

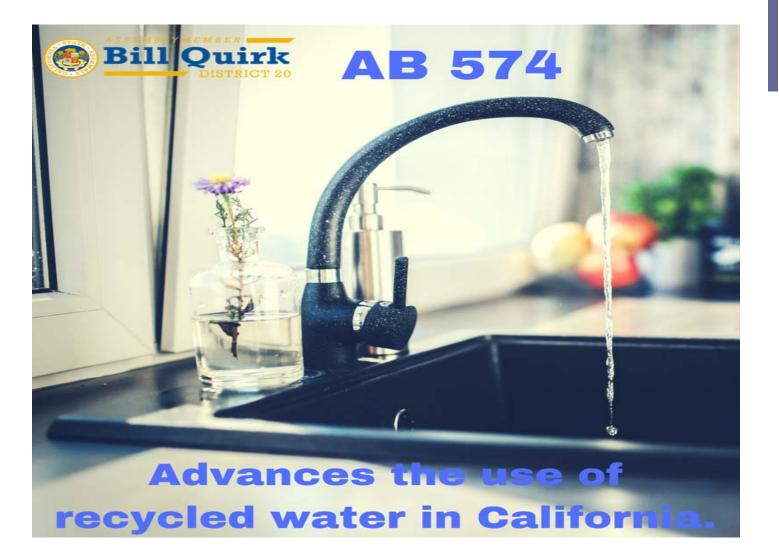


Jennifer West Managing Director February 15, 2018

AB 1668-SB 606 Conservation Leg

- Drivers: Governor and Water Board
- Policy or trailer bill?
- Amendments pending
- Recycled Water Discussion
 - WRCA proposed study language on whether to reduce below 55 GPCD
 - "Principles of MWELO" what does this mean?
 - <u>Required</u> Water Board variance for RW needs over 1.0 ETO
 - RW-Potable supplies protected in a drought
 - Exceeding Urban Water Efficiency Target via potable reuse
 - Currently up to 10% beyond urban water target based on agency's total potable reuse

AB 574 Implementation







California Water Bond Nov. 2018?

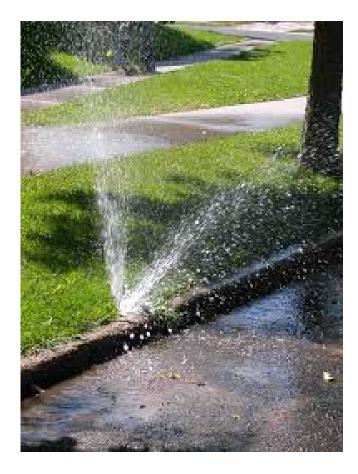




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\$400 million for RW

+ Proposed Water Waste Regulations







Highlights RW Policy Update

- Update RW goals
- Track RW production & uses annually WRCA has recommendations
- A study on wastewater discharge to the ocean
- Re-evaluate PP monitoring for landscape irrigation
- Prioritize Salt Nutrient Management Plans
- Update CEC recommendations (required very 5 years)

+ Charges of 2018 CEC Expert Panel

- Identify need for CEC monitoring/potential health risks
- Update monitoring trigger levels
 - Include groundwater and reservoir augmentation
- Review all non-potable Title 22 uses (45)
- Comment on likelihood of antibiotic resistance in RW



+ Major Takeaways

- No CEC monitoring needed for all non-potable uses
- Continue Risk Based Framework with performance based indicators
- Recommend Reservoir Augmentation to have same CEC monitoring as groundwater direct injection
- Slightly revise monitoring trigger levels
- Current studies do not show antibiotic resistance transmission is a consequence of water reuse practices (more studies needed)
- Water Board take more active role in collecting and assessing CECs from projects
- Quarterly monitoring for two bioassays to assess estrogenic and dioxin-like biological activities in recycled water
 - WRCA: Make bioassays voluntary
 - Remove bioassay trigger levels as they have no basis in health

Quote from CEC Expert Panel

"The Panel cannot stress strongly enough that the outcome of the 2018 application of the risk-based framework clearly points to the safety of potable and non-potable reuse practices in California. It is essential that all stakeholders and the public realize that the Panels' findings and recommendations include a very large margin of safety."



+ MWELO Update 2018

- Last updated in 2015 RW is "special landscape" with 1.0 ETO as maximum allowed water application
- Draft regulations out in March-April
- California Water Commission adopts in July
- WRCA involved in update: Goal maintain 1.0 ETO, develop process for variance for when salinity requires more RW



+ WRCA Commissioned Study

- "Leaching in Application of Recycled Water for Landscape Irrigation"
- NWRI—So. Cal Salinity Coalition UC Riverside Professors
- Science-based guidance for DWR to determine how much RW is needed to reduce negative impacts of salinity
- Outcome: in certain circumstances 1.2 ETO justified



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WATEREUSE CALIFORNIA ANNUAL CONFERENCE

PORTOLA HOTEL & SPA, MONTEREY

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Questions?

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