwater

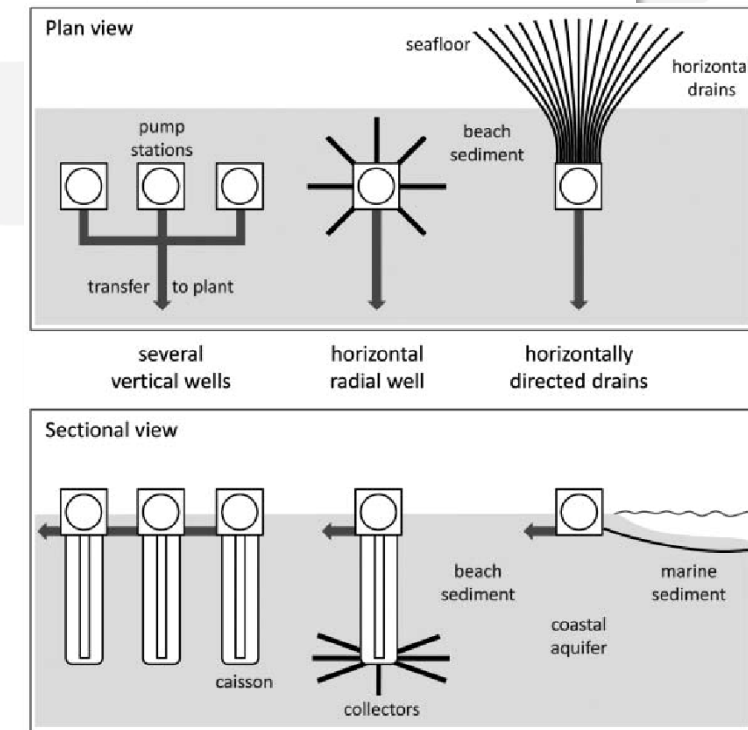
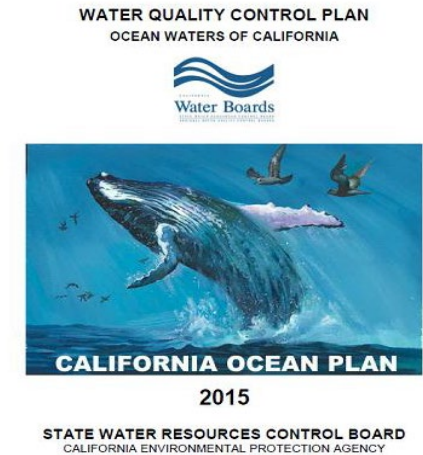
- \$300,000 for a contractor to provide an estimate of current stormwater capture and use statewide

**PUREWATER**  
SOUTHERN CALIFORNIA



# Desalination Subsurface Intake Grant Agreement

- **Grant Agreement:** Science advisory panel to develop a methodology of analyses to evaluate the feasibility of subsurface intakes for proposed seawater desalination projects.
- **Project Funding Amount:** \$150,000
- **Grantee:** CONCUR, Inc.
- **Work Start Date:** October 1, 2022
- **Anticipated Execution Date:** November 2022
- **Final Report Deadline:** January 31, 2024



Lattemann et al. 2012