Drought Now Californians’ Top Concern Poll Finds
WRCA Priority Issues

- CA Legislation
- Potable Reuse Communications -- Outreach
- Advisory and Expert Panel Activities
- Non-Potable Regulatory Activities
2015 Recycling Related Legislation

- Budget – CEQA RW IPR Pipelines
- AB 606 (Levine) State Properties RW
- AB 888 (Bloom) Ban on Microbeads
- AB 1463 (Gatto) Onsite Gray Water
Potable Reuse Outreach

- SWRCB and DWR
- Media
- California Legislature
- Statewide Environmental Groups
- Allied Associations
PERMITTED GROUNDWATER (8)
Existing ≈ 200,000 AFY ~ 1.6 M People
California Potable Water Reuse Projects

**PERMITTED GROUNDWATER (8)**
- Existing ≈ 200,000 AFY ~ 1.6 M People

**PLANNED GROUNDWATER (17)**
- Planned ≈ 225,000 AFY ~ 1.6 M People

**PLANNED SURFACE WATER AUGMENTATION (6)**
- Planned ≈ 100,000 AFY ~ 800,000 People
PERMITTED GROUNDWATER (8)
Existing ≈ 200,000 AFY ~ 1.6 M People

PLANNED GROUNDWATER (17)
Planned ≈ 225,000 AFY ~ 1.6 M People

PLANNED SURFACE WATER AUGMENTATION (6)
Planned ≈ 100,000 AFY ~ 800,000 People

NON-POTABLE WATER RECYCLING PROJECTS (141)
Planned ≈ 300,000 AFY ~ 2.4 M People
Potable Reuse Still Faces Local Opposition
Reservoir Augmentation

Full Advanced Treatment → Large Reservoir → Potable Water Treatment Plant → Water Consumers
Reservoir Augmentation

- Retention time:
  - At least 6 months

- Dilution & mixing options:
  - 99-to-1 dilution, \textit{or}
  - 9-to-1 dilution with +1-log treatment
Reservoir Augmentation

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DPR needs to eliminate the need for dilution and retention time!
General Order RW Redux 2015

- SWRCB-GO wants increased participation in the Order
- 25+ participants to date (Many in San Diego for fill stations)
- Generally unwilling to model off of Bay Area Regional Permit – SFBRWQCB 96-011
- Gives some regions additional options with RWQCBs
- Must remain opt-in order
WRCA Working Group

- Major issues:
  - Reporting of agronomic rates
  - Monitoring and reporting priority pollutants
  - Adopted Salt Management Plan
  - Required consultation to add new users
  - Move from WRD to WRR
Title 22 Proposed Changes

- Working on changes since 2009
- Title 22: Expand uses of RW
- Dual Plumbed RW system (allow snack bars and cafeteria)
  - Allow hose bibs and quick couplers
SERIOUS DROUGHT HELP SAVE WATER
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