An Update on the Steering Committee on Arizona Potable Reuse (SCAPR)

July 28, 2015
Potable Reuse in Arizona - A Continuing Conversation

Deny
Delay
Disguise

“BEFORE”

Governor’s Blue Ribbon Panel on Water Sustainability

Steering Committee on Arizona Potable Reuse

SCAPR Advisory Panels Completed

2010

2012

2013
Phase I Key Outcomes

1. No AZ community is currently developing DPR, but
2. Potable Reuse is “on the table” in Arizona
3. IPR projects are in place – and more on the way
4. Technology is not the major obstacle
5. Best practices for public communications were identified
6. A flexible regulatory framework is needed
7. Prime concerns: unregulated contaminants, process monitoring/reliability, brine management, & defining “safe”
White Paper Themes (1 of 3)

- IPR in Arizona through **aquifer recharge** is ongoing, safe, and a critical water management strategy
White Paper Themes (2 of 3)

- IPR in Arizona through surface water augmentation is a potential future option that will require framework development
DPR in Arizona is currently prohibited, and a robust framework must be developed to allow implementation.
Potable Reuse in Arizona - A Continuing Conversation

- Deny Delay Disguise
- Governor's Blue Ribbon Panel on Water Sustainability
- Steering Committee on Arizona Potable Reuse
- SCAPR Advisory Panels Completed
- SCAPR Next Steps

“BEFORE”
Track Similar Efforts

**Arizona**
- Steering Committee on Arizona Potable Reuse

**California**
- DPR Initiative
- Feasibility Report due in 2016

**Colorado**
- Potable Reuse White Paper

**North Carolina**
- Eliminated DPR Prohibition

**Georgia**
- Side-by-Side RO and Non-RO Pilot Testing

**Florida**
- Day for Elected Officials
- Demonstration Project

**Texas**
- Project(s) in Operation
- Guidance Documents

**New Mexico**
- Advisory Panel for DPR Operations
Keep Up with Technology

- RO and Non-RO Treatment Configurations
- Brine Management
- Critical Control Points
- Real-Time Monitoring
- Dilution/Blending
- Natural and Engineered Storage
Address Implementability

- Operator Training and Certification
- Community Capacity
- Funding
Develop Resources for CEC’s

- Central clearinghouse for information
- Better understanding of risk
- Clear and consistent messages
Develop DPR Framework

Decisions....

- Virus/Giardia/Crypto/Coliform
- Monitoring/CCP
- Diluent

Proposal: WRRF Tailored Collaboration (2016)
Continue the Conversation

- Communications strategy development
- Continuous, factual information
Focus on Solutions

- The need within 25-100 years is **0.9 to 3.2 MAF**
- “As demands increase and water supplies become more stretched, the need to explore and invest in **direct potable reuse for drinking water supplies will become necessary.**”
Recycled Water in Arizona: Right Water for the Right Use