



Water Infrastructure Improvements for the Nation (WIIN Act of 2016):

Federal Funding Opportunities
for Water Recycling & Reuse

Jayne Strommer, Delta Diablo



TRANSFORMING WASTEWATER TO RESOURCES

WIIN Act – P.L. 114-322

S. 612, passed 114th Congress 12/10/2016

Signed by President Obama 12/16/2016

- Includes 4 titles
 - I) Water Resources Development
 - II) Water and Waste Act of 2016
 - III) Natural Resources
 - IV) Other Matters

WIIN Act – P.L. 114-322



General Title Contents

- I) Water Resources Development (Army Corps of Engineers projects)
- II) Water and Waste Act of 2016 (Safe Drinking Water, DAC and small communities; Flint, MI disaster relief; coal combustion residuals)
- III) Natural Resources (tribal & natural resource issues; water desalination; California Water)
- IV) Other Matters (misc., incl. WIFIA)

WIIN Act – P.L. 114-322



Natural Resources Title Subtitle J – California Water

- Section 4009 “Other Water Supply Projects”
 - (c) Authorization of New Water Recycling and Reuse Projects

New Water Recycling and Reuse Projects



Creates
a new
grant
funding
program
under
Title 16

- Bureau of Reclamation administered
- No prior project authorization needed for eligibility
- Authorizes \$50 M to program
 - 25% Federal share
 - Planning, design & construction
- Appropriation still needed
 - Legislation will designate funding for specific projects

New Water Recycling and Reuse Projects



Specified Process and Timing

- w/in 60 days, Reclamation release Feasibility Study Guidelines
 - 2/10/17 D&S released w/minor revisions
 - Essentially same T16 guidelines updated
- Secretary (of Interior) reviews Studies
- w/in 180 days of study receipt, submits report to House & Senate committees
 - Describes results of study review;
 - Lists any recommendations from Secretary; &
 - Any conditions required for construction.
- If Feasible, eligible to apply

New Water Recycling and Reuse Projects



New Competitive Grant Program: Priority for Funding

- Location
 - Project located in area experiencing severe, extreme or exceptional drought at any time in 4-year period before funds are made available
 - Designated disaster area in 4-year period....
- Criteria (meet 1 or more)
 - Likely to provide more reliable water supplies;
 - Likely to increase water management flexibility & reduce impacts on environmental resources from projects operated by Fed & State agencies
 - Regional projects
 - Multiple stakeholders
 - Multiple benefits

New Water Recycling & Reuse Projects



Next Steps

- Reclamation contacting sponsors with approved Feasibility Studies
 - Determine project status & timing
 - Interest in Secretary submitting in report
- Reclamation to develop guidelines/Funding Opportunity for new competitive grant program
 - Eligible entities apply
 - Details & Timing TBD

Title III, Subtitle H – Water Desalination



Sect. 3801. Reauthorization of Water Desalination Act of 1996

- Expands language, prioritizing research areas
 - Reduce energy consumption; reduce environmental impacts; improve RO technology; portable; renewable energy powered...
- Gives priority funding for development projects that:
 - Are in drought-stricken areas; reduce reliance on imported water supplies that have impact on endangered species; leverage international experience;...)
- Reauthorizes funding through 2021

Title III, Subtitle J



Water Desalination Act Amendments

- Secretary of Interior – 25% federal participation in an “eligible desalination project”
 - Ocean or brackish; State, subdivision or public agency; provides federal benefit
 - \$30 M authorized
 - Participation requires request by Governor or listed in State-approved plan
 - Project is feasible
 - Sufficient non-federal funds

WIFIA Amendments in WIIN

Water Infrastructure Finance & Innovation Act of 2014



Sect. 5008 Adds language expanding eligible projects

- ...desalination project, “including chloride control”
- ...water recycling project, “or a project to provide alternative water supplies to reduce aquifer depletion”
- “A project to prevent, reduce, or mitigate the effects of drought, including projects that enhance the resilience of drought-stricken watersheds”

WIFIA Amendments in WIIN



Amends WIFIA Program Terms

- Allows for the financing of fees as part of the loan
- Allows costs (incl. in-kind) incurred before securing loan to be credited toward the required 51% project costs provided by other sources

WIFIA Amendments in WIIN



Adds Statement

- It is the sense of Congress that -
 - (1) Appropriations made available to carry out WIFIA should be in addition to robust funding for the State water pollution control revolving funds and State drinking water treatment revolving funds
 - (2) The appropriations made available for the funds referred to in paragraph (1) should not decrease for any fiscal year.

Title II, Subtitle A, Sect. 2101



Adds Statement

- “It is the sense of Congress that Congress should provide robust funding of capitalization grants to States to fund those States’ drinking water treatment revolving loan funds....and the State water pollution control revolving funds...”

Contact Information

Jayne Strommer

JayneS@deltaDiablo.org

(925) 756-1910