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: 207,545 AFY
- Planned Groundwater Augmentation: 388,764 AFY
- Planned Reservoir Water Augmentation: 16,931 AFY
- Planned Raw Water Augmentation: 32,000 AFY

Total Existing and Planned Permitted Use: 247,340 AFY

Non-Potable Use of Recycled Water

- 0-4,000 AFY
- 5,000-11,999 AFY
- 12,000-43,999 AFY
- 44,000-99,999 AFY
- 100,000+ AFY

Information based on the Water Board and DWR 2016 survey and online 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
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Questions?