

# RECLAMATION

*Managing Water in the West*

## WaterSMART

Secure and Manage America's Resources for  
Tomorrow



U.S. Department of the Interior  
Bureau of Reclamation

# WaterSMART Program

- **Established by Secretarial Order 3297, February 2010 to**
  - Establish a framework to provide federal leadership and assistance on the efficient use of water
  - Integrate water and energy policies to support the sustainable use of all natural resources
  - Coordinate the water conservation activities of the various Interior offices
- **Important to Reclamation's implementation of the SECURE Water Act (P.L. 111-11, Title IX, Subtitle F)**

# Reclamation Components of WaterSMART

- WaterSMART Grants
- Basin Study Program
  - Basin Studies
  - Landscape Conservation Cooperatives
  - West-Wide Climate Risk Assessments
- Title XVI Water Reclamation and Reuse Program
- Cooperative Watershed Management Program
- Drought Response
- Resilient Infrastructure Investment



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# WaterSMART Water and Energy Efficiency Grants

- Requires a minimum of 50% non-Federal cost-share contribution
- Selected through a competitive process
- Generally must be completed within two to three years from funding date
  - Result: projects have a near-term impact on water and energy conservation and improved water management
- Grants are available to:
  - States
  - Indian tribes
  - Irrigation & water districts
  - Other entities with water or power delivery authority

# Water and Energy Efficiency Grants

## ❖ Types of projects funded:

- Install water service meters in areas where actual water is currently difficult to measure accurately
- Install soil moisture sensors
- Install new proven lining materials or technology
- Convert open canals to pipeline
- Construct wind and/or solar power generation systems



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# WaterSMART Grants

## Current Status and FY 2015 Funding

- June 9, 2014, Reclamation announced the selection of 36 new and ongoing WaterSMART Water and Energy Efficiency Grant projects, totaling \$17.8 million in FY 2014 funding
- FY 2015 FOA expected to be posted in October, 2014
  - [www.grants.gov](http://www.grants.gov)
- FY 2015 President's Budget includes \$19 million

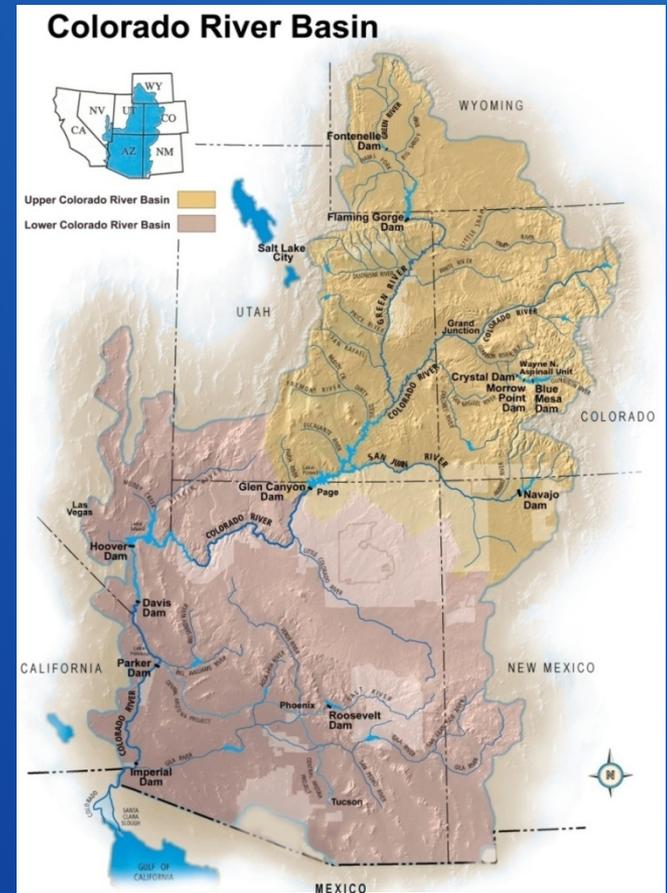


# Basin Study Program

- **West-Wide Climate Risk Assessments (WWCRAs)**
  - Baseline assessments of the risks and impacts of climate change to water supply, demand, and operations conducted by Reclamation in a consistent manner in the major Reclamation river basins. Information may be leveraged in subsequent Basin Studies.
- **Basin Studies**
  - Reclamation partners with entities with water management authority in the 17 Western States to evaluate future water supply and demand imbalances in a changing climate and develop potential mitigation and adaptation strategies to meet future demands.
- **Landscape Conservation Cooperatives (LCCs)**
  - Partnerships to develop applied science tools to help resource managers address landscape-scale challenges.

# Basin Studies

- Reclamation works *collaboratively with non-Federal partners* to evaluate current and future *water supply and demand imbalances in a changing climate* and *identify adaptation strategies* to meet future water demands.
- Eligible applicants include States, tribes, water districts, cities, and other local governmental entities with water delivery or management authority located in the 17 Western States
- Require 50/50 cost-share
- Not Financial Assistance



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# Current Status and 2015 Funding

- **On June 9, 2014 three new studies were announced for a total of \$1.8 in FY 2014 funding**
  - 1) Upper Red River Basin Study
  - 2) Missouri River Headwaters Basin Study
  - 3) Upper Deschutes River Basin Study
- **FY 2015 selection process expected to be initiated in the fall of 2014**
- **FY 2015 President's Budget includes approximately \$2 million in funding for Basin Studies**
- **Studies are selected through a 2 step competitive process**
  - Step 1 – Letters of Interest
  - Step 2 – Proposals

# Southern Rockies and Desert LCCs

- Applied Science Grants for conservation & resource management efforts at the landscape level
- FY 2014 project selections expected to be announced in late July, 2014
- FY 2015 FOA expected to be posted in January, 2015
- FY 2015 President's Budget includes approximately \$1 million in funding for Desert and Southern Rockies LCC applied science grants



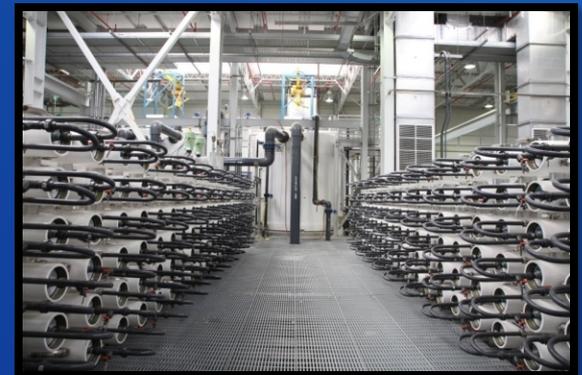
# Title XVI Water Reclamation & Reuse Program

- Reclamation may provide up to 25% of the total project cost required for congressionally authorized construction projects. Currently there are 53 authorized projects, including:
  - 7 projects authorized in 1992 as part of P.L. 102-575
  - 17 authorized as part of 1996 amendments
  - 9 projects authorized between 1998 and 2005
  - 20 projects authorized in 2008 or 2009
- Reclamation may provide up to 50% of the total cost required to complete Title XVI Feasibility Studies.

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# Current Status and 2015 Funding

- **9 Authorized Projects and 9 Feasibility Studies selected for approximately \$21.3 million in FY 2014 funding**
- **FY 2015 President's Budget includes \$21.5 million in funding for Title XVI**
- **FY 2015 authorized projects FOA expected to be posted in October, 2014**



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# Cooperative Watershed Management Program

- The goal is to improve water quality and ecological resilience and to reduce conflicts over water through collaborative conservation efforts in the management of local watersheds
- Reclamation provides financial assistance through the CWMP to form new watershed groups, to expand existing watershed groups, and/or to conduct one or more projects in accordance with the goals of watershed groups.
- FY 2014 awards expected to be announced in August, 2014

# New WaterSMART Activities

- **Drought Response and Comprehensive Drought Plans**
  - President's FY 2015 Budget includes \$1.5 million
- **Resilient Infrastructure Investments**
  - President's FY 2015 Budget includes \$1.5 million



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# Contacts

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## Basin Studies and Title XVI

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## LCCs and CWMP

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