AS THE RAINS COME DOWN, CAN WATER CONSERVATION REMAIN A WAY OF LIFE?

FEBRUARY 22, 2017
It’s Raining... A Lot! Why Do We Still Need to Conserve?

1. Conservation as Supply = Cheapest, Fastest, Least Environmental Impact

2. Saving Water --> Saves &

3. Maximizes the Value of Investments

4. Can Defer or Eliminate Need for Investments to Increase Supplies / Reduce Chance of Investments that Become Stranded Assets

5. Avoid Future Emergencies
And Because of Enormous Conservation Potential

Credit: Pacific Institute
Governor Brown’s May 2016 Executive Order

NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in Executive Order Nos. 8567 and 8571, do hereby issue this Executive Order.

IT IS HEREBY ORDERED THAT:

1. The orders and provisions contained herein shall take effect upon publication in the California Administrative Register.

2. The Department of Water Resources, the Department of Food and Agriculture, and the California Public Utilities Commission shall develop and adopt regulations, in accordance with statutes, to implement the provisions of this Order.

3. The Department and the Water Board shall issue monthly reports on the implementation of this Order.

4. The Water Board shall promulgate rules and regulations to ensure that water conservation measures are implemented in a timely manner.

5. The Water Board and the Department shall work with water suppliers to ensure that water conservation measures are implemented in a timely manner.

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7. The California Energy Commission shall develop and adopt rules and regulations to reduce water use and improve water conservation measures.

8. The Department shall implement rules and regulations to reduce water use and improve water conservation measures.

9. The Department shall consult with water suppliers, environmental groups, and other partners to update water conservation measures.

10. For areas not covered by a Water Shortage Contingency Plan, the Department shall work with counties to facilitate improved drought planning for small water suppliers and rural communities.

IMPROVE AGRICULTURAL WATER USE EFFICIENCY AND DROUGHT PLANNING

11. The Department shall work with the California Department of Food and Agriculture to update existing requirements for Agricultural Water Management Plans to ensure that these plans continue to be implemented and to adequately plan for periods of limited water supply.

12. The Department shall require the implementation of Agricultural Water Management Plans by water suppliers with over 10,000 irrigated acres of land.

13. The Department shall require the implementation of Agricultural Water Management Plans by water suppliers with over 10,000 irrigated acres of land.

THE EXECUTIVE

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 9th day of May 2016.

EDMUND G. BROWN JR.
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State
Governor Brown’s May 2016 Executive Order

1. Use Water More Wisely → New Water Use Targets
2. Eliminate Water Waste → Prohibit Wasteful Practices & Address Water Loss
3. Strengthen Local Drought Resilience → Improve Water Shortage Contingency Plans
4. Improve Agricultural Water Use Efficiency and Drought Planning → Improve Agricultural Water Plans
Long Term Conservation – Not a New Concept

An act to amend and repeal Section 10631.5 of, to add Part 2.55 (commencing with Section 10608) to Division 6 of, and to repeal and add Part 2.8 (commencing with Section 10800) of Division 6 of, the Water Code, relating to water.

[Approved by Governor November 10, 2009. Filed with Secretary of State November 10, 2009.]

LEGISLATIVE COUNSEL’S DIGEST

SB 7, Steinberg. Water conservation.

(1) Existing law requires the Department of Water Resources to convene an independent technical panel to provide information to the department and the Legislature on new demand management measures, technologies, and approaches. “Demand management measures” means those water conservation measures, programs, and incentives that prevent the waste of water and promote the reasonable and efficient use and reuse of available supplies.

This bill would require the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. The state would be required to make incremental progress towards this goal by reducing per capita water use by at least 10% on or before December 31, 2015. The bill would require each urban retail water supplier to develop urban water use targets and an interim urban water use target, in accordance with specified requirements. The bill would require agricultural water suppliers to
Customized Targets

Making Water Conservation a California Way of Life

To implement Governor Brown's May 2016 Executive Order on making water conservation a way of life, the state is developing a new framework to help cities use water more wisely. The Executive Order directed the Department of Water Resources (DWR) and State Water Resources Control Board (SWRCB) to set customized water use targets for water suppliers throughout the state based on standards for indoor residential water use, outdoor irrigation, and water lost through leaks. The state is also developing a set of best practices to improve data collection and water use efficiency for commercial, industrial, and institutional water users.

Water supplier's annual water use target (gallons or gallons per capita)

Indoor residential water use
Population X gallons per person per year as set by DWR and SWRCB (1)

Outdoor irrigation
Landscaped area (based on state-provided satellite data) X water allowance per square foot based on local climate (2)

Loss through leaks
Allowable water system losses based on standard developed through new state process (Senate Bill 555)
Questions?

THANK YOU

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