Bipartisan Infrastructure Law
Western Water Infrastructure
Public Law 117-58
Listening Session 1 of 3
Listening Session

December 10, 2021

- Safety of Dams
- WaterSMART Programs
- Colorado River DCP & Endangered Species Recovery
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 & Aquatic Ecosystems

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

Funding opportunity expected early in calendar year 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
Water Desalination

Eligible Project Types
- Ocean or brackish water desalination projects

Funding
- 75% non-Federal cost share required

*Funding opportunity expected early in calendar year 2022*

<table>
<thead>
<tr>
<th>Funding</th>
<th>$250.0M</th>
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<tr>
<td>Section</td>
<td>40901(5) and 40908</td>
</tr>
</tbody>
</table>
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 Section
  - $400.0M – also on next slide
  - 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

<table>
<thead>
<tr>
<th>Funding</th>
<th>• $100.0M</th>
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<td>Section</td>
<td>• 40907 &amp; 40901(11)</td>
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</table>
Aquatic Ecosystem Restoration and Protection Projects

Eligible Project Types
• Design, study and construct
• 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)
Colorado River Basin Drought Contingency Plan (DCP)

• Goal of DCP is to reduce the risk of Lake Mead and Lake Powell reaching critically low elevations

• Key Elements of the DCP
  • Requires additional water savings contributions by Lower Basin States
  • Allows for flexibility for water storage and recovery to incentivize conservation
  • Requires Reclamation to implement programs designed to create or conserve additional water in the Lower Basin
  • Provides for Drought Response Operations and Demand Management in the Upper Basin

Funding

• $300.0M
• $50.0M Upper Basin DCP

Section

• 40901(8), 40906
Colorado River Basin Endangered Species Recovery and Conservation Programs

• **Upper Colorado Basin Programs**
  • Upper Colorado River Endangered Fish & San Juan River Basin Recovery Implementation Programs
  • Glen Canyon Dam - Adaptive Management Program

• **Lower Colorado Basin Programs**
  • Lower Colorado River Multi-Species Conservation Program

Funding

- $50.0M

Section

- 40901(12)
Questions

• Next Session is on December 17, 2021
  • BIL Sections 40902 (water storage and conveyance), 40903 (small storage and groundwater) and 40910 (aquifer storage and source substitution)

• Third Session is on January 7, 2021
  • Sections 40901 (authorization of appropriations, all), 40904 (critical maintenance/aging infrastructure), 40909 (use of coronavirus recovery funds) and Division G (Indian Water Rights Settlement Completion fund)