



WATER REUSE

CALIFORNIA

San Diego Chapter
October 12, 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?

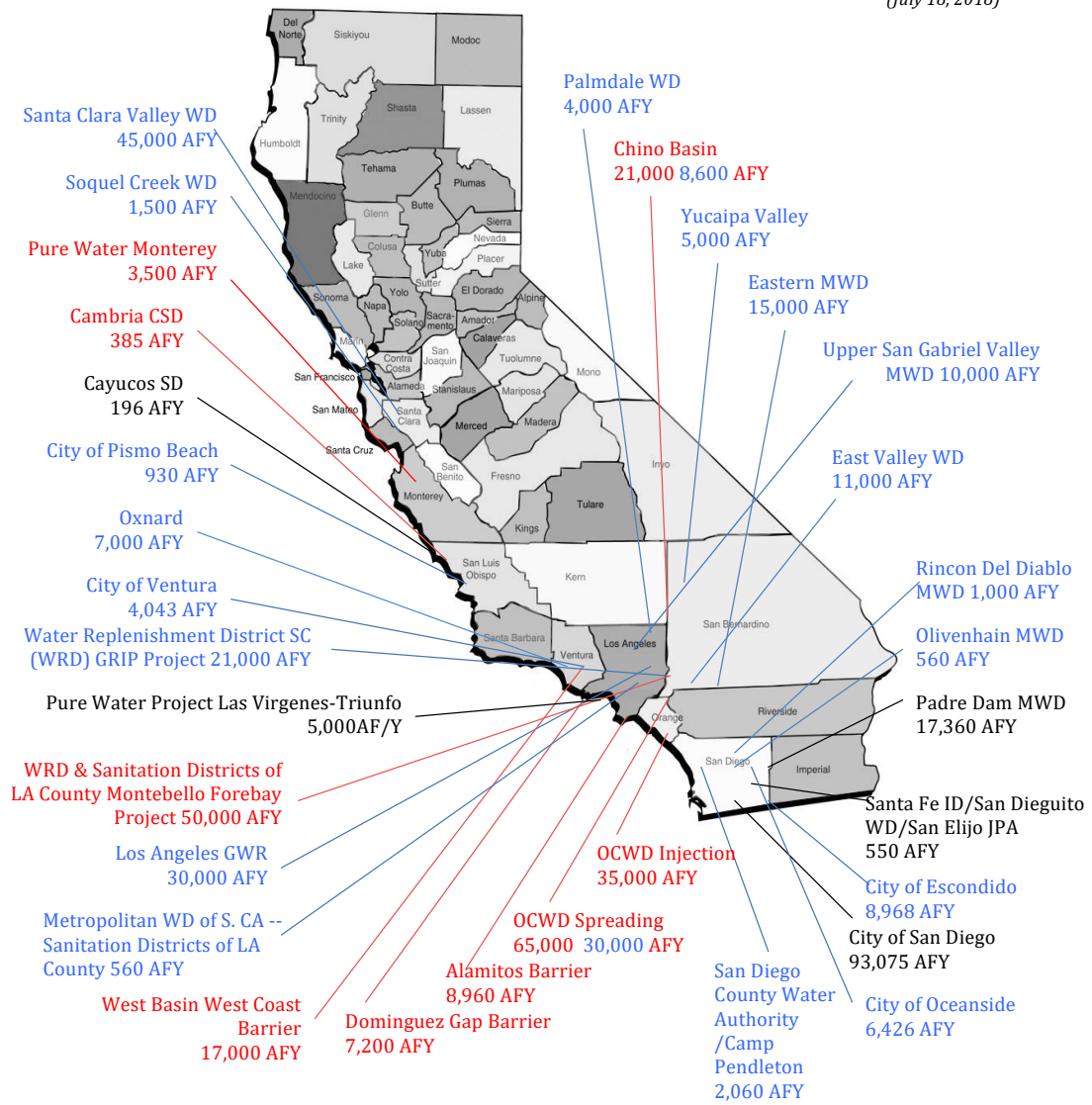
- AB 574 clean up legislation:
- Delete references to “Indirect and direct potable Reuse” in statute



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?
- Feedback?



Recycled Water Policy Update

Areas of Contention



- Adding new goal to minimize direct discharge to the ocean
 - Inappropriate singular focus on coastal areas
 - No consideration of costs/ feasibility
- Potentially complicating wastewater change petition process
 - Section 1211 process already slowing RW projects
- Potable Reuse: Adds two new bioassay tests with response actions



Bioassay Regulatory Concerns

- No current regulatory applications of in vitro bioassays for water quality assessment.
- “Response actions” are premature until Standard Operating Procedures (SOPs) are developed.
- Seeking deliberate, phased based approach recommended by our State CEC panel.



+ 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**
- Primary score is for water quality protection
- Secondary scores:
 - matching funds
 - Shorter term financing: 20 v 30 years
 - Agency climate change action plans
- Need funding capacity expansion
- New Administration



+ Conservation Legislation Implementation: Variance

- 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)
- Launch spring 2019





Questions?

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