

Update on State Board's Emergency Regulation and Governor's Executive Order

**Regional Advisory Committee
August 3, 2016**

Presentation by:

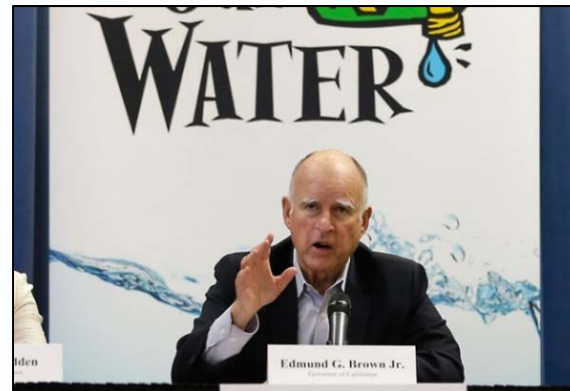
Jeff Stephenson, Principal Water Resources Specialist

Governor's May 9, 2016, Executive Order (EO)

Four areas of action:

1. Use Water More Wisely

- *SWRCB modify emergency regulation (complete)*
- *Develop new long-term water use efficiency targets*
- Develop proposal for mandatory reductions in 2017, in case this winter is dry
- Require permanent monthly reporting



Governor's May 9, 2016, EO (cont.)

2. Eliminate Water Waste

- Permanently prohibit wasteful practices
- Minimize water system leaks

3. Strengthen Local Drought Resilience

- Improve Water Shortage Contingency Plans
 - Plan for five-year droughts
 - Create common statewide standards

4. Improve Agricultural Water Use Efficiency and Drought Planning

EO Provision - Modify Emergency Regulation

- SWRCB amended on May 18, 2016
- Individualized conservation standard based on unique supply and demand conditions
 - In effect June 2016 through January 2017
- Determined by projecting supplies and demands for 2017, 2018, 2019
 - Supply projections based on hydrology in 2013, 2014, 2015
 - Demand projections based on potable use in 2013, 2014
- Conservation standard based on shortage, if any, in 2019

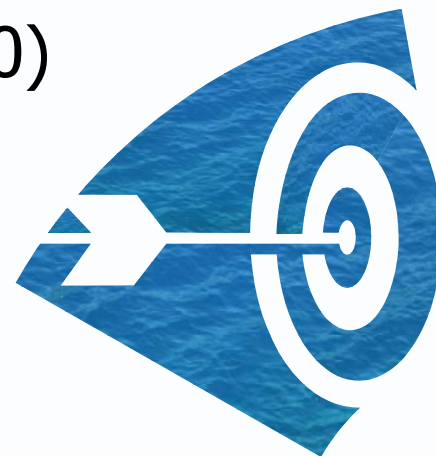
EO Provision - Modify Emergency Regulation (cont.)

- Compliance analysis option for wholesalers to certify for region if all retailers agree
 - Required a “Legally Binding” document
 - Water Authority Board adopted resolution in June 2016
 - Member agencies required to report monthly water use
- Self-certifications submitted in June 2016
- Calculations show region has sufficient supplies to meet demands under SWRCB’s criteria
- Continued water conservation efforts
 - “Live WaterSmart” campaign



EO Provision - Develop New Long-Term Water Use Efficiency (WUE) Targets

- Build on SBX7-7 (20% reduction by 2020)
 - Generate additional savings
- Strengthen standards for
 - Indoor residential water use
 - Outdoor irrigation
 - Incorporate landscape area, local climate, satellite imagery
 - Commercial, industrial, institutional water use
 - Water lost through leaks
- Customized to unique conditions of each water agency



Key Issues in Development of New Long-Term WUE Targets

- Clearly identify the purpose of the new requirement
 - What are we trying to achieve through the long-term WUE targets?
- Differentiate between long-term efficiency and emergency drought conservation
- Part of broader water supply resiliency framework

Water Use Efficiency



Local Supplies



Storage



Key Issues in Development of Long-Term WUE Targets (cont.)

- Provide water agencies options for setting and achieving targets
 - Consistent with SBX7-7 of 2009
 - Decision of local community
 - Not a “one-size-fits-all” approach
 - Definition of efficient water use will vary
- Water use characteristics of communities across California vary widely and long-term efficiency standards must allow for differences



Key Issues in Development of Long-Term WUE Targets (cont.)

- Recognize unintended consequences
 - Reduced wastewater flows for water recycling
 - Limits effectiveness of emergency drought conservation
 - Impact on urban landscapes and quality of life
 - Reduced irrigation runoff into local watersheds



Schedule for Development of New Long-Term WUE Targets

- *July 2016* – Urban Advisory Group Formed
- *August 2016 – Jan. 2017* - Develop Draft Framework
- *2017* – Implement Framework

