Many Purposes for the Plan:

• Informs Governor’s Water Resilience Portfolio on Reuse Issues
• Provides California Perspective on EPA’s Water Reuse Action Plan
• Updates the WRCA Strategic Plan (expired in 2018)
• Serves as Reuse Primer for California Legislators
Co Chairs WRCA Working Group

• Alex Coate, GM, East Bay Municipal Utility District
• David Pedersen, GM, Las Virgenes Municipal Water District
• Four Writing Teams and 20 Contributors/Reviewers
Four Strategic Priorities
20 Actions:

- Research
- Regulations
- Regional Planning
- Funding
Complete Potable Reuse Research

• Identify Amount of Recycling Possible in CA
• Develop RWA Expert Panel
• Monitor CECs and Continue Work of Bioassay Group
• Study Impacts of Diminishing Wastewater Flow on Reuse
• Assess Research Needs for Treated Drinking Water Augmentation
Develop/Streamline Reuse Regulations

- Develop Regulations for Raw Water Augmentation
- Develop Regulations for Onsite Reuse
- Update Existing Non-Potable Regulations
- Develop Alternative Treatment Trains for Potable Reuse
- Clarify/Streamline Wastewater Change Petition Process
Integrated Regional Planning to Advance Recycled Water
Existing and Planned Potable Reuse Projects:
- Permitted Groundwater Augmentation: 207,543 AFY
- Planned Groundwater Augmentation: 388,764 AFY
- Permitted Recycled Water Augmentation: 11,231 AFY
- Planned Recycled Water Augmentation: 32,000 AFY
Total Existing and Planned Permitted Use: 747,540 AFY

Non-Potable Use of Recycled Water:
- 0-4,999 AFY
- 5,000-12,999 AFY
- 14,000-52,000 AFY
- 43,000-95,999 AFY
- 100,000+ AFY

Information based on the Water Board and DWR 2015 survey and water reuse data.
Local Planning Recommendations

- Incentivize Innovative Water Exchange Agreements
- Increase Collaboration to Maximize RW Use in Coastal Areas
- Maximize RW Use Where Groundwater Basins are Overdrafted
- Develop Regional Brine Disposal Solutions to Promote Reuse
- Incentivize Innovation in Water and Wastewater Treatment and Recycled Water Infrastructure
Increase Loan and Grant Funding
Funding Recommendations

• Leverage More CWSRF Funding Through State Bonds Sale
• Pass New Water Bond with $2 Billion for Reuse
• Streamline Water Recycling Funding Program and Increase Staffing
Outreach
- Resources Agency
- California Water Commission
- Water Board (Board Hearing)
  - DDW
  - DWQ
  - DFA
- Department of Food and Ag
- Water Leaders in Legislature
- Legislative Leadership
- CASA
- ACWA
- CMUA
- CUWA
- AWWA-Cal-NV
- Western Growers
Questions?