



Arts & Innovation

DECLARE STAGE ONE OF WATER CONSERVATION ORDINANCE & COMPLY WITH THE SWRCB EXTENDED EMERGENCY DROUGHT REGULATIONS

Board of Public Utilities
June 6, 2016

RiversidePublicUtilities.com

Executive Order B-37-16

1. Extends the drought emergency through January 2017
2. Authorizes SWRCB to revise the emergency regulations

RiversidePublicUtilities.com



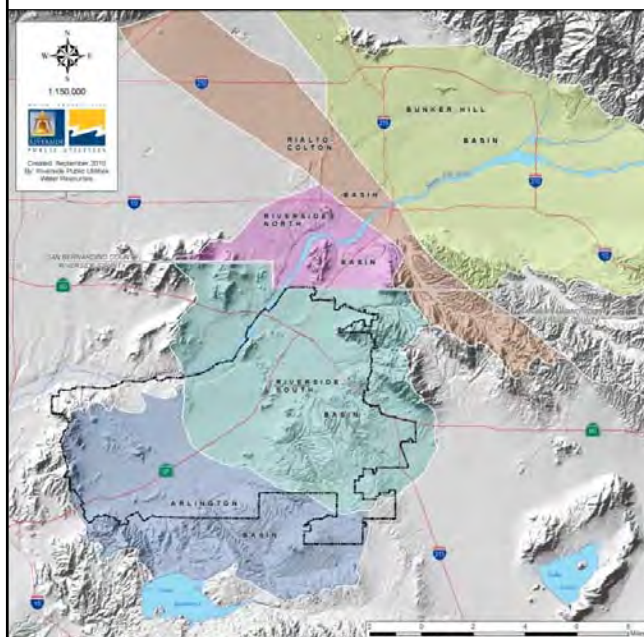
SWRCB Revised Regulation

1. Extends emergency regulation through January 2017
2. Provides self-certification of water supply in lieu of mandated water conservation goals
3. Further prohibits certain uses of water permanently



RiversidePublicUtilities.com

Self-Certification Supply



Extraction/Export Rights

- Bunker Hill
 - 55,263 AFY Export
- Colton
 - 2,728 AFY Export
- Riverside North
 - 10,902 AFY Export
- Riverside South
 - 16,880 AFY Extraction

85,774 AFY Total



Self-Certification Demand

(Potable Water Production in CY 2013 and 2014)

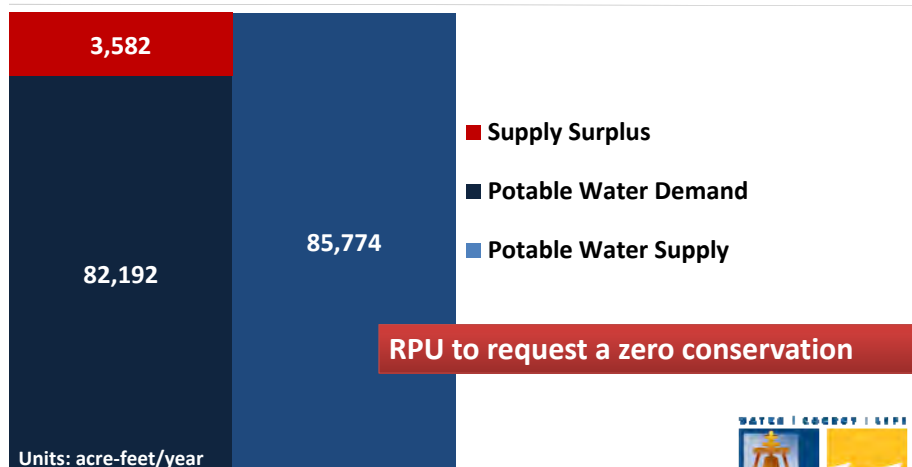
in acre-feet

2013	City of Riverside Total Water Production	68,544
	Non-Potable Gage Exchange	12,150
	Unaccounted for Water	2,411
	City of Riverside Total Potable Water Demand	83,105
2014	City of Riverside Total Water Production	66,543
	Non-Potable Gage Exchange	11,896
	Unaccounted for Water	2,840
	City of Riverside Total Potable Water Demand	81,279
Average Potable Water Demand		82,192

RiversidePublicUtilities.com



City of Riverside's Supply Reliability for Three Additional Years of Drought



RiversidePublicUtilities.com



Drought Stage Comparison

Stage 1

1. Limited watering window for sprayers
 - a. Blackout 10 AM to 6 PM
2. Hoses require shut-off nozzles
3. Mobile equipment restrictions
 - a. Hand-held bucket or hose with shut-off nozzles
 - b. Exemptions allowed for health, safety, and welfare of the public
4. Construction operations shall not use water unnecessarily
5. Landscaping for new development subject to WELO requirements

Stage 3

1. Adds upon Stages One and Two
2. Limited watering week
 - a. Three days, April through October
 - b. Two days, November through March.
3. Water length restrictions:
 - a. 15 minute for pop-up
 - b. 30 minute for impact and rotor
4. No prohibition for use of graywater or recycled water

RiversidePublicUtilities.com



New Permanent Restrictions

1. Amend Section 14.22.010 to comply with the Governor's EO and SWRCB's revised regulations
 - a. No Irrigation with potable water of ornamental turf on public street medians
 - b. No Irrigation with potable water of landscapes outside of newly constructed homes and buildings that is inconsistent with WELO
 - c. Drinking water to only be served upon request
 - d. Hotel guests can opt out of laundering towels and linen

RiversidePublicUtilities.com



Stage One (Normal Conditions) of the Water Conservation Program

1. Eliminate mandatory outdoor watering restrictions
2. Additional flexibility to use water efficiently

RiversidePublicUtilities.com



Conclusions

Following the calculation method defined by the State Board:

1. RPU's identified supplies exceed the expected demands through 2019 assuming 3 additional dry years.
2. RPU's new conservation standard with self-certification of supply reliability is zero.
3. Declaring stage one and proposed ordinance to comply with the extended emergency drought regulations.

RiversidePublicUtilities.com



Recommendations

That the Board of Public Utilities recommend:

1. That the City Council adopt the proposed resolution declaring Stage 1 of the Water Conservation Ordinance.
2. That the City Council adopt the proposed ordinance to comply with the State Water Board's extended emergency drought regulations.

RiversidePublicUtilities.com

