



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

Public Utilities Department

**City Council
June 7, 2016**

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Executive Order B-37-16

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

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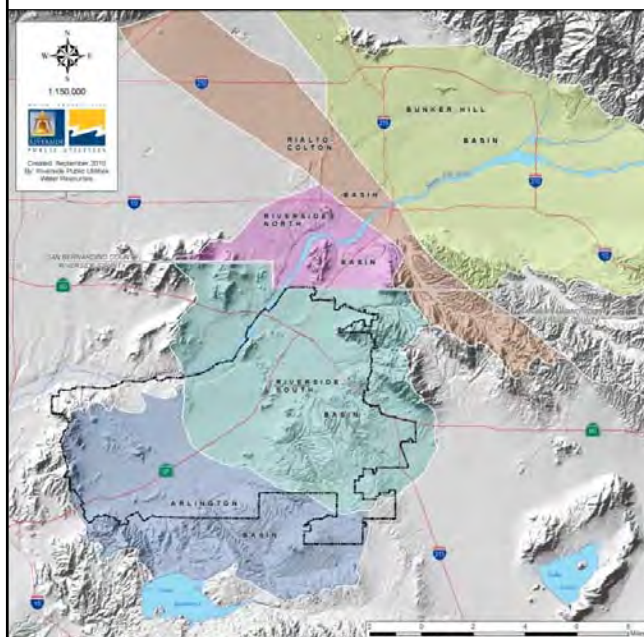
SWRCB Revised Regulation

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



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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)

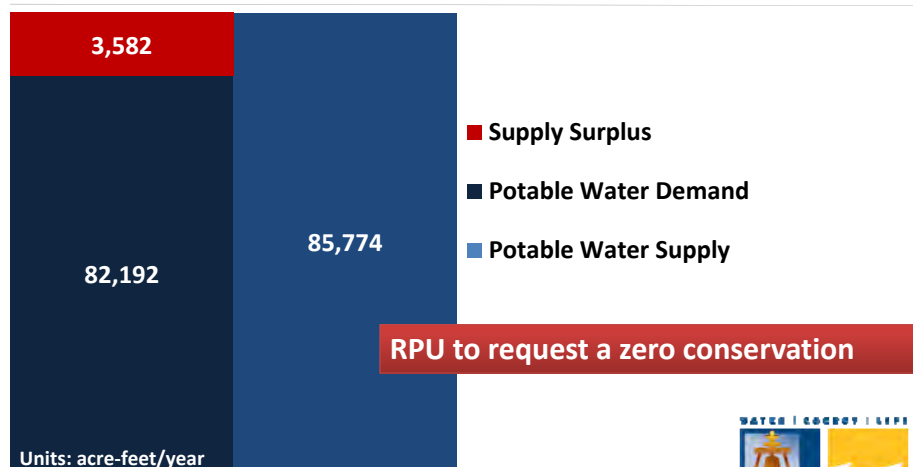
in acre-feet

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

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



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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

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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

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Stage One (Normal Conditions) of the Water Conservation Program

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

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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.

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Recommendations

That the City Council:

1. Adopt the proposed resolution declaring Stage 1 of the Water Conservation Ordinance; and
1. Adopt the proposed ordinance to comply with the State Water Board's extended emergency drought regulations

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