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# 2015 DWR Water Conservation Drought Response Executive Order B-29-15 & Proposition I

#### CEC Staff Public Meeting on Water Energy Technology Grant Program



Diana S. Brooks Division of Statewide Integrated Water Management Water Use and Efficiency Branch www.water.ca.gov/wateruseefficiency/

#### Proposition I Overview

#### Chapter 7, Section 79746: Water Conservation & Water Use Efficiency

- Agricultural water use efficiency plans, projects and programs
- Urban Water conservation plans, projects and programs implemented to achieve urban water use targets



#### Ag Water Conservation Grants Proposed Program Approach

#### \$33 million Ag water conservation grant program

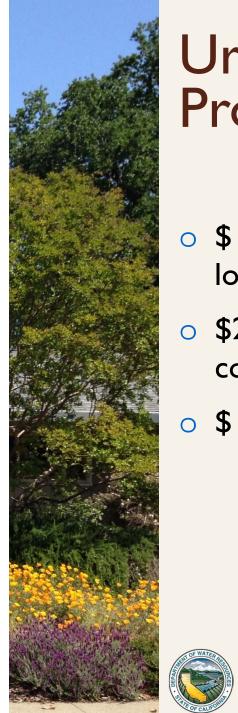


Agricultural implementation projects that result in water savings, increased in-stream flow, improved water quality, and increased energy efficiency

Drought Information

Technical Assistance, Training, Education, and Public Outreach

Feasibility Studies, Research and Development, and Pilot Projects



#### **Urban Water Conservation Proposed Program Approach**

- \$10 million for CalConserve Water conservation loans
- \$25 million for lawn replacement in underserved communities
- \$12 million for water efficient toilet retrofit rebates



#### CalConserve Revolving Loan Program

- Established by AB 2636 (2014) to provide loans for urban water use efficiency projects and programs
- \$10 million funding from Prop 1 authorized by AB 92, 2015
  - \$5 million for a pilot project for local agencies to provide water efficiency upgrades to eligible residents at no upfront costs
  - \$5 million for local agencies to provide low-interest loans to customers to finance the installation of onsite improvements to repair or replace leaking water pipes

Cap of \$3 million per project





### **DWR WUE Key Directives**

- **Directive #3:** Statewide initiative to replace 50 million square feet of lawns with drought tolerant landscapes
- **Directive #4:** Administer a time-limited statewide appliance rebate program with the CA Energy Commission (CEC)
- **Directive #11:** Update State Model Water Efficient Landscape Ordinance (MWELO)
- **Directive #12:** Additional requirements added to Agriculture Water Management Plans (AWMPs)
- Directive #13: Extends requirements to develop and submit AWMPS to agricultural water suppliers irrigating 10,000-25,000 acres.



### Turf Replacement Overview

- Implements Directive 3 of Governor Brown's April 1, 2015 Executive Order (B-29)
- Sets goal of replacing 50 million square feet of turf with drought tolerant landscaping.
- Promotes outdoor water use efficiency achieve water savings and environmental benefits and raise public awareness
- \$25 million in Prop 1 water use efficiency efforts (Ch 7, Sec 79746)
- DWR partnering with Save Our Water, California Urban Water Conservation Council, regional and local water agencies and others.



### Turf Replacement Initiative: Program Design

Three interrelated and supporting components:

- I. Rebates and Direct Installation
- 2. Commercial, Industrial and Institutional direct installation in partnership with California Conservation Corps
- 3. Statewide Campaign to promote Drought Tolerant Landscapes

Timeline: Program implemented this summer

For more information: <a href="http://www.water.ca.gov/drought">www.water.ca.gov/drought</a>



## DWR's High Efficiency Toilet Retrofit Program

- Implements Directive 4 of Governor Brown's April 1, 2015 Executive Order (B-29)
- Targets indoor water use efficiency.
- \$12 million Prop I Funds to support replacement of 60,000 inefficient toilets
- DWR partnering with CEC to leverage HET retrofit and water appliance programs.
- Program will include either or both: rebates and direct installs in partnership with the CSD.
- Program to be implemented this summer.



#### Model Water Efficient Landscape Ordinance (MWELO)Revision

- Sets maximum water budgets for new and retrofit landscapes across the State
- Executive Order B-19-25 directs the Department to revise the ordinance through expedited regulation to address 5 factors:
  - Improved irrigation efficiency
  - Greywater usage
  - Onsite storm water capture
  - Limiting turf area
  - Implementation and Enforcement Reporting



#### **Proposed MWELO Revisions**

- Lowers landscape size threshold 500 sq ft
  Increases efficiency of irrigation systems
  Limits turf by reducing water budgets
  Encourages installation of graywater systems
- Requires friable soil and application of compost in landscape areas to maximize water retention and infiltration
- New reporting requirements





#### **MWELO Schedule**

- June Public meetings on staff proposed revisions to MWELO
- July 8<sup>th</sup> Release second revision
- July 15<sup>th</sup> California Water Commission (CWC) Agenda Item – further public comment taken
- Aug 15<sup>th</sup> CWC vote on revised MWELO
- Fall 2015 Training and Outreach
- Dec 31<sup>st</sup> Implementation and Enforcement Report Due



#### AWMP Coverage and Schedule

- Prepared every 5 years by agricultural districts supplying water to more than 25,000 acres
- Next plans must be adopted by December 31, 2015 and submitted to DWR within 30 days of adoption





#### 2015 Drought Executive Order Adds AWMP Requirements

Executive Order (EO) B-29-15, Directive I2 requires AWMPs to include:

- A detailed Drought Management Plan that describes the supplier actions and measures to manage water demand during a drought.
- Quantification of water supplies and demands for 2013, 2014, and 2015 to the extent data is available.



# 2015 Drought Executive Order Extends AWMP Coverage

- Executive Order (EO) B-29-15, Directive 13, also requires
  - ag water suppliers that supply water to 10,000 – 25,000 irrigated acres to file AWMPs by July 1,2016
  - DWR to give priority in grant funding to these suppliers for development and implementation of AWMPs



# DWR Support for AWMP

- 2015 AWMP Guidebook updated for new requirements July 2015
- Notification and outreach to ag water suppliers on changes
- AWMP workshops
- Financial assistance to suppliers providing water to 10,000 – 25,000 irrigated acres contingent on funding availability
- New online submittal and public access





# Questions?

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