



— BUREAU OF —  
RECLAMATION

# Reclamation Funding Opportunities

2022 Idaho Water Users Association  
David Denton & Leah Meeks

# Bipartisan Infrastructure Law Western Water Infrastructure (PL 117-58)

Water Storage, Groundwater Storage, & Conveyance Project (Sect. 40902, 40903, & 40910)

Aging Infrastructure Account (Section 40904)

Rural Water Projects

Water Recycling and Reuse Projects large-scale and traditional (Section 40905)

Water Desalination Projects and Studies (Section 40908)

Safety of Dams Program

Water SMART Grants

Watershed Management Projects – Cooperative Watershed Management Program

Aquatic Ecosystem Restoration and Protection Projects

Multi-Benefit Projects to Improve Watershed Health



# Spend Plan Bipartisan Infrastructure Law

## Bureau of Reclamation Total Bipartisan Infrastructure Law Funding

(\$ in 000s)

FY 2022

		Authorized	
<b>Water and Related Resources - Title IX</b>			
Various Projects	Water Storage, Groundwater Storage, Conveyance Projects	1,050,000	★ 210,000
Various Projects	Small Surface Water & Ground Water Storage Projects	100,000	-
Various Projects	Aging Infrastructure Account - Extraordinary maintenance for reserved and transferred works	3,000,000	★ 100,000
Milk River Project/Extraordinary Maintenance	Extraordinary Maintenance related to St. Mary's infrastructure	100,000	2,500
Various Projects	Rehab, reconstruction, or replacement of a dam under the Carey Act	100,000	
Various Projects	Rural Water Projects	1,000,000	420,000
WaterSMART/Title XVI	Water recycling and reuse projects	550,000	★ 245,000
WaterSMART/Title XVI	Large scale water recycling and reuse projects	450,000	-
Research and Development	Desalinization	250,000	15,000
Various Projects	Safety of Dams projects	500,000	★ 100,000
WaterSMART	Grants	300,000	★ 160,000
WaterSMART	Grants (IAW 9502 of Omnibus Public Land Mgmt Act)	100,000	-
Lower Colorado River Operations Program and Upper Colorado River Operations Program	Drought Contingency Plan	250,000	50,000
Upper Colorado River Operations Program	Drought Contingency Plan	50,000	-
WaterSMART/ Cooperative Watershed Management Program	Watershed management projects	100,000	★ 18,000
Aquatic Ecosystem Restoration & Protection	New Program - Aquatic Ecosystem Restoration & Protection	250,000	-
WaterSMART/ Cooperative Watershed Management Program	Multi-benefit- watershed health improvement	100,000	-
Various/Colorado River Basin projects	Endangered Species recovery and conservation programs	50,000	8,500
Reserve	Flexibility for emerging requirements		281,200
BiPartisan Infrastructure Law Administrative Activities	Administration (only if specified in bill)		49,800
<b>Water and Related Resources, Total</b>		<b>8,300,000</b>	<b>1,660,000</b>

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

# Water Storage, Groundwater Storage, and Conveyance Projects

## Eligible Projects

- Storage/conveyance projects with existing feasibility study or construction authorization
- Secretary must determine the project feasible and with benefits proportionate to federal investment.

## Cost Share

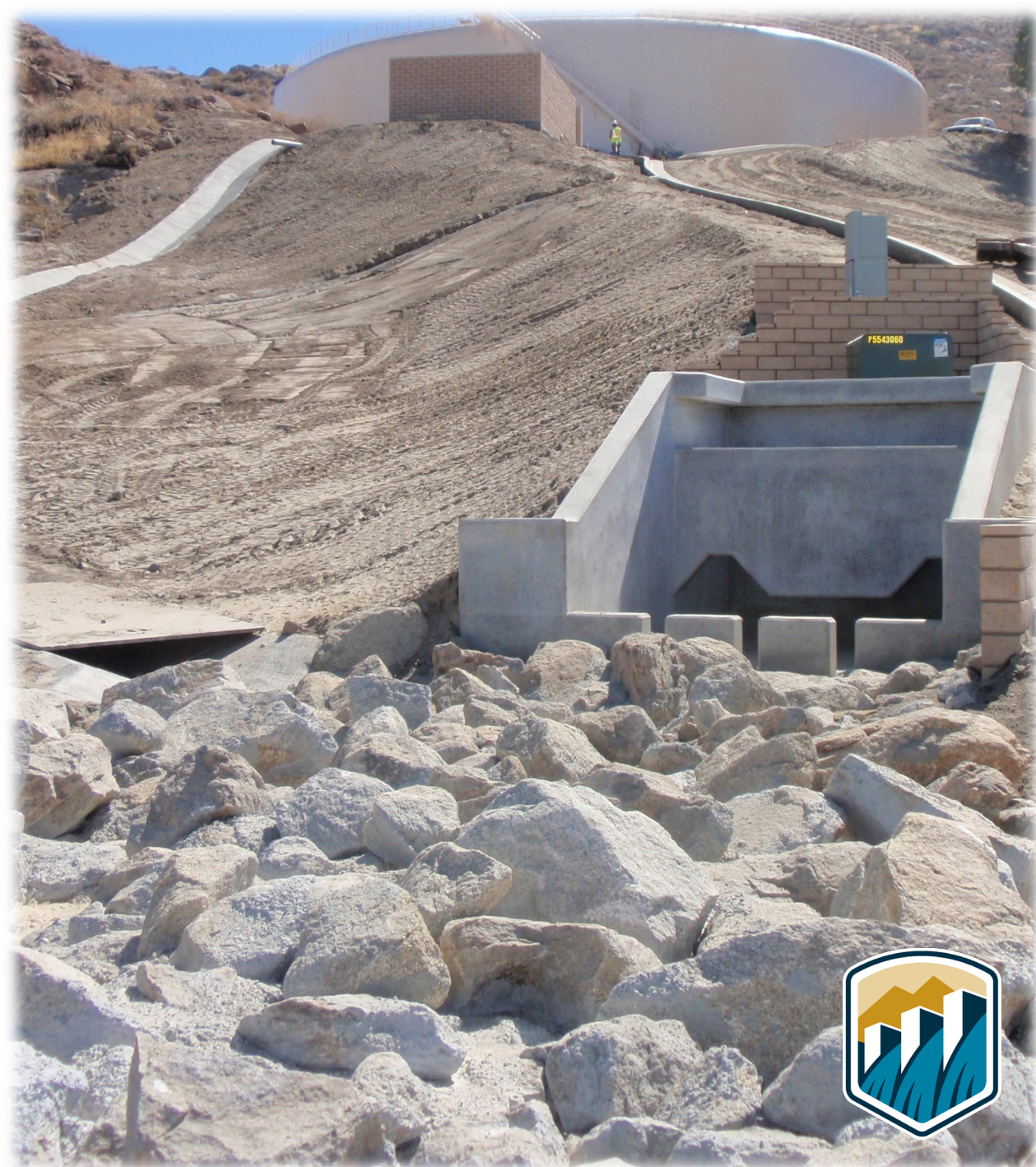
- 75% minimum non-Federal cost share required for non-Federal projects
- 50% minimum non-Federal cost share required for federally owned projects

Funding

• \$1.05B

Section

• 40901(1), 40902



# Small Water Storage & Groundwater Storage Projects

Competitive Grant Program

## Eligible Entity

- Non-Federal project sponsor in Reclamation States including Alaska and Hawaii (Indian Tribes, municipalities, water districts, NGOs, etc.)

## • Eligible Projects

- Storage capacity between 2,000 acre-feet 30,000 acre-feet; and
  - increases surface water or groundwater storage; or
  - conveys water, directly or indirectly, to or from surface water or groundwater storage.

## Cost Share

- Minimum 75% non-Federal cost share required

## Awards

- Up to 25% of total project costs
- Maximum of \$30 M per project

*Funding opportunity announcement expected in late 2022.*

Funding

• \$100M

Section

• 40901(1), 40903



# Assistance for groundwater recharge, aquifer storage and source substitution

## Eligible Entities

- Indian Tribes, States (including subdivision and departments of a State), or a public agency organized pursuant to State law.

## Eligible Projects

- Reclamation to provide technical and/or financial assistance for groundwater recharge, aquifer storage and recovery, or water source substitution for aquifer protection.
- Financial Assistance for construction: Secretary must determine the project feasible and with benefits proportionate to federal investment.
  - Projects with total estimated cost of \$500 M+ require Congressional authorization.
- Technical Assistance: Standard process.

## Cost Share

- 75% minimum non-Federal cost share required for non-Federal projects
- 50% minimum non-Federal cost share required for federally owned projects

Funding

• N/A

Section

• 40910



# Aging Infrastructure

## Eligible Projects

- Major, nonrecurring maintenance to Reclamation-owned or operated facilities, or facility components, that is—
  - intended to ensure the continued safe, dependable, and reliable delivery of authorized project benefits; and
  - greater than 10 percent of the contractor's or the transferred works operating entity's annual operation and maintenance budget for the facility, or greater than \$100,000.

## Funding Details

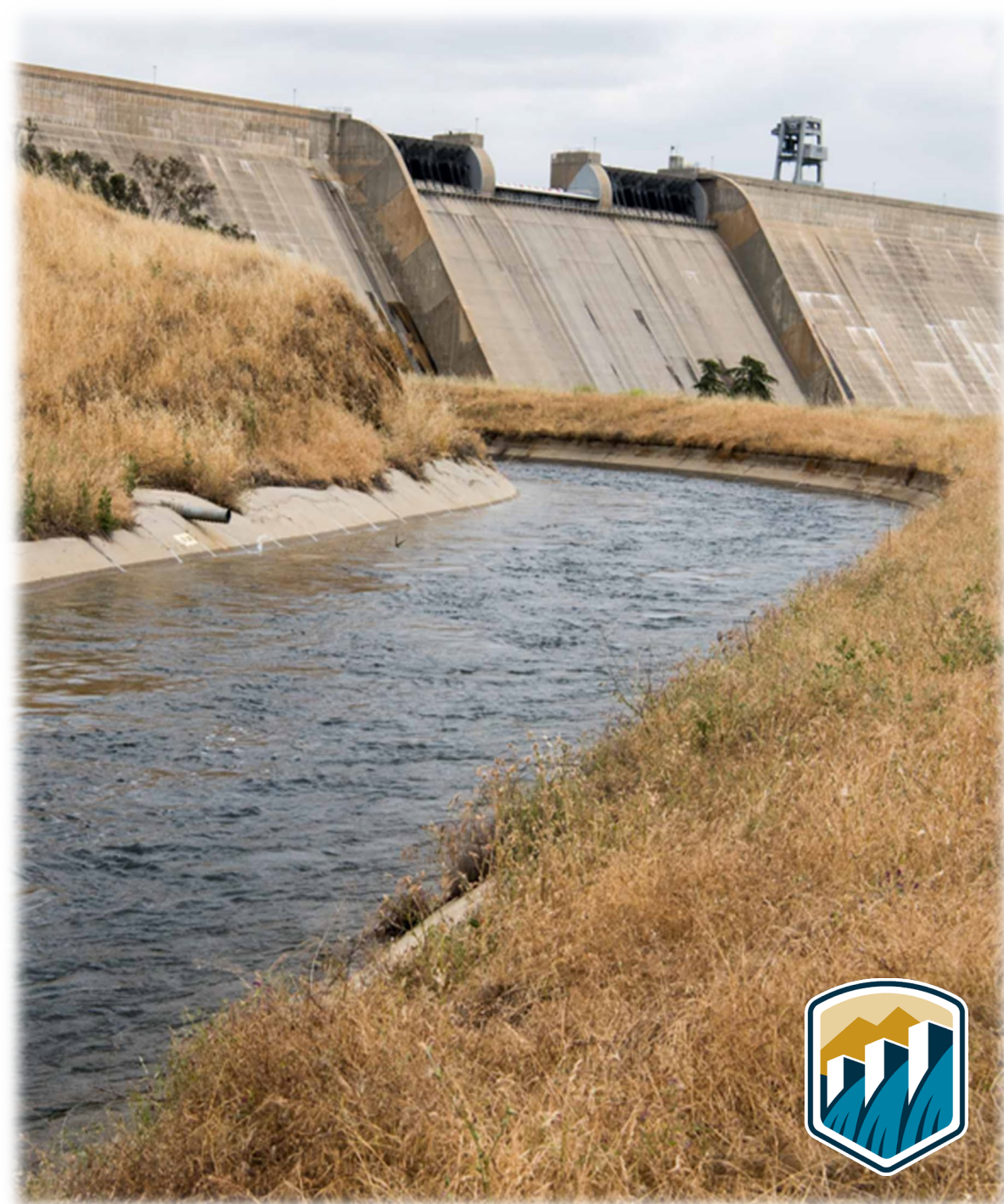
- Cost allocation based upon on project beneficiary
- Maximum repayment term of 50-years
- FY22 application period closes January 31<sup>st</sup>

Funding

• \$3.20B

Section

• 40901(2)



# Current Dam Safety Projects

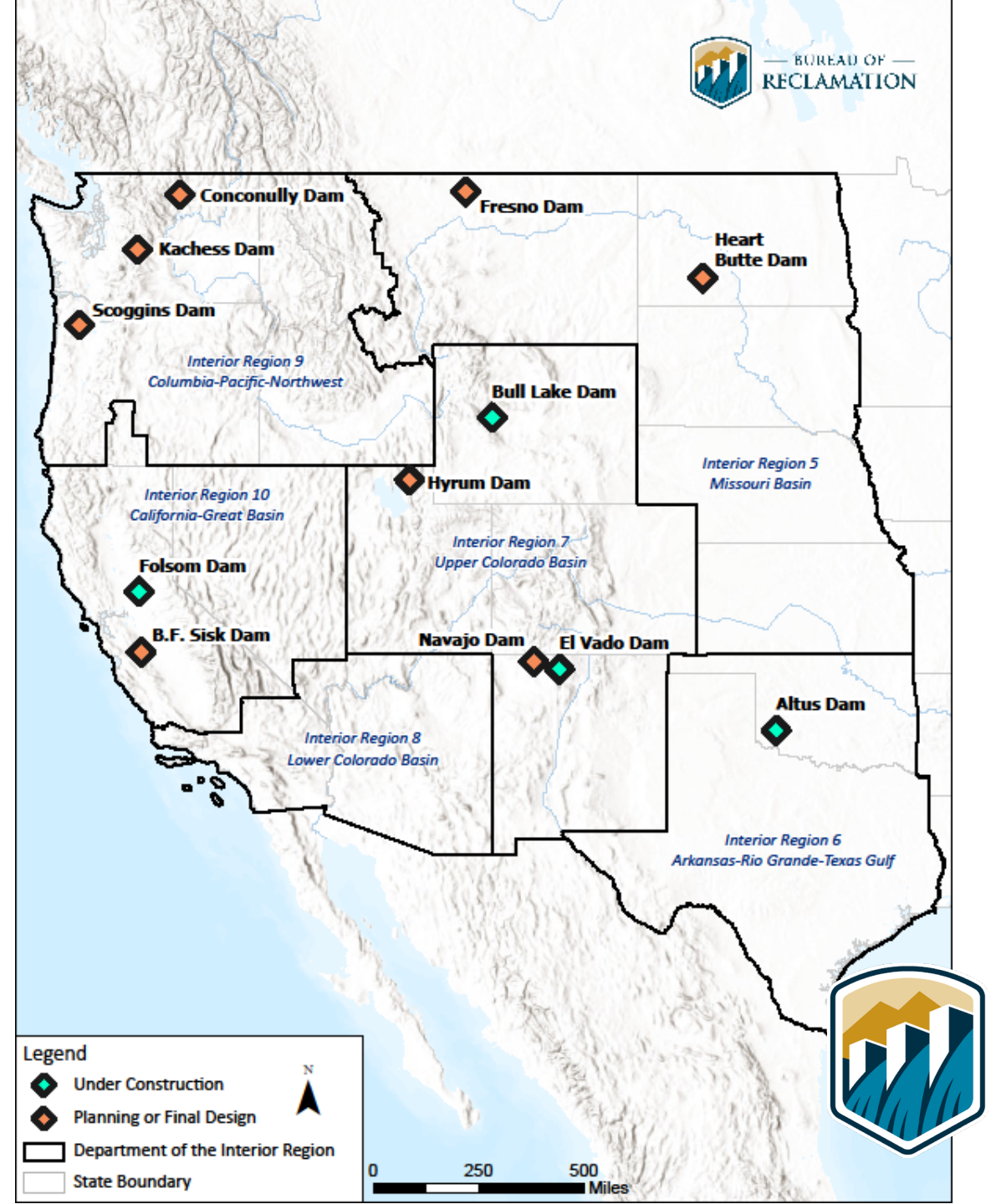
- Estimated risks exceed the Federal Guidelines for dam safety at 12 dams
- 9 construction projects scheduled

Funding

• \$500.0M

Section

• 40901(6)





# Infrastructure Funding for WaterSMART

WaterSMART Programs Receiving Infrastructure Funding		
Program Area	Funding Amount	Activities Funded
Title XVI Water Reclamation and Reuse Program	\$550 million	Water Recycling
Large Scale Water Recycling	\$450 million	Water Recycling
Desalination Projects	\$250 million	Ocean and Brackish Water Desalination
WaterSMART Grants	\$400 million	Water conservation and efficiency, renewable energy, natural and nature-based features
Cooperative Watershed Management Program	\$100 million	Watershed planning and restoration projects for watershed groups
Multi-Benefit Projects to Improve Watershed Health	\$100 million	Restoration projects to improve watershed health
Aquatic Ecosystems Restoration and Protection Projects	\$250 million	Aquatic ecosystem restoration and protection projects to improve habitat



# Title XVI

## Water Reclamation and Reuse Projects

### Eligible Project Types

- Projects that reclaim and/or reuse municipal, industrial, and agricultural wastewater; or impaired ground and surface waters.

### Funding

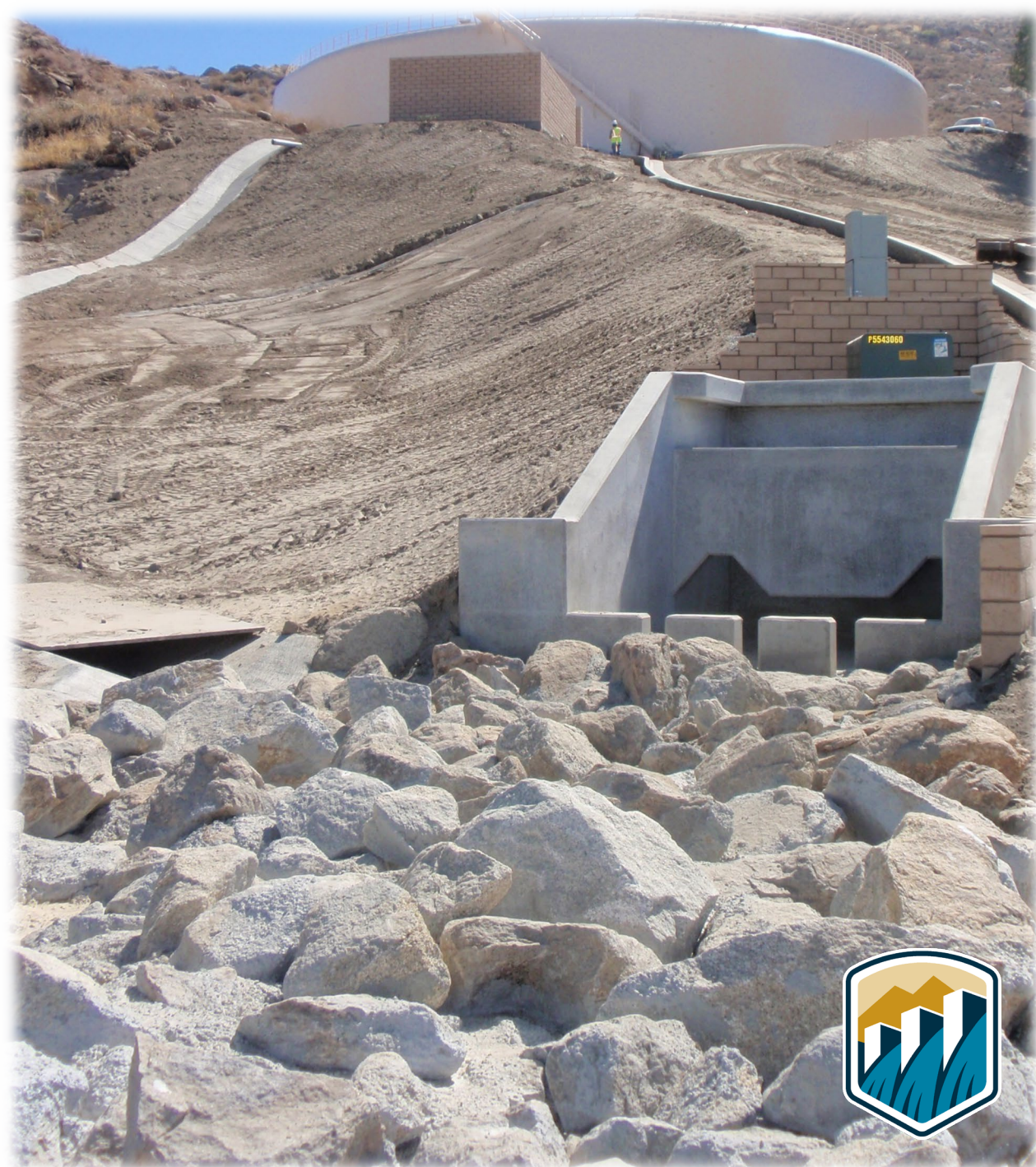
- 75% non-Federal cost share required
- Announcement open thru March 15, 2022

Funding

• \$550.0M

Section

• 40901(4), 40905



# Large Scale Water Recycling

## Eligible Entity

- States, Indian Tribes, municipalities, irrigation districts, wastewater districts, or other organizations with water or power delivery authority

## Eligible Projects

- Reclaim and reuse municipal, industrial, domestic, or agricultural wastewater; or impaired groundwater or surface water
- Total project cost of \$500 million or more
- Located in a Reclamation state

## Funding

- 75% non-Federal cost share required

Funding

• \$450.0M

Section

• 40901(4), 40905



# WaterSMART Grants

## Eligible Applicants

- States, tribes, districts, local governments, nonprofits, and regional authorities, in the 17 Western States and Territories, AK, HI and PR

## Eligible Project Types

- Water Conservation Projects
  - E.g., Canal lining/piping, municipal metering, irrigation flow measurement, and landscape irrigation measures.
- Renewable Energy Projects
  - Hydropower
  - Solar, wind energy
- Small-Scale Water Efficiency Projects

## Funding

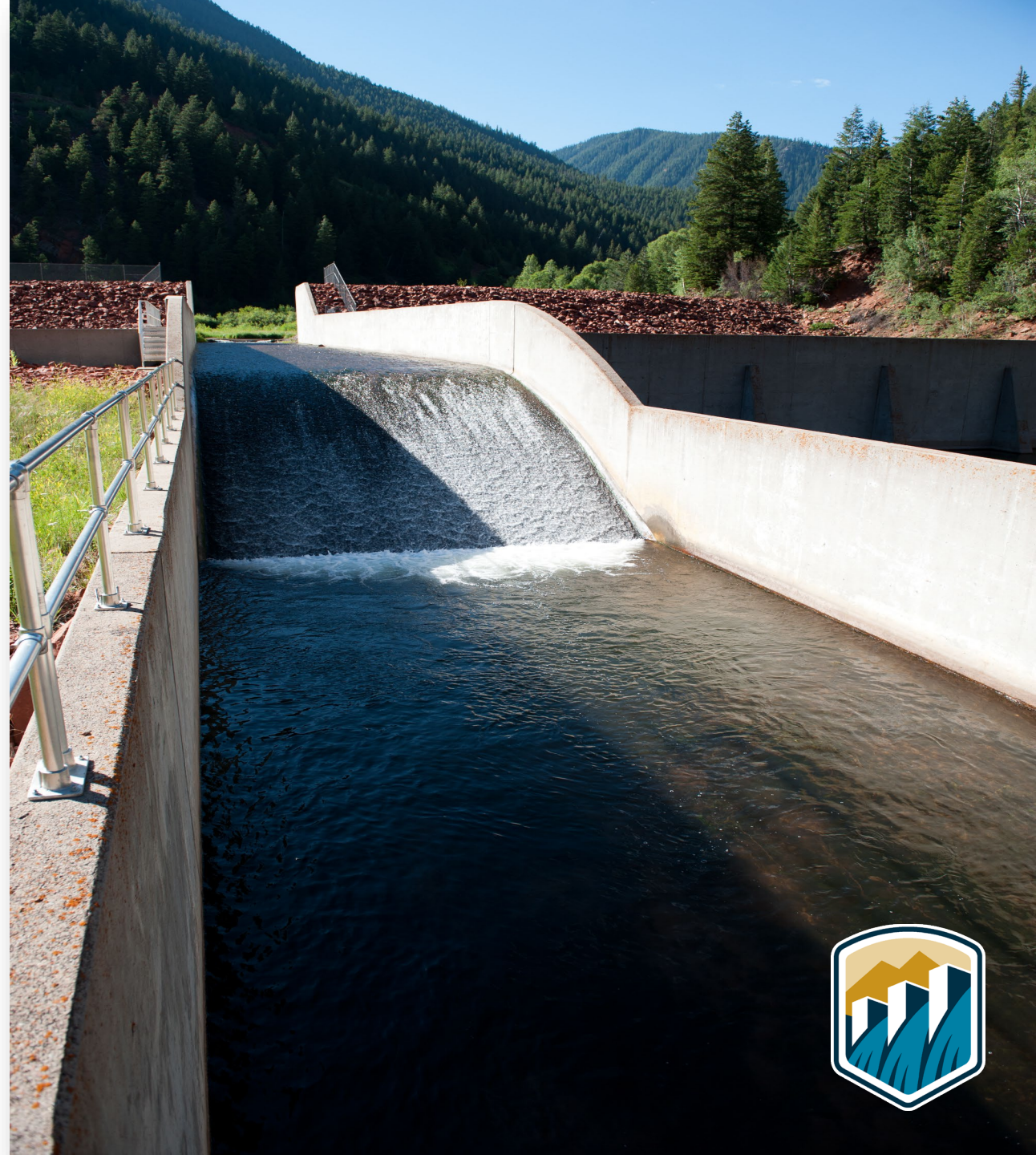
- Non-Federal Cost Share: 50% or greater

Funding

• \$400.0M – also on next slide

Section

• 40901(7)



# Environmental Water Resources Projects

## Eligible Project Types

- Water conservation and efficiency projects that increase reliability for ecological values
- Improvements to mitigate drought-related impacts to ecological values
- Watershed management or restoration projects benefitting ecological values
- Projects to improve the condition of a natural feature or nature-based feature

## Funding

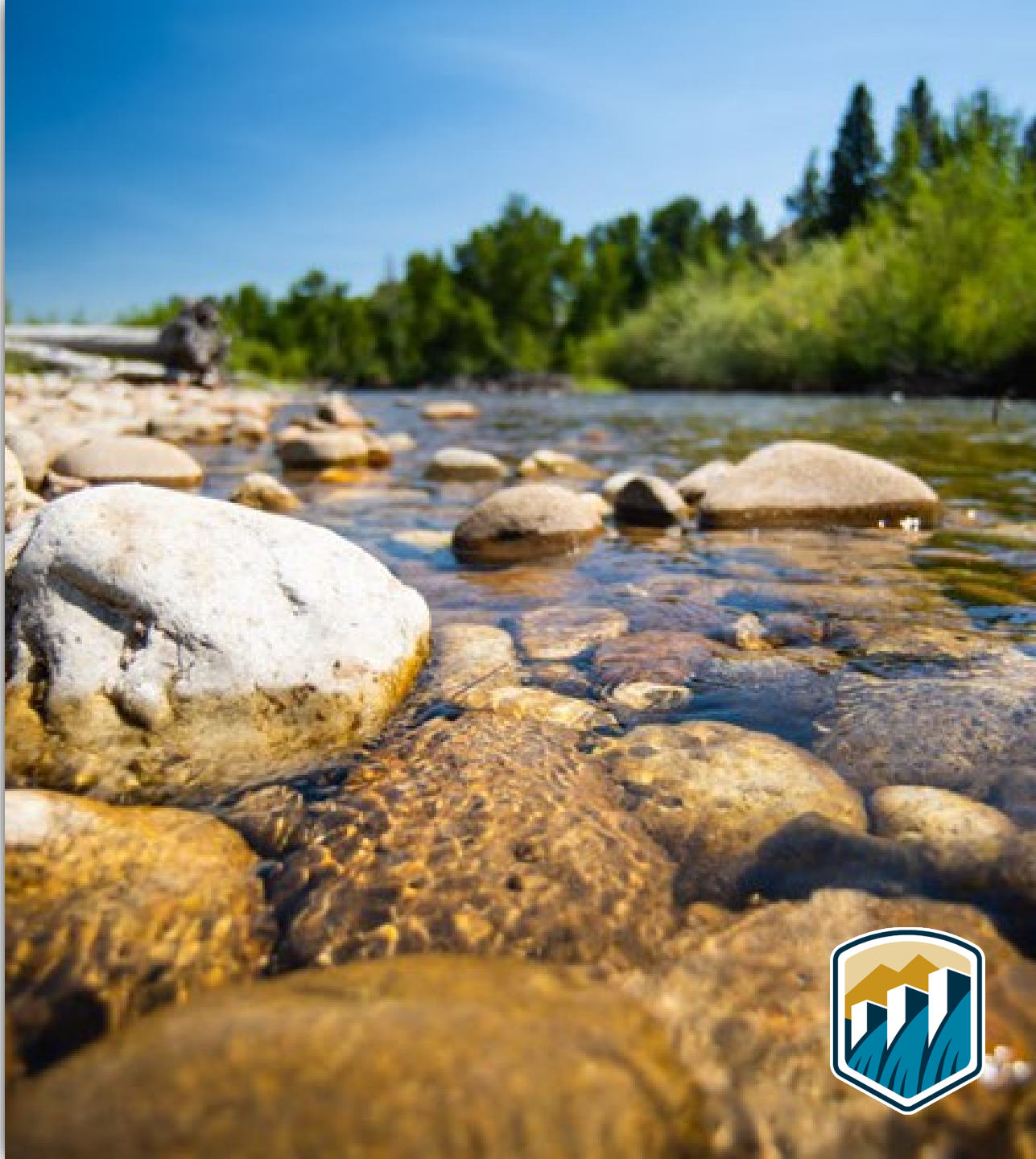
- Federal funding comes from WaterSMART Grants and Cooperative Watershed Management Program (CWMP)
- Non-Federal Cost Share: 25% to 50%

Funding

- \$400.0M (WaterSMART Grants)
- \$100.0M (CWMP)

Section

- 40901(7)(9)



# Multi-Benefit Projects to Improve Watershed Health

## Eligible Project Types

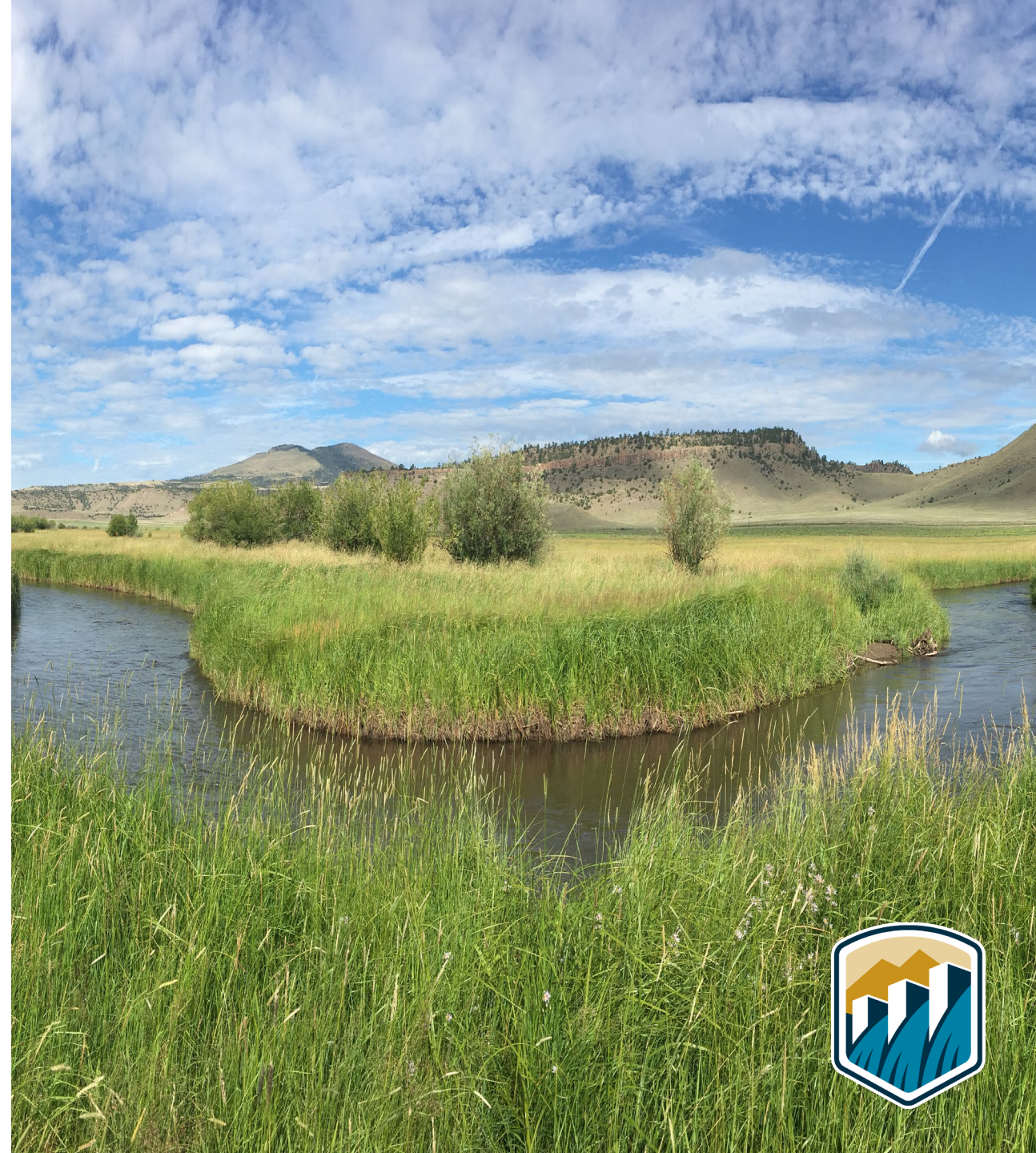
- Design, implementation, and monitoring
- Habitat restoration projects that improve watershed health
- In basins impacted by a Reclamation project

## Funding

- Non-Federal Cost Share: 25% or 50%

*Note: This is a new competitive program currently under development*

Funding	• \$100.0M
Section	• 40907 & 40901(11)



# Aquatic Ecosystem Restoration and Protection Projects

## Eligible Project Types

- Design, study, and construction
- Aquatic ecosystem restoration and protection projects
- To improve habitat, including restoration, passage, or removal of barriers

## Funding

- Non-Federal Cost Share: 35%

*Note: This is a new competitive program currently under development*

Funding

• \$250.0M

Section

• 40901(10)



# WaterSMART Program Grants

## Planning

- Drought Contingency Plans
- Cooperative Watershed Management Program
- Water Marketing Strategy Grants
- Water Conservation Field Services Program
- Basin Studies

## Science and Tools

- Applied Science Tools
- Reservoir Operations Pilots
- Water Management Options Pilots
- Drought Resiliency Projects

## On-the-Ground Projects

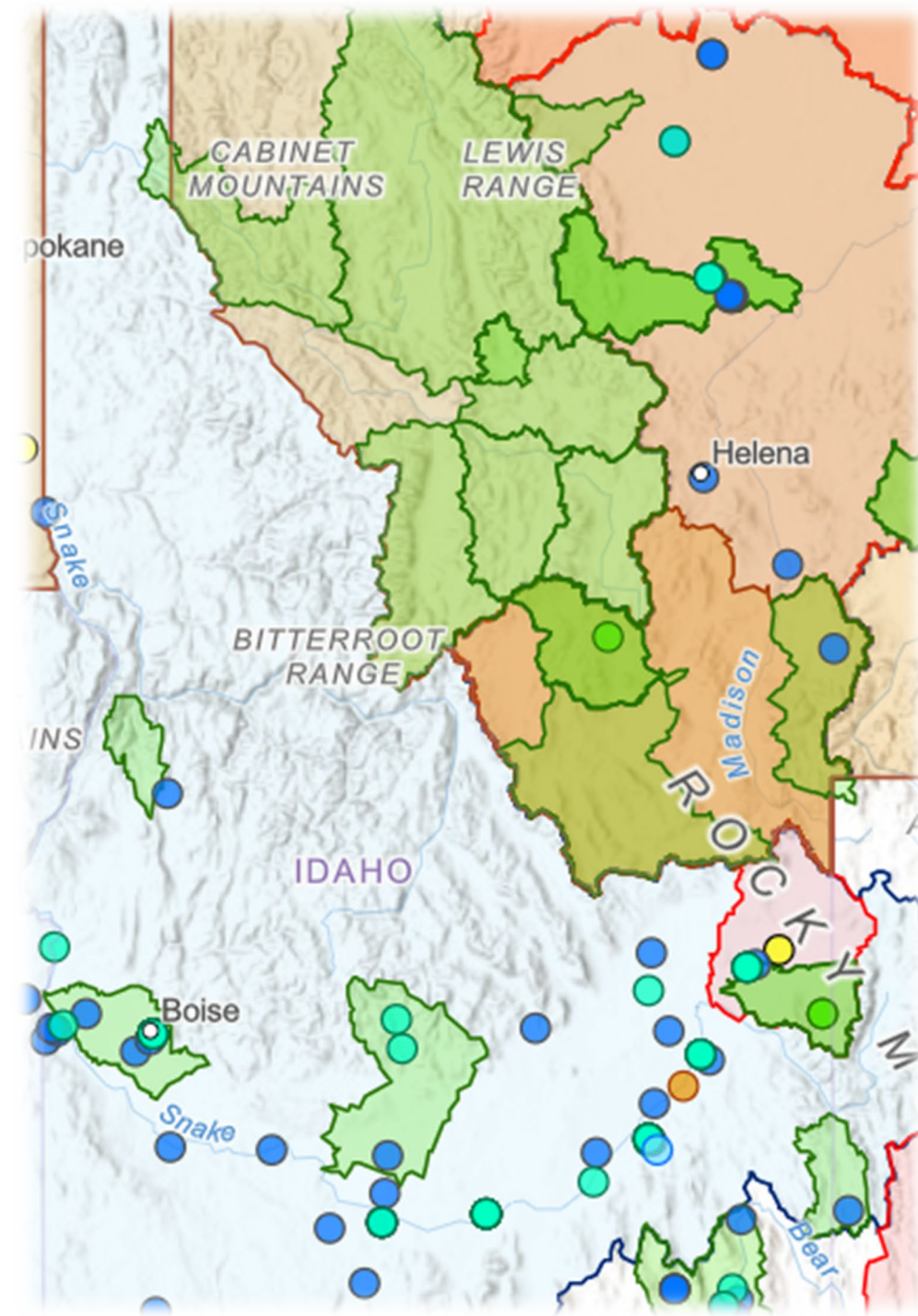
- Drought Resiliency Projects
- Water and Energy Efficiency Grants
- Small-Scale Water Efficiency Projects
- Environmental Water Resources Projects
- Title XVI





# WaterSMART in Idaho

Over \$17 million in federal funds through Reclamation's Water Conservation Program to entities in Idaho



# Cost Share

- Percent on non-federal dollars the recipient must provide
- Most WaterSMART Programs require 50-50 cost share
- How you can match federal funds
  - Cash
  - Loan programs
  - State or local funding
  - Labor and equipment use
  - In-kind costs
- Do not need to have this secured to apply



# Environmental and Cultural Compliance

- NEPA and cultural resources
- DO NOT start work on the project scope until you have received a Notice to Proceed that compliance is complete
- Get an estimate from Reclamation for your application
- Compliance costs up to a threshold will be paid 100% by Reclamation, then cost-shared above the threshold



# Water Conservation Field Services

## Eligible Projects

- Water Management and Conservation Plan Development
- System Optimization Reviews
  - Can include O&M planning activities
- Design of Water Management Improvements
- Demonstration Projects

## Funding

- Funding: \$25,000 per project
- Funding Opportunity: within the next two weeks – April 29, 2022




# Cooperative Watershed Management Program

## Eligible Projects

- Watershed group development
- Restoration planning
- Restoration project design

## Funding

- No cost-share required
- Up to \$100,000 in federal funding
- Funding Opportunity January 2022



### Why is this Plan Needed?

At an October 2011 Boise River Workshop, over 120 participants identified the most important next step to enhance the Boise River; "Continue this group and develop a plan."

In early 2011, interested local stakeholders came together to plan a workshop on environmental enhancement opportunities on the Boise River. All interested individuals and organizations were welcome to participate to foster an open and inclusive planning process. An Organizing Committee that included non-profit and for-profit staff, volunteers and agency representatives agreed on the goal of the workshop, "To increase opportunities for public and private ecosystem enhancement of the Lower Boise River by establishing networks, building knowledge, envisioning possibilities and tackling challenges."

The workshop, titled "From Vision to Reality," brought 106 of the area's practitioners, experts, academics, decision makers, and active citizens together for a substantive discussion about the challenges and opportunities for environmental enhancement of the Boise River. The results of the workshop, as measured from breakout session input and an online survey, identified key enhancement goals and interests, challenges to enhancement, approaches to enhancements and key next steps. Participants identified that the most important next step to enhance the Boise River was to "Continue this group and develop a plan."

Following the workshop, a group of interested organizations came together to form the Boise River Enhancement Network (BREN). This group received a grant from the Bureau of Reclamation's WaterSMART program to establish a watershed group and write a watershed enhancement plan. BREN then used the results of the workshop to design a process and to identify key subject areas on which to focus the effort. This plan is a result of these efforts to provide the essential next step in the enhancement of the Boise River.

### Approaches to Restoration

Please rate the following approaches to restoration/enhancement on the Boise River (Preferred, Acceptable, Of Limited Use, Unacceptable).

Approach	Preferred	Acceptable	Of Limited Use	Unacceptable
Watershed-scale, integrated plan with guided restoration efforts	70%	19%	8%	2%
Actions funded through existing federal agency programs	31%	19%	3%	21%
Efforts mandated as mitigation for activities related impacts	19%	40%	2%	33%
Opportunistic actions determined by landowner interests and desires	17%	44%	5%	33%



# Drought Contingency Planning

## What Plans Address?

- How we recognize the next drought?
- How will drought affect us?
- How can we protect ourselves from the next drought?
- How might hydrologic risks and uncertainties exacerbate/affect drought?

## Funding

- up to \$200,000 per project
- Funding Opportunity February 2022



# Drought Resiliency Projects

## Eligible Projects

- Infrastructure improvements
  - modifications, water storage, recharge, and alternative supplies
- Decision support tools
  - drought forecasting tools
  - water measurement
  - monitoring equipment

## Funding

- Funding Opportunity April 2022
- Group I: \$500,000; 2 yrs
- Group II: \$2,000,000; 3 yrs



# Water and Energy Efficiency Grants (WEEG)

## Eligible Projects

- Canal lining and piping
- Flow measurement
- SCADA and automation
- Hydropower



## Funding

- Funding opportunity March 2022
- Group I: \$500,000; 2 yrs
- Group II: \$2,000,000; 3 yrs

## Other Considerations

- Points for connection to on-farm projects funded by NRCS
- Can phase projects over multiple grants
- Quantify water savings





# Small-Scale Water Efficiency Program (SWEPP)

## Eligible Projects

- Canal lining and piping
- Flow measurement
- SCADA and automation

## Funding

- Up to \$75,000 for each grant
- Project ceiling of \$250,000
- Funding Opportunity February 2022



# Environmental Water Resources Projects

## Eligible Projects

- Focus on water supply for ecological values
  - Water conservation and efficiency projects
  - Improvements to mitigate drought-related impacts
  - Watershed management or restoration projects
  - Improve conditions of natural feature or nature-based feature

## Funding

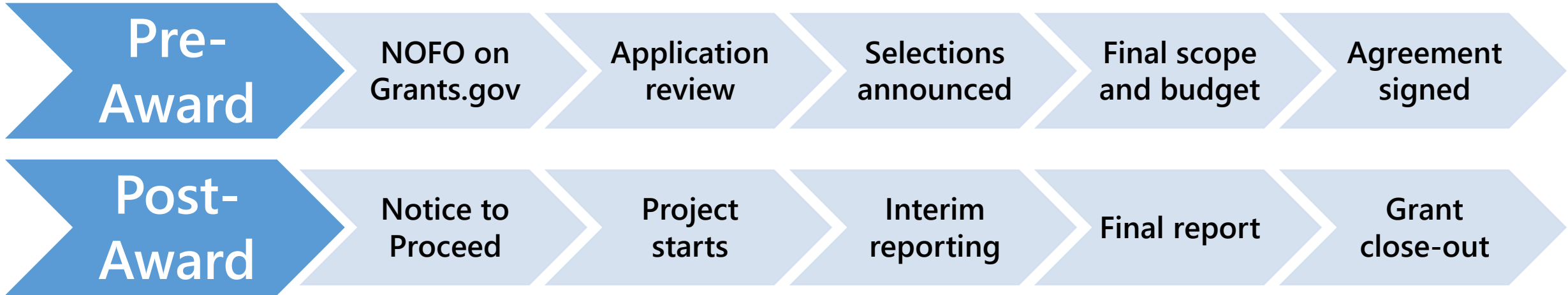
- Funding opportunity May 2022
- Up to \$2,000,000 per project
- 3 years
- Up to 75% federal cost-share

## Other Considerations

- Collaborative process
- Nonprofit conservation organizations are eligible



# WaterSMART Process



[www.usbr.gov/bil](http://www.usbr.gov/bil)

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