



# WATER REUSE

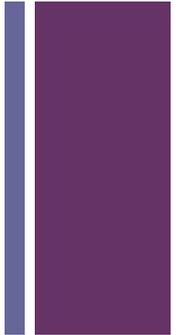
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*CALIFORNIA*

Northern California Chapter  
December 7, 2018



# Board of Trustees Composition



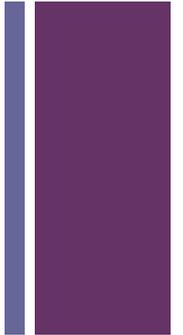
- Rich Nagel, Jacobs Engineering (Pres.)

Prabhakar Somavarapu, Sac. Regional (V. Pres.)

- 19 At-Large Board Members
- 7 Chapter Representatives
- Input from Standing and Ad-Hoc Committees
  - WRCA Executive Committee
  - WRCA Leg-Reg
  - Communications Collaborative Group



# Priority Board Actions 2018-19



- Maintain and enhance Chapter – Board communications
- Develop champions for recycled water in the California Legislature
- Develop Legislative proposals seeking feedback from chapters and members
- Creation of CA Communications Collaborative Group
- WRCA primary voice in California for recycled water policy and advancement of potable reuse

# + Potable Reuse Legislation

- AB 574 clean up legislation:
- Delete references to “Indirect and direct potable Reuse” in statute

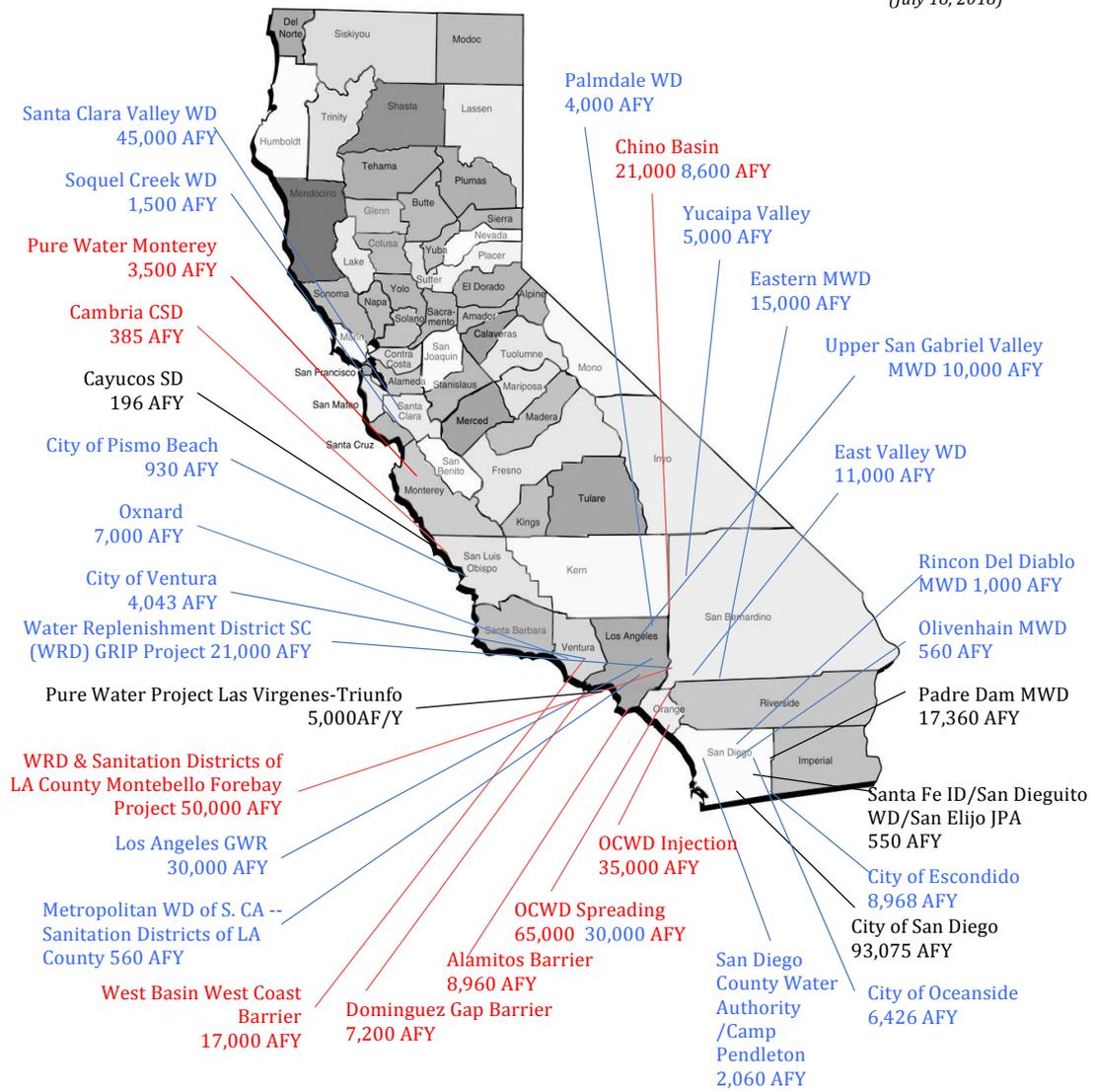


# Potable Use Projects



**Red = Permitted groundwater—208,045 AFY**  
**Blue = Planned groundwater - 212,647 AFY**  
**Black = Planned surface water augmentation - 116,181 AFY**

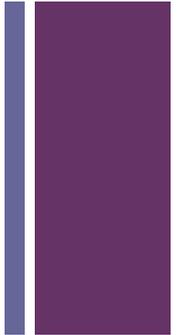
(July 18, 2018)





# Legislation: Title 17- 22 Changes?

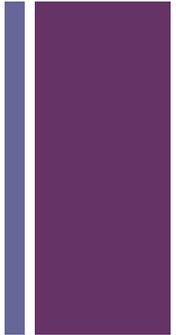
- Expand RW in Dual Plumbed Buildings?
  - Allow Swivel Ells for temporary shutdowns
  - Clarify that food preparation can occur
  - Clarify HOA requirements
- Specify in statute that Water Board must update regulations and periodic review





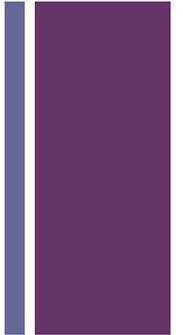
# Recycled Water Policy Update

## Partial List of Changes



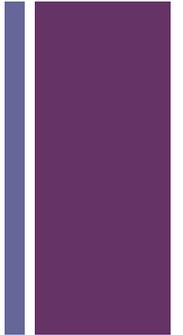
- Added additional goal promoting groundwater recharge in non-coastal areas
- Reduce RW reporting frequency
- Improving the wastewater change petition section to align with the statute
- Follow the CEC Expert Panel recommendations to implement a phased approach to bioassay monitoring before regulatory consequences occur

# + Bioassay Test Outcomes



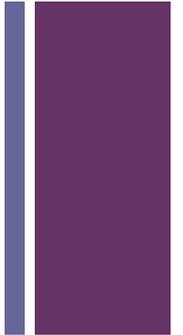
- First year develop the testing procedures
- Three years – monitor, assess outcomes
- Year four (2024) enforcement of regulatory consequences for failure to meet limits

# + Bioscreening Implementation Advisory Group



- WRCA funding group – led by NWRI
- Composed of Water Board, bioassay experts, utilities, laboratories
- Help guide utilities and Water Board through data collection
- Help specify protocols for sampling, extraction, measurement and data reporting
- Provide guidance for interpreting bioanalytical monitoring results

# + Clean Water SRF Plan Revision



- 2019 Intended Use Plan identified \$1 billion as a sustainable funding target: **Plan needs to prioritize projects**
- WaterReuse CA testified at the November 28<sup>th</sup> Water Board hearing on the CWSRF
- A critical source of funding for recycled water



## + Efficiency Legislation Implementation:

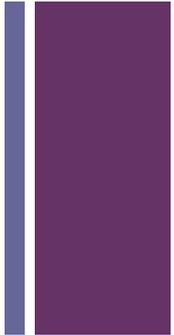
- Legislation includes consideration for variance for RW for salinity impacts
- WRCA Position: Preserve 1.0 Eto for RW
  - Seeking 1.2 Eto for RW for high TDS areas
- NWRI/S Cal Salinity Coalition study for WRCA created method for calculating RW use and leaching factor
- DWR: study on RW variance will be the first 2019

# + AWT Operator Certification

- WRCA contributes \$25K to potable reuse operator certification development
- Certification development to enhance safety of potable reuse supplies
- Micro web site launched Jun 2018 ([www.awtoperator.org](http://www.awtoperator.org))
- Launch spring 2019



# + 2019 WaterReuse CA Conference





# Questions?

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