

American Recovery and Reinvestment Act: Status and Progress of Water Investments

Presented to:
Water and Wastewater Equipment Manufacturers Association
and
Associated General Contractors

November 13, 2009





Outline



1. American Recovery & Reinvestment Act (ARRA)
Purposes & Infrastructure Funding
2. State Revolving Fund Process & Chronology
3. Buy American Waiver Requests
4. Bottom Line



ARRA Purposes & Funding



- Preserve & create jobs
- Promote economic recovery
- Assist people most impacted by recession
- Provide investments needed to increase economic efficiency spurring technological advances
- Invest in . . . environmental protection . . . providing long-term economic benefits
- Stabilize state and local government budgets . . . to avoid reductions in essential services

ARRA Funding: Clean Water SRF - \$4 Billion
Drinking Water SRF - \$2 Billion



Water Infrastructure Need



- Infrastructure needs over 20 years
 - Wastewater (2004): \$202 Billion
 - Drinking Water (2007): \$335 Billion
- Clean Water and Drinking Water State Revolving Funds cumulatively financed
 - \$68 Billion in wastewater infrastructure (since 1987)
 - \$15 Billion in drinking water infrastructure (since 1996)



ARRA Used Successful SRF Financing Process



- To address requirements of the Act, added processes to SRF for:
 - American iron & steel and manufactured goods
 - Additional subsidization
 - Green, water & energy efficient, & innovative technology
 - Davis-Bacon wages
 - Reporting

Federal-State-Local Processes and General Chronology

States

- 2 - Solicitation for Interested Applicants & "Green" Projects
- 4 - Project Ranking
- 5 - Intended Use Plan Development
- 6 - Public Input to Intended Use Plan
- 7 - Env'l Board/Commission Approval
- 8 - Capitalization Grant Application Preparation
- 13- Detailed Application Review
- 14 - Environmental Review
- 15 - Plans and specifications approved
- 16 - Binding Commitment
- 21 - Loan Closing

EPA

- 1 - Guidance
- 9 - Project Review
- 10 - Grant Review/Award
- 11 – Provide support To states Throughout process



Utilities

- 3 -Submit interest statement and application
- 12 - Plans and specifications developed & submitted
- 17 - Issue Request for Bids
- 18 - Bid Review and Selection
- 19 - Utility Board/Commission Approval
- 20 - Contract Signed
- 21 - Loan closing





Process Factors



- Many projects in bid process now OR will be in bid process soon
- More complex projects often involving treatment are in bid “pipeline”
- Activity expected to increase substantially in November-December-January



SRF/ARRA Projects



- Clean Water – 856 reported/1512 expected
Major categories reported:
 - Secondary Treatment
 - Advanced Treatment
 - CSO Correction
 - Sewer System Rehabilitation
 - New Collector and Interceptor Sewers
- Drinking Water – 667 reported/1425 expected
Major categories reported:
 - Transmission and Distribution
 - Treatment
 - Storage
 - Source



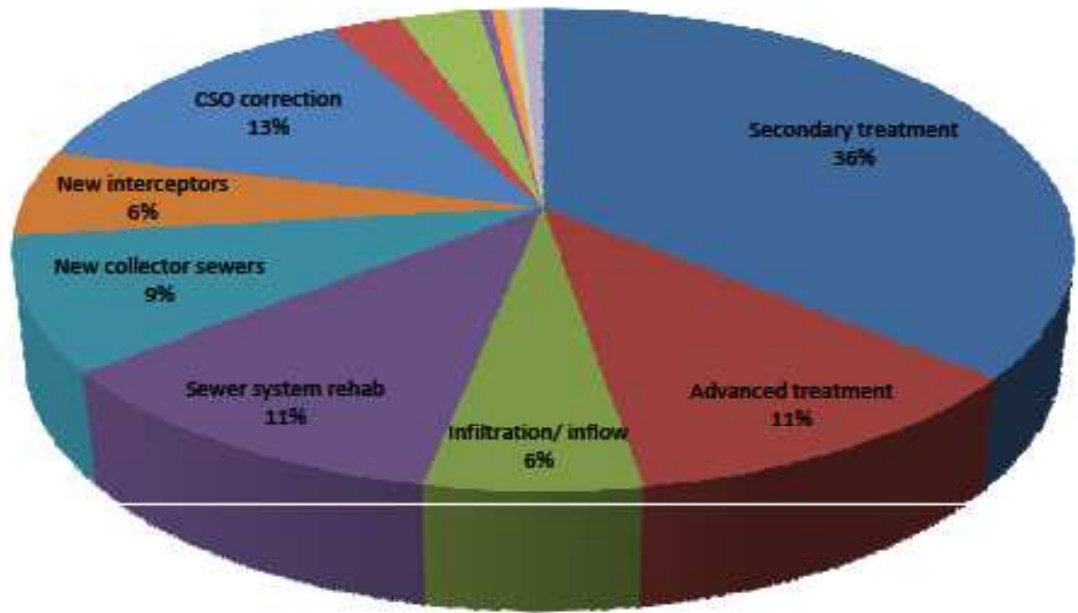
Results to Date

(Nov 9, 2009)

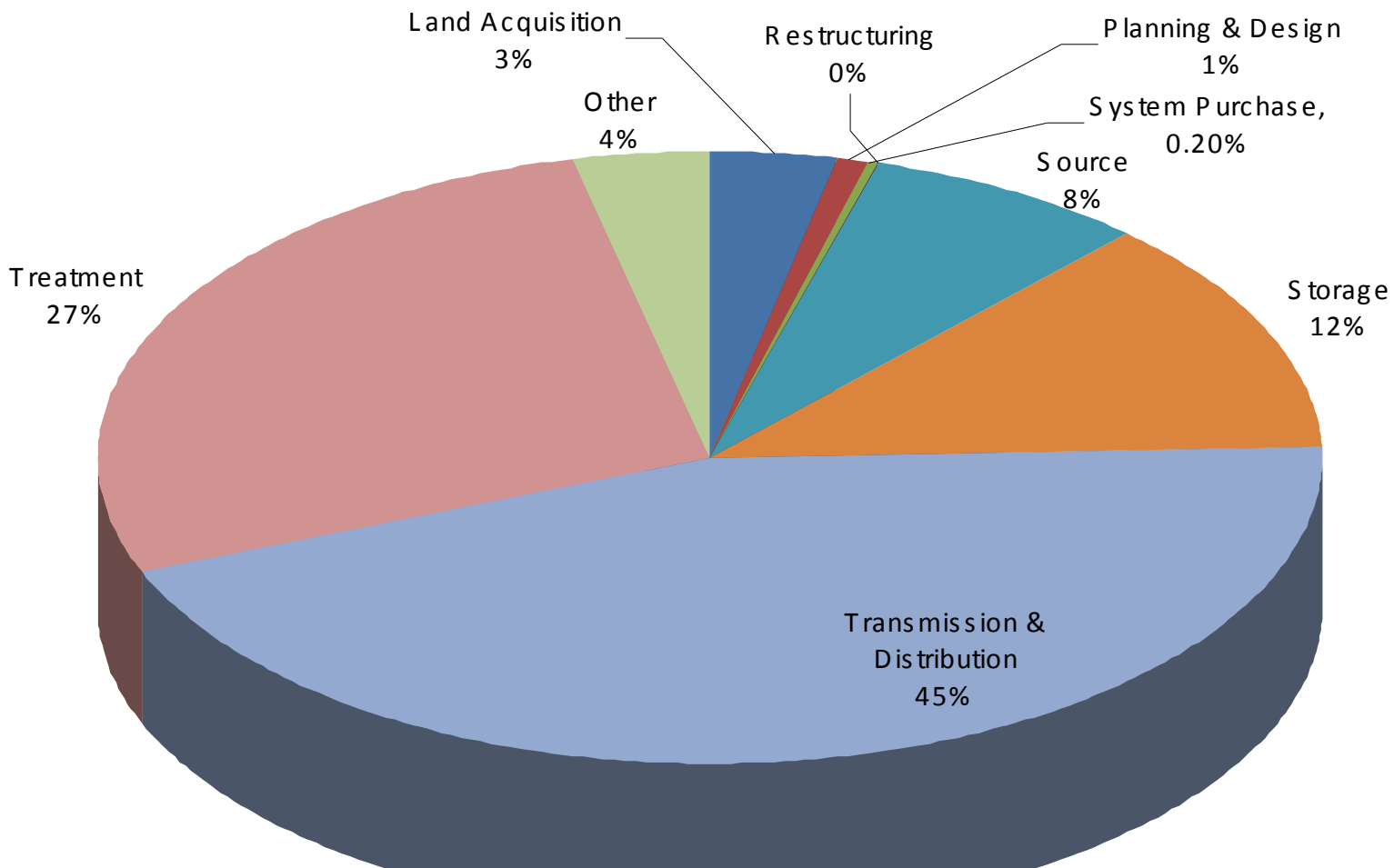


	Number of ARRA Projects	Projects with All Contracts Signed	Projects with Constr'n Started	Total SRF Assist- ance	ARRA Funded Amount
Clean Water	856	360	391	\$3.363 B	\$1.757 B
Drinking Water	667	258	274	\$1.373 B	\$0.817 B

Total Executed & Non-Executed CWSRF and ARRA Loans, by Project Category



- Secondary treatment
- Advanced treatment
- Infiltration/ inflow
- Sewer system rehab
- New collector sewers
- New interceptors
- CSO correction
- Storm sewers
- Recycled water distribution
- Ag cropland
- Ag animals
- Urban
- Marinas
- Brownfields
- Sanitary landfills
- Hydromodification
- Individual/ decentralized sewage treatment



**Total Executed & Non-Executed DWSRF and ARRA Loans,
by Project Category**

- Land Acquisition
- Restructuring
- Planning & Design
- Source
- System Purchase
- Storage



Buy American Waiver Requests



- Not as many as anticipated: States emphasized “Buy American” with utilities
- Clean Water – 26 Requests
 - Membrane Bioreactors: 6
 - Blowers: 4
 - Rotary Press: 2
 - Flushing gate, vacuum valves, pump, UV disinfection, fiber mats, chip carrier, mechanically cleaned screens, miscellaneous
- Drinking Water – 11 Requests
 - Membrane filtration: 4
 - UV Disinfection: 2
 - Hydro-generator, resin, filter media, valve boxes, miscellaneous
- Expected to increase as more complex projects become ready for contracting



Bottom-Line



- Expect all States to be successful in having all contracts executed by February 17, 2010
- EPA has resources to assist States and will continue to offer support throughout process
- Projects under contract & job creation will increase significantly in coming months



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<http://www.epa.gov/water/eparecovery/>