



WATER REUSE

CALIFORNIA

Orange County Chapter
February 21, 2019



Board of Trustees Composition

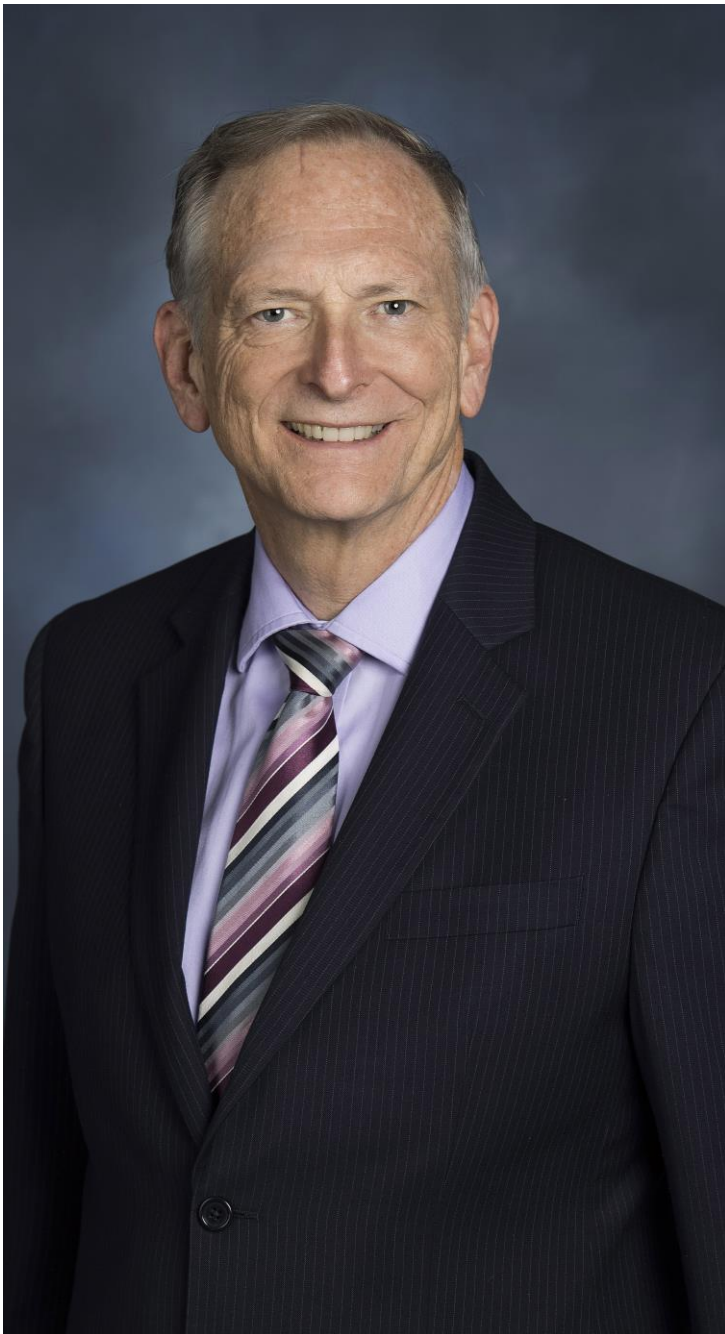
- Rich Nagel, Jacobs Engineering (Pres.)
Prabhakar Somavarapu, Sac. Regional (V. Pres.)
- 19 At-Large Board Members
- 7 Chapter Representatives
- Input from Standing and Ad-Hoc Committees
 - WRCA Executive Committee
 - WRCA Leg-Reg



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
- Launch CA Communications Collaborative Group



AB 292 (Quirk) Potable Reuse Terminology

Asm Quirk, PhD (D - Hayward) – Chair
Asm Environmental Safety and Toxic
Materials Committee

Delete references to “Indirect” and
“Direct” for potable reuse: use
AB 574 statute

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Pending Amendments

Treated Drinking Water
Augmentation Minor Changes

Change other references to DPR and
IPR as appropriate



Treated Drinking Water Augmentation

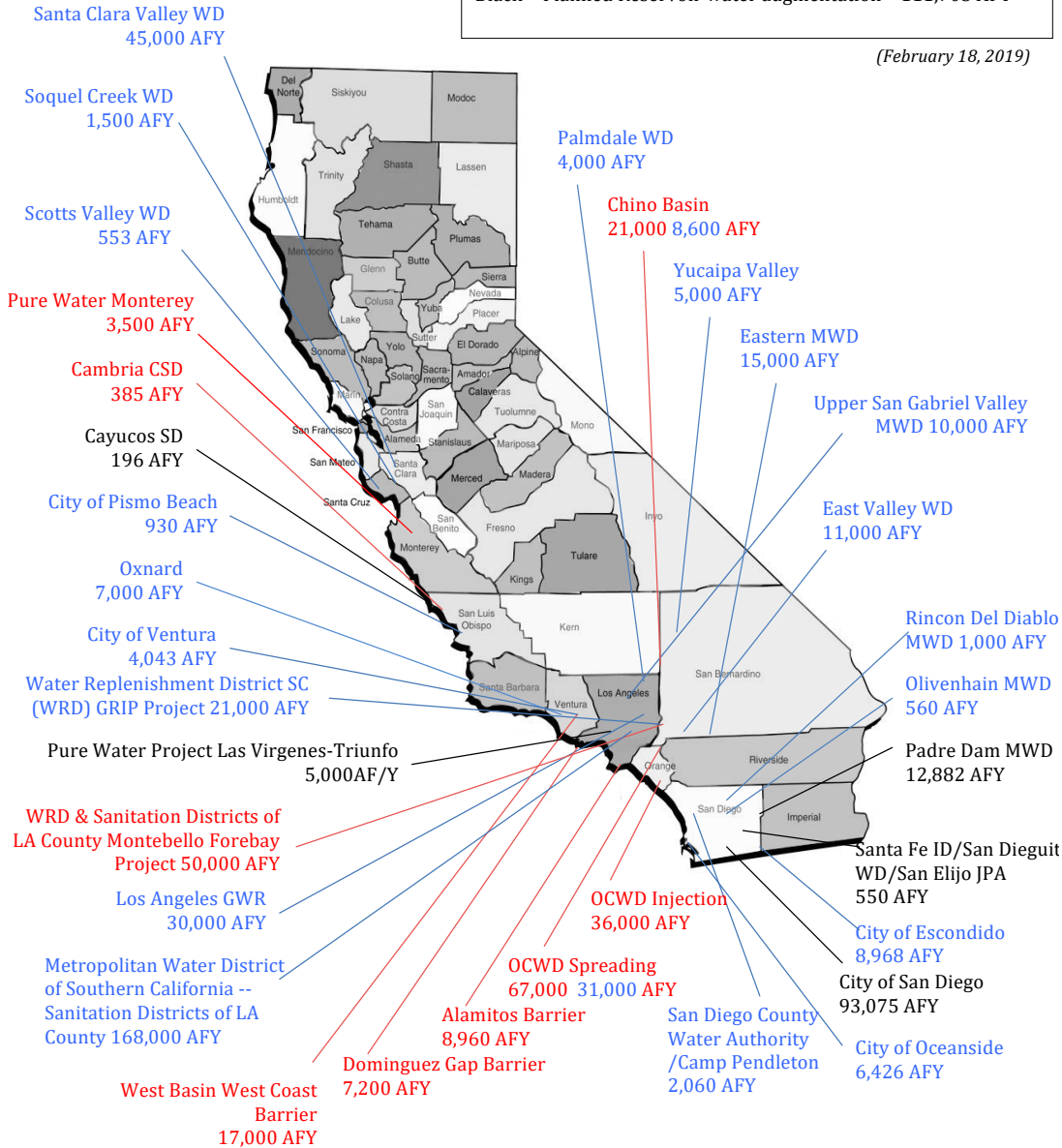


“Treated drinking water augmentation” – means the planned placement of recycled water directly into a the finished water distribution system of a public water system, as defined in Section 116275 of the Health and Safety Code.

Potable Use Projects

Red = Permitted groundwater augmentation— 207,545 AFY
 Blue = Planned groundwater augmentation— 387,004 AFY
 Black = Planned Reservoir water augmentation - 111,703 AFY

(February 18, 2019)





Title 22 Update (Non-Potable)

Asm Laura Friedman (D – Glendale)
Water Parks and Wildlife Committee

Update Title 22 by 2023
(when onsite reuse regs are required)

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No non-potable reuse update for 19
years

Allow swivel ell or other change over
backup device to promote dual
plumbed uses



Purple Pipe Reg Update Is Needed



EXAMPLES

- Revise “outdoor eating area” restrictions to clarify that RW can be used in parks with picnic tables, etc.
- Revise dual plumbing requirements so food processing facilities or buildings with cafeterias can have their restrooms dual plumbed. Continue prohibition on use in the food processing area.
- Allow change over device (swivel ell) in dual plumbed buildings to easily switch back and forth when a change over to potable water is required.
- Add allowed RW uses: ponds, vehicle washing, pressure testing, RW for approved fill stations.



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Budget Issues

- Raw Water Augmentation: staffing for Water Board
- Need to start in 2019 or miss the deadline
- Have asked Water Board Chair for a meeting to discuss plan
- Onsite reuse reg development \$ in the Governor's Budget



SB 332 (Hertzberg-Wiener) Wastewater Discharge Ban

Agency by agency mandate to reduce discharges to oceans and bays on the following schedule:

- 50% reduction by 2030
- 95% reduction by 2040
- + ▪ Baseline effluent average 2010-20
- Wastewater treatment operators and “affiliated water supplier” subject to penalties (\$2K per AF)
- Wastewater-water districts submits plan every five years to meet this mandate.



Bioanalytical Implementation Advisory Group



- NWRI administers and WRCA providing funding
- Develop SOPs for two bioassays contained in Recycled Water Policy
- Delayed implementation of monitoring until 2020
- Delayed implementation of regulatory consequences until 2023
- First meeting January 10th; next meeting spring 2019

Advanced Water Treatment Operator Certification



- WRCA contributes \$25K to potable reuse operator certification development
- + ▪ Certification development to enhance safety of potable reuse supplies
- Value and benefits of the certification

Webinar March 14, 11-12

(www.awtoperator.org)



- Chaired by Eleanor Torres (OCWD) and Patsy Tennyson (Katz & Associates)
- Responses to RW/potable reuse stories in the media
- Link/assist with CA legislative-regulatory program
- Updating RW/potable reuse terminology
- Next meeting/workshop: WRCA Annual Conference



Thank you Orange County Chapter!

Register today



Questions?



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