

# National SRF Workshop Council of Infrastructure Financing Authorities

Portland, Oregon  
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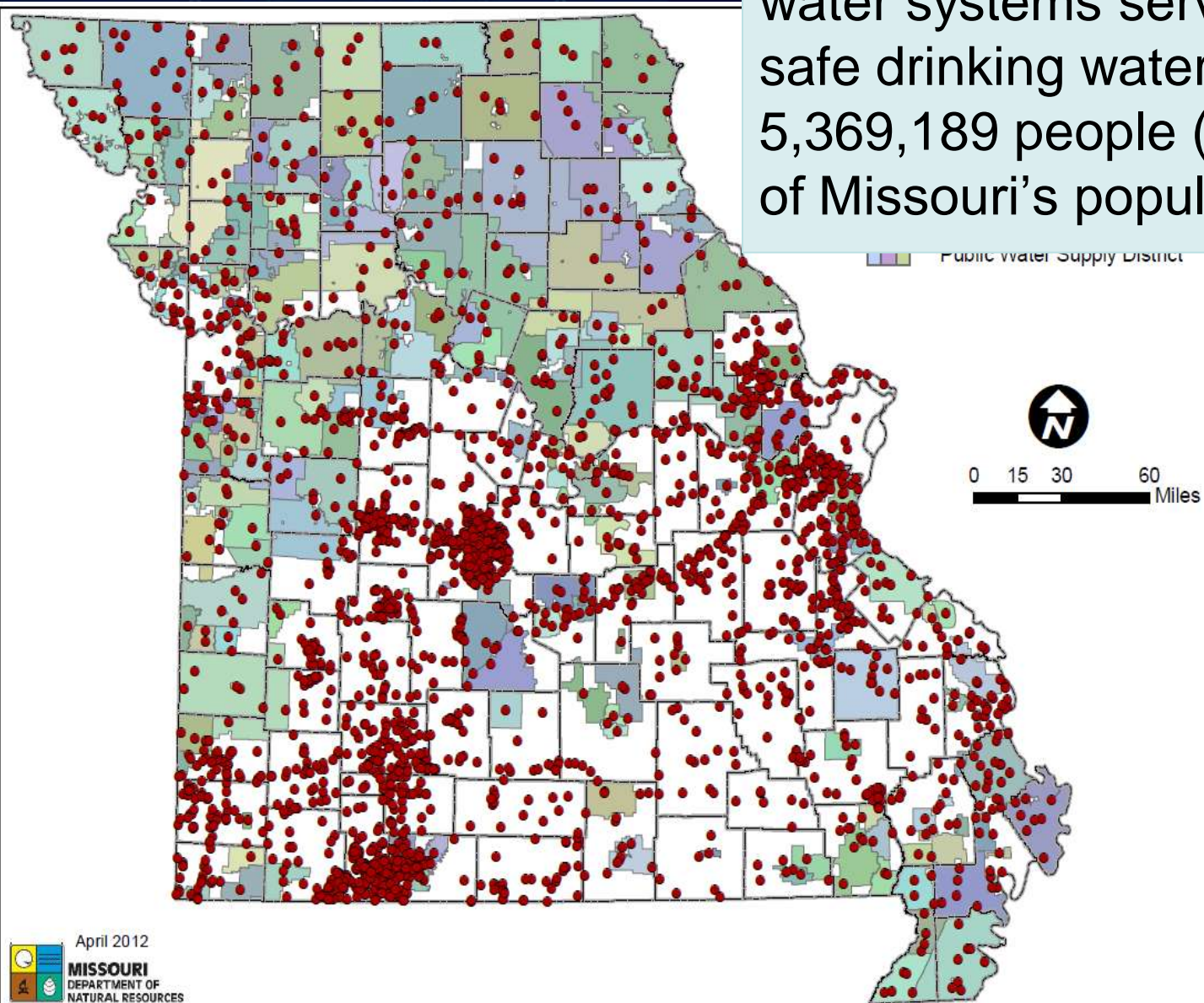
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# Topics

- Missouri Drinking Water & DWSRF Overview
- Select Set-aside Projects

Missouri Department of  
**Natural Resources**

We regulate 2,723 public water systems serving safe drinking water to 5,369,189 people (90% of Missouri's population).



## Missouri's public water systems

- 1,437 **Community** water systems (cities, villages, subdivisions, mobile home parks)
- 221 **Nontransient noncommunity** water systems (schools, daycare, factories, etc.)
- 1,065 **Transient noncommunity** water systems (bars, restaurants, convenience stores, churches, campgrounds, etc.)

## Missouri's public water systems

- 92% of our public water systems serve less than 3,300 people

Population Served	Number of Systems
More than 10,000	71
3,300 - 10,000	140
Less than 3,300	2511

# Organization



## Water Protection Program

# Financial Assistance Center

- Administers DWSRF & CWSRF loan programs
  - Includes environmental & engineering reviews, permitting, inspections
- Administers state funded grants & loan programs
  - Rural Water & Sewer Grants
  - Small Borrower Loans
  - Engineering Assistance Grants (CW)
  - Other grant programs as funds are available



Water Protection Program

# Public Drinking Water Branch

- Implementation of the Safe Drinking Water Act
- Administer the DWSRF Set-asides
  - Project concept, development, implementation and oversight
  - Tracking set-aside funding balances
  - Coordination with department management, EPA, contractors, grant awardees, etc.



# Drinking Water Funding Sources

- DWSRF Set-asides
- Primacy Fees
- PPG Grants
- DWSRF Administrative Fees
- Safe Drinking Water Fund
- State General Revenue

## DWSRF Set-aside Funding

Cap Grant	Set-Aside	Expended	Balance
FY 2012	\$5,376,532	\$4,007,596	\$1,368,936
FY 2013	\$5,045,870	\$ 0	\$5,045,870
FY 2014	\$5,535,050	\$ 0	\$5,535,050

# Opportunities

## Set-aside Projects

- On-going and One-time
- A few thousand dollars, to a few million

# On-Going Projects

# Engineering Report Services Grant

- Grants to community water systems for engineering evaluation to improve compliance and operations
  - Organizational, consolidation, treatment, infrastructure, etc.
- Offered since 1999 to very small community water systems (pop. <3,300)

## ERS Grant, continued

- Significant expansion in the last few years, both in dollars and number of awards

<b>Engineering Report Services Grants 2014</b>	<b>Number</b>	<b>Amount</b>
<b>Applications received</b>	102	\$4,516,836
<b>Awards</b>	77	\$1,757,876

## Plans and Specifications Grants

- New initiative in 2014
- Grants to community water systems serving populations of 10,000 or less for development of plans and specifications

Plan & Spec Grants, 2014	Number	Amount
Applications received	59	\$2,715,779
Awards	14	\$1,445,474



# Operator Certification Vouchers

- Vouchers are used for operator training and certification costs for very small systems (pop. <3,300)
- Annual budget is about \$250,000

## Circuit Riders

- Contract for circuit riders
- Technical assistance and training to public water system staff
- Significant expansion of effort in the past few years



*Class tour during operator training course*



## Circuit Riders

- 2007 - 2009 -- one circuit rider
- 2010 - 2014 -- four circuit riders
  - leak detection and energy efficiency
  - technical assistance & capacity development
  - operator training
  - help system with loan paperwork & process
- Annual expenditure is about \$230,000

## Board and Council Training

- New initiative in 2014
- Contract for workshops for water district board and city council members on managerial and financial responsibilities of running a water system.
- Anticipated cost is about \$50,000/year

## Source Water Protection

- Source Water Protection Grants
  - Fences, security lights/cameras, source water protection plans, other protective measures
- Abandoned Well Plugging Grants
  - Plug abandoned drinking water wells that threaten the water system's source of supply
- FY14 expenditure for is over \$300,000

# Source Water Protection

- Newsletter and other Informational materials
- Contract for maintenance of PWS source water delineation and assessment maps and information



# Drinking Water Research

## University Grants

- Research the causes of DBP formation at small systems and recommend solutions - \$120,000
- Emerging contaminants study - \$160,000



# Data Management Software

- Safe Drinking Water Information System (SDWIS/State) customization, upgrades, and maintenance

# One-Time Projects

## One-time Projects

- Grant to develop regional water supply
- Radionuclide study
- Equipment purchase
  - Stream gauges
  - Drought monitoring
  - Leak correlator

## One-time Projects

- Bathymetric studies (lake water quantity) report
- Staff training (contract)
  - Comprehensive Performance Evaluation training
  - Drinking water basics for new staff
- Backflow training

More information, contact:

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