



Recycled Water Committee

2017 Accomplishments
And 2018 Outlook

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Co-chairs

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Priority Topics of Interest

- ▶ Potable Reuse
 - Surface Water Augmentation Regulation
 - AB 574 (Quirk Bill)
- ▶ Recycled Water Project Funding Opportunities
- ▶ Recycled Water Policy Revision
- ▶ Water Use Efficiency and Recycled Water
- ▶ Building Standards & Recycled Water Systems
- ▶ Direct Potable Reuse Regulation



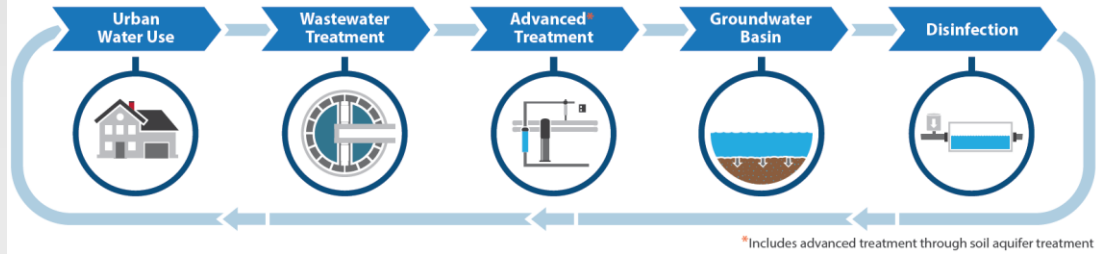
Potable Reuse: Reservoir Water Augmentation Regulation

- ▶ Regulation allows advanced treated recycled water to be stored in reservoirs providing drinking water supply
- ▶ Review reservoir retention time for Bay Area Agencies late 2016
- ▶ Proposed regulations released July 21, 2017
 - BACWA Comment letter, 9/12/17: Requested regulatory language to allow surface water reservoirs not meeting 60-day theoretical hydraulic retention time to utilize an alternative clause that would meet water quality requirements
- ▶ Revised regulation released December 1, 2017
 - Incorporated Expert Panel recommendations
 - No changes in 60-day theoretical hydraulic retention time requirementst

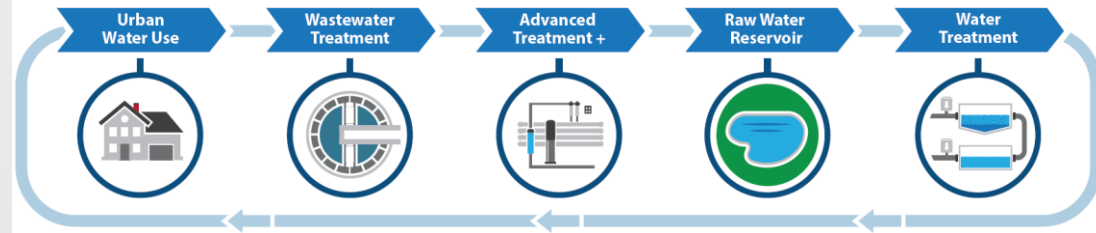


AB 574 (Quirk) to Define Potable Reuse

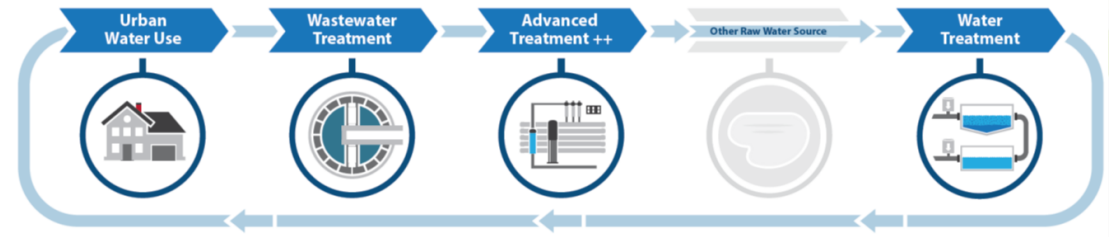
1. Groundwater Augmentation



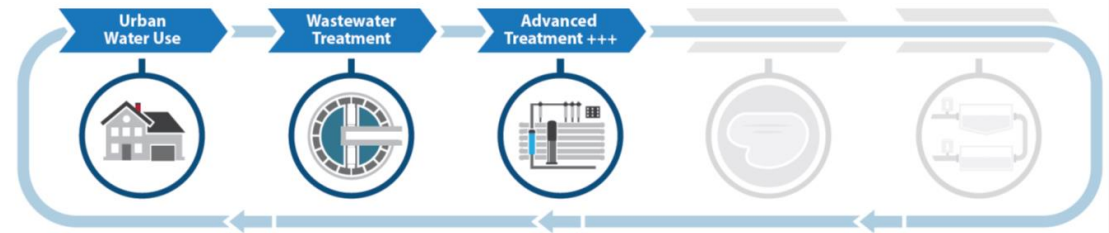
2. Reservoir Water Augmentation



3. Raw Water Augmentation



4. Treated Water Augmentation



Future Potable Reuse Regulation

- ▶ AB 574 requires regulations for raw water augmentation in 5 years (by December 31, 2023)
- ▶ Committee will continue monitoring progress of Potable Reuse regulations



Recycled Water Project Funding Opportunities

- ▶ \$10M available from Water Infrastructure Improvements for the Nation (WIIN) Act
 - 30-day application period
 - Applicants included several Bay Area Agencies
 - BACWA provided support letters for Bay Area agencies seeking funding for recycled projects



Recycled Water Project Funding Opportunities

▶ Clean Water State Revolving Fund (CWSRF)

- 2017/2018 Intended Use Plan
 - Limited number of projects will receive SRF funding (Group 1 and 2)
 - Funding unavailable for several Bay Area Agencies in (Group 3, applications under review)
- CWSRF Policy & Prioritization Workshop
 - BACWA provided comments recommending policy revisions and prioritization recommendations
 - ▶ Equitable geographic distribution of funds
 - ▶ Fund construction cost incurred prior to issuance of funding agreement
 - ▶ Prioritize multi-benefit projects and ready to proceed projects



Recycled Water Project Funding Opportunities

▶ CWRSF Policy Revisions

- State Water Board increased leveraging authority
- Allow partial funding of projects
- Potentially allow reimbursement for construction costs incurred prior to funding agreement

▶ Committee plans

- Monitor availability of funding for recycled water projects
- Provide support for Bay Area project applicants



Recycled Water Policy Amendments

► Drivers

- Salt and Nutrient Management Plans
- Adjust priority pollutant monitoring
- Review and update existing recycled water permits
- Requirements for reporting and tracking recycled water production and use
- Update CEC monitoring requirements
- Re-evaluate State recycled water goals and mandates



Recycled Water Policy Amendments

- ▶ **Salt and Nutrient Management Plans (SNMP)**
 - Prioritize basins instead of requiring SNMP for every basin in the state
 - Provide framework for Regional Water Boards to allocate resources for permitting recycled water projects
- ▶ **Adjust priority pollutant monitoring**
 - Remove priority pollutant monitoring requirements for landscape irrigation
 - Reduce number of constituents to be monitored
- ▶ **Review and update existing recycled water permits**
 - Recycled Water General Order 2016 requires enrollment of 96-011 permittees by June 2019
 - Provide Regional Water Boards framework for transition



Recycled Water Policy Amendments

- ▶ Recycled Water Use, Potential Volume
 - Data used for nutrient management permit, potential funding availability
 - Labor intensive, may be inaccurate
 - Duplicate reporting requirements between Climate Change Resolution, Urban Water Management Planning, Recycled Water Policy
 - BACWA provided comment on Climate Change Resolution to minimize duplication of efforts and greater inter-agency coordination
- ▶ Draft of Revised Recycled Water Policy available March/April 2018
- ▶ Subcommittee: Work with Regional Water Board, develop process to bring 96-011 permittees under the General Order
- ▶ Committee representative: Participate in revisions to the Recycled Water Policy



Building Standards, Recycled Water Systems

- ▶ **AB 2282 - Research and develop mandatory recycled water building standards**
 - To require recycled water systems on new residential, commercial and public buildings
- ▶ **Committee representative on Advisory Committee**
 - Withdrew requirement for indoor use of recycled water
 - Exemptions allowed to landscape irrigation requirements
 - Cost effectiveness, supply availability, supply reliability



Water Use Efficiency and Recycled Water

- ▶ Implementation of Executive Order B-37-16
 - *Making Water Conservation a California Way of Life*
- ▶ Standards for indoor and outdoor efficiency
- ▶ Issues with disincentives to recycled water projects
 - Includes recycled water in outdoor water budget calculation
 - Proposed prohibition to use recycled water on turfs on streetscapes
 - Additional regulations that already exists in other recycled water regulations
- ▶ Committee plans to monitor and participate in rulemaking processes





Recycled Water Committee

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