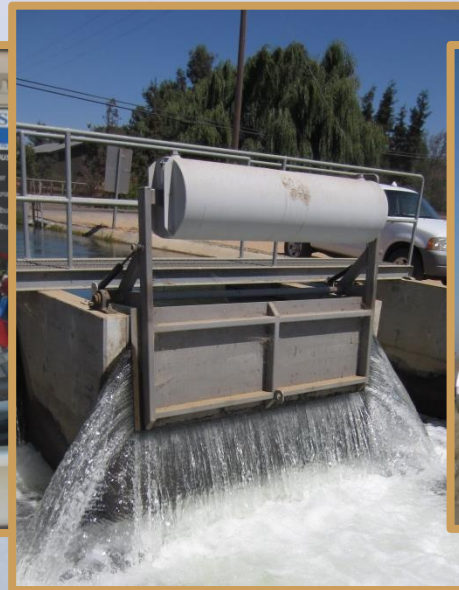
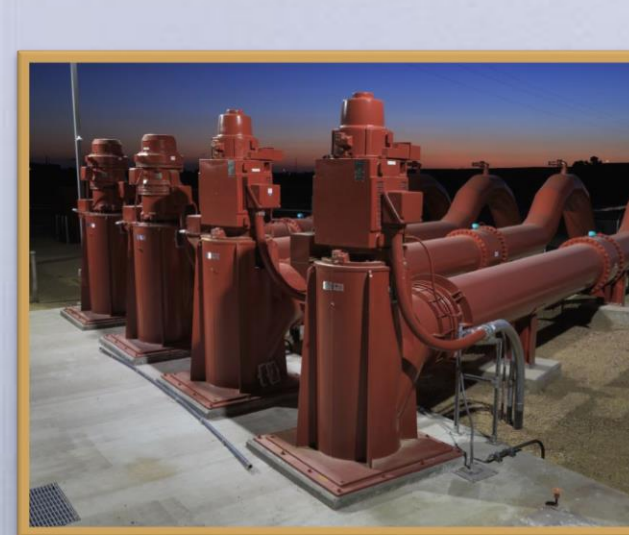


RECLAMATION

Managing Water in the West

Financial Assistance Opportunities



U.S. Department of the Interior
Bureau of Reclamation

Reclamation Financial Assistance

Grant Programs

MP Region

- Bay-Delta CALFED Water Use Efficiency
- Agricultural Water Use Efficiency

LC Region

- Water Conservation Field Services Program

Bureau-wide

- WaterSMART Grants
 - WEEG – Water Energy Efficiency Grants
 - SWEP – Small-Scale Water Efficiency Projects
 - CWMP – Cooperative Watershed Management Prog.
 - Drought
 - Water Marketing Strategy

Reclamation Financial Assistance

General Grant Information



50% project's cost and no more than \$5 million



States, tribes, irrigation and water districts, and other entities with water or power delivery authority

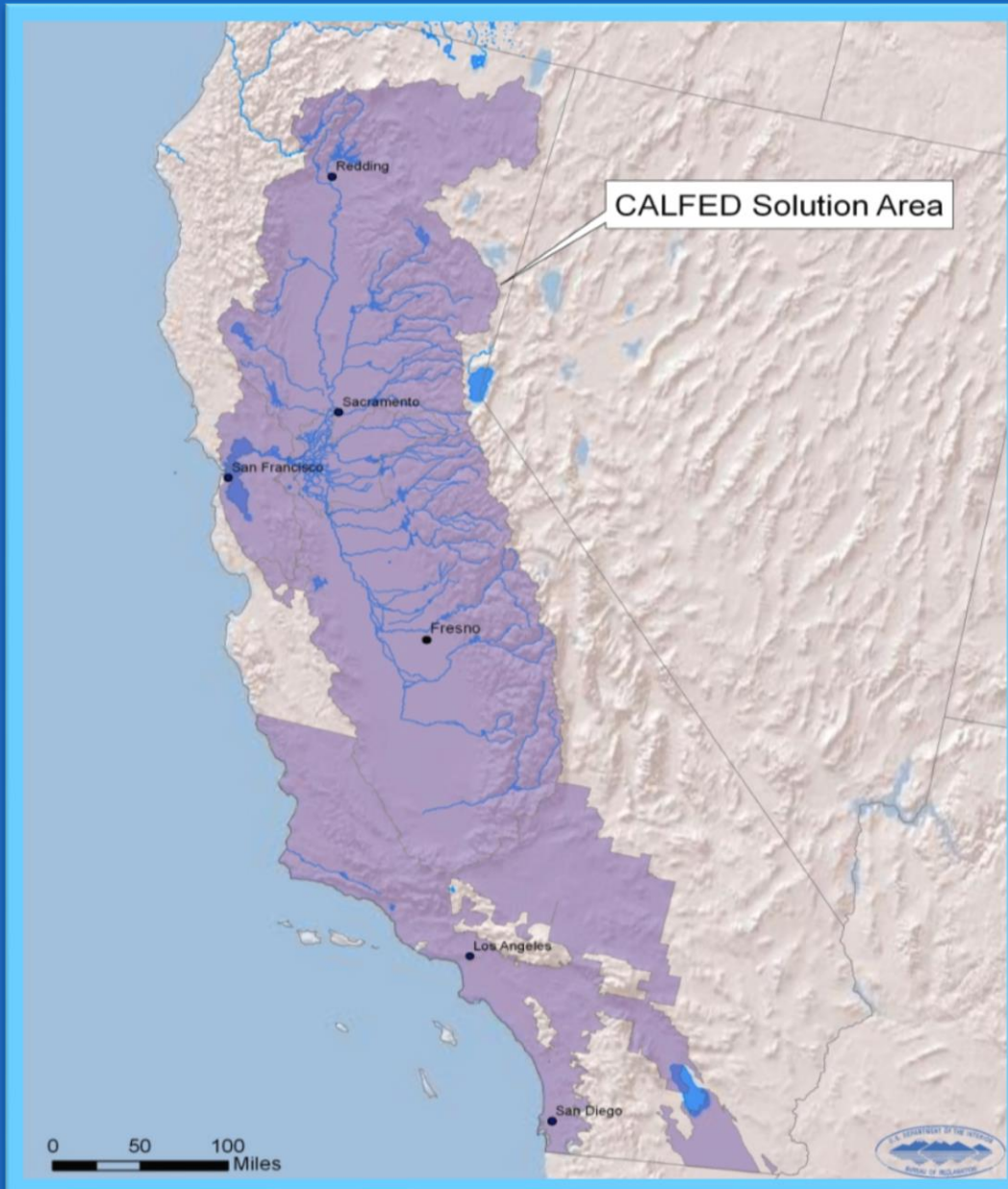


Awards made through a competitive process



Grant programs are posted on www.grants.gov

Bay-Delta CALFED Water Use Efficiency Grants



**Eligible
applicants must
be located within
the CALFED
Solution Area**

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Bay-Delta CALFED Water Use Efficiency Grants

- Accelerate the implementation of cost-effective actions through water conservation
- Significant benefits to the Delta through water quality, water supply reliability, and instream flows
- From 2010 - 2016, Reclamation awarded 60 grants; contributed to 302,492 AF conserved or better managed



EBMUD Leak Detection

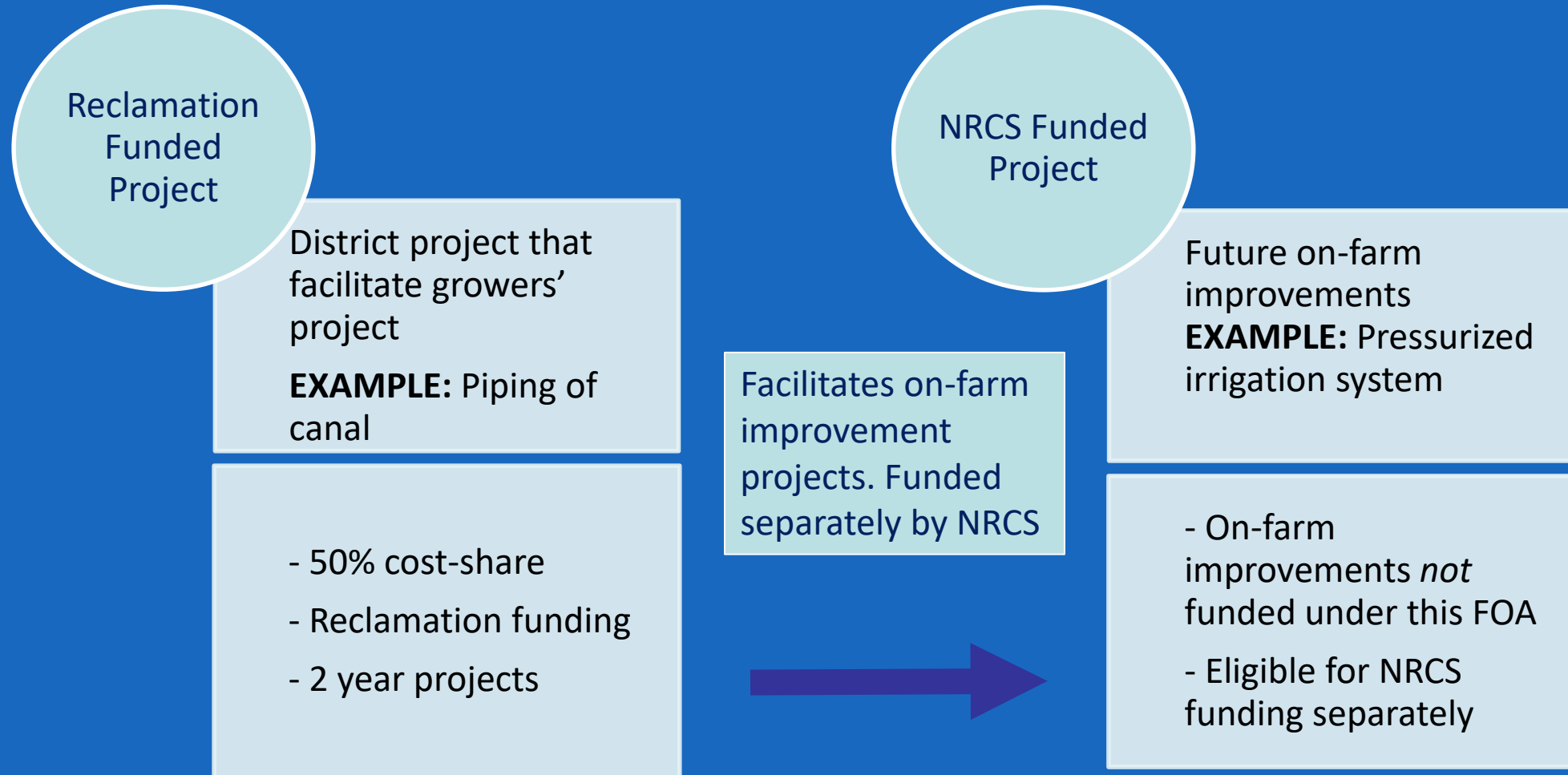
Agricultural Water Use Efficiency Grants

- Partnership with Natural Resource Conservation Service (NRCS) - Fostering District / Farmer Partnerships
- Focus on district projects that increase the capability of on-farm water conservation projects
- Encourage supplier / grower partnerships to identify district / regional needs and opportunities



South San Joaquin Irrigation Dist.

Agricultural Water Use Efficiency Grants



Agricultural Water Use Efficiency Grants

Examples of NRCS funded On-Farm Efficiency Projects:

- Conversion to more efficient irrigation systems
- Irrigation tail water collection and reuse
- Retrofit to facilitate recycled water use where allowed by water quality and food safety regulations
- On-farm irrigation system / management evaluations
- Irrigation scheduling services, software, equipment

WaterSMART Funding Opportunities

Competed Reclamation-wide (amount dependent on budget)

					
Basin Study Program	Title XVI Program	WaterSMART Grants	Water Conservation Field Services Program	Drought Response Program	Cooperative Watershed Management Program
Collaborative Planning	Water Reclamation and Reuse	Water Conservation and Efficiency	Water Conservation Planning and Design	Planning and Building Resiliency	Watershed Management and Restoration

<https://www.usbr.gov/watersmart/>

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WaterSMART – WEEG

Eligible projects fall into one or more “Tasks”

- **Task A – Water Conservation Projects**

Projects that result in quantifiable and sustained water savings or improved water management

- **Task B – Hydropower Projects**

Projects that increase the use of hydropower in managing and delivering water. Hydropower projects related to water management and delivery include, but are not limited to installing a small-scale hydroelectric facility that enables use of renewable energy sources (e.g., installing low-head hydrokinetic power generation units in a water system)

WaterSMART – WEEG

- **Funding Group 1**
 - < or = \$300,000 available per project
 - < 2 years to complete
- **Funding Group 2**
 - \$300,000.01 to \$1,500,000 per project
 - Funding is provided in phases as sufficient progress is shown each year
 - < 3 years to complete



***Ivanhoe Irrigation Dist.
69 Main Project***

FOA for FY 2020 will be posted on www.grants.gov sometime in July 2019 and close around October-November 2019.

WaterSMART – Small-Scale Water Efficiency Projects

For projects with total cost of up to \$200,000 or less

- **Eligible projects (similar to WEEG)**
 - Receive up to \$75,000 in Federal funding
 - Generally, projects should be complete in two years
- **Streamlined Application Process**
 - Rolling Application Submission
 - Simplified Evaluation Criteria
 - Clarified necessary budget documentation

WaterSMART – CWMP



- Provides funds to develop local solutions to water management needs
 - Phase 1 - Planning
 - Phase 2 - Implementation
- Purpose:
 - Improve water quality and ecological resilience
 - Conserve water
 - Reduce conflicts

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WaterSMART – CWMP Phase 1

- Up to \$100,000 in Federal funds with \$50,000 provided each year for up to two years for 100% of costs (non-Federal match is not required)
- Two Phase 1 “Task” types:
 - A – Establishment of Watershed Group
 - B – Further Development of Existing Watershed Group
- Eligible applicants include:
 - Same as above plus local governments and interstate and non-profit entities
 - Affected by water quality and quantity in a watershed
 - Capable of promoting sustainable use of water
 - Task B applicants additionally must be:
 - An existing watershed group or
 - A participant in an existing watershed group

WaterSMART – CWMP Phase 2

- Up to \$300,000 in Federal funds
- Required 50% cost share
- Limited to established watershed groups

Eligible projects:

- Improving stream structure/complexity
- Restoring/enhancing vegetation and floodplains,
- Controlling invasive species,
- Other projects that improve ecological resilience and increase water supplies for users in the watershed

RECLAMATION

Managing Water in the West

Funding Opportunity Announcement No. BOR-DO-17-F013

WaterSMART Cooperative Watershed
Management Program Phase II Grants for
Fiscal Year 2017



U.S. Department of the Interior
Bureau of Reclamation
Policy and Administration
Denver, Colorado

December 2016

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WaterSMART – Drought Grants

- Contingency Planning – up to \$200,000
- Resiliency Projects – up to \$750,000



A sign on a farm trailer reading 'Food grows where water flows,' hangs over dry, cracked mud at the edge of a farm near Buttonwillow, California, April 16, 2009.

David McNew/Getty Images

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WaterSMART – Drought Contingency Planning Grants

Drought Contingency Planning

- Develop a new drought plan or
- Update an existing drought plan

May request technical assistance from Reclamation

Required elements of drought plan (i.e., the plan will):

- Drought monitoring
- Vulnerability assessment
- Mitigation actions
- Response actions
- Operational and administrative framework
- Plan update process

WaterSMART – Drought Resiliency Project Grants

Resiliency implementation projects that help prepare for and respond to drought

- **Funding Group 1**
 - < or = \$300,000 available per project
 - < 2 years to complete
- **Funding Group 2**
 - \$300,000.01 to \$750,000 available per project
 - Funded on an annual basis
 - < 3 years to complete

FOA for FY 2020 will be posted on www.grants.gov sometime in July 2019 and close around October-November 2019.

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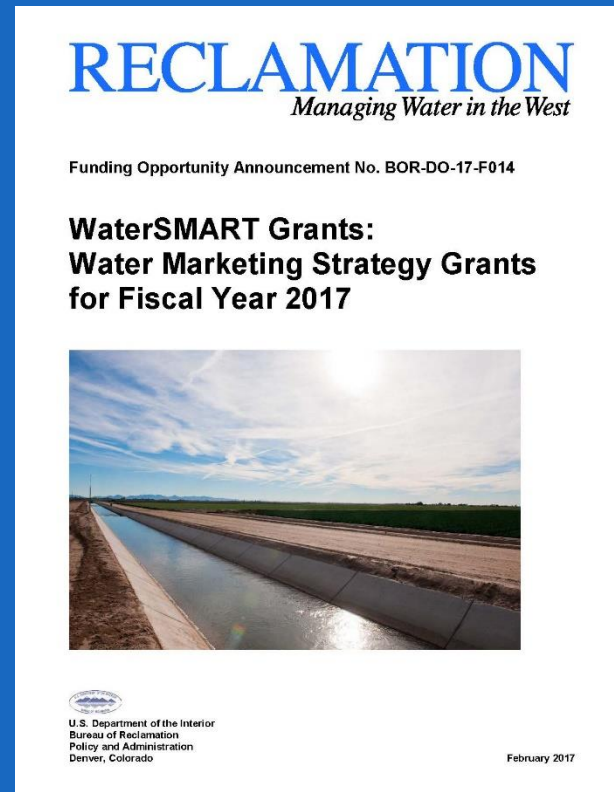
WaterSMART – Water Marketing Strategy Grants

Funding Group I: Up to \$200,000 - completed within 2 years

Funding Group II: Up to \$400,000 - completed within 3 years

A “water marketing strategy” is a framework for implementation of water marketing activities. Development of a water marketing strategy may include:

- (1) Outreach and partnership building;
- (2) Planning activities (e.g., hydrologic, economic, legal and other types of analysis);
- (3) Associated pilot activities integral to the development of a strategy -e.g., the movement of water on a pilot basis in compliance with applicable laws; and
- (4) The development of a water marketing strategy document, describing how the water marketing activities will be implemented.



RECLAMATION
Managing Water in the West

Funding Opportunity Announcement No. BOR-DO-17-F014

**WaterSMART Grants:
Water Marketing Strategy Grants
for Fiscal Year 2017**

U.S. Department of the Interior
Bureau of Reclamation
Policy and Administration
Denver, Colorado

February 2017

Quantifiable Water Savings

- Canal Lining/Piping
- Municipal Metering
- Irrigation Flow Measurement
- Landscape Irrigation Measures

Energy-Water Nexus

- Renewable energy related to water management and delivery
- Increased energy efficiency

WaterSMART Grants

Water and Energy Efficiency Grants

Increasing Water Supply Reliability

- Water Access and Conveyance System Improvements
- Aquifer Storage and Recovery
- Development of alternative water sources

Improved Water Management

- Modeling
- Decision support tools
- Measurement and Monitoring

Drought Response Program

Drought Resiliency Projects

Small-Scale Water Efficiency Projects

WaterSMART Grants

Small-scale efficiency and water management projects

- Canal Lining/Piping
- Municipal Metering
- Irrigation Flow Measurement.
- Supervisory Control and Data Acquisition (SCADA) and Automation.
- Landscape Irrigation Measures

WaterSMART Construction Opportunities

Watershed Management Projects

Cooperative Watershed Management Program

- Improving Stream Channel Structure and Complexity
- Restoring or Enhancing Floodplains and Riparian Vegetation
- Invasive Species Prevention/Control
- Water Conservation/Management to Improve Ecological Resilience

Title XVI Program

Title XVI of P.L. 102-575, as amended, provides authority for Reclamation's water recycling and reuse program

- **Authorized Projects:** Congressionally authorized Title XVI Water Reclamation and Reuse projects
- **WIIN Projects:** Water Reclamation and Reuse projects with a feasibility study approved in accordance with Reclamation Directives and Standards WTR 11-01
- **Feasibility Studies:** Studies to assist communities to determine whether water recycling and reuse projects are viable
- **Research Studies:** Funding opportunity to conduct water reclamation research under the Title XVI program

For more information, please contact

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MP – Ankur Bhattacharya at ankurbhattacharya@usbr.gov or 916-978-5348

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Water Conservation Field Services Program

- **Demonstration Projects**
- **Water Project Designs**
- **System Optimization Reviews**
- **Water Conservation Planning**



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How do I get a grant?

Checkout: www.grants.gov

Give yourself time to write the proposal!

Checkout Successful Applications:
<https://www.usbr.gov/watersmart/applications/>

RECLAMATION

How do I get a grant?

-Tips

- Apply for as many grants as you feel your agency qualifies for
- If it is a large project, consider breaking it into phases
- Don't assume that the Grantor knows you
- Focus on the Grant Evaluation Criteria. Copy them into your proposal and address each one in one section of your proposal.
- Understand the 50% non-federal funding cost-share requirement—state funding may help with this
- If your grant application does not get awarded, ask for a de-brief to help you prepare a better proposal the next year.

Most importantly, Ask for help!

RECLAMATION



www.usbr.gov/mp/watershare

- Funding Opportunity Announcements
- Previously Funded Projects
- Performance Measures
- Newsletter
- Water Management Planning Tools

www.usbr.gov/watersmart - has sample applications

www.usbr.gov/lc/socal/wtrcons.html

www.grants.gov

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Managing Water in the West

Questions?

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U.S. Department of the Interior
Bureau of Reclamation