

# FUNDING INTEGRATION TOOL FOR SOURCE WATER (FITS)

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# Background: Help Navigating the Funding Landscape

 Request from the States, ASDWA, other groups

 Some pioneers in the States have already used multiple funds for source water protection

 Wanted to have an easy way to convey a lot of interconnected information

 Spirit of One Water



# Many Opportunities to Plan and Fund SWP

 One Stop Shop for major Federal Funding Sources

 Cross-program planning considerations

 Tips long-term planning

 Rooted in real-world examples

 Interactive Captivate Module on EPA's website



# FITS: Funding Integration Tool for Source Water



# FITS: Funding Integration Tool for Source Water



Source Water Protection  
Funding Sources



Planning and Funding  
Coordination



Examples



# Source Water Protection Funding Sources

*Click on program title for more information*

## EPA Funds

Drinking Water State Revolving  
Fund (DWSRF)

Nonpoint Source Management  
Grants Program (Clean Water  
Act Section 319 Program)

Clean Water State Revolving  
Fund (CWSRF)

Water Pollution Control Grants  
Program (Clean Water Act  
Section 106 Program)

Water Infrastructure Finance  
and Innovation Act (WIFIA)  
Program

Indian Environmental General  
Assistance Program (GAP)

Leaking Underground Storage  
Tank (LUST) Trust Fund

Wetland Program  
Development Grants Program  
(WPDG)

## Other Federal Funds

USDA Natural Resources  
Conservation Service (NRCS)  
Conservation Program

FEMA Hazard Mitigation  
Assistance Program

USFS Landscape Scale  
Restoration Program



# Drinking Water State Revolving Fund (DWSRF)

Click on the tabs on the left to view more information.

Overview

## Overview – What is the Drinking Water State Revolving Fund?

### DWSRF Set-Asides

- States have the option of taking a percentage of their grant funds for non-infrastructure programs and activities.
- The programs and activities supported by these set-asides may include:
  - DWSRF administration
  - Water system capacity development
  - Operator certification
  - Source water protection
  - Small systems technical assistance
  - The Public Water System Supervision program
- Each state determines the appropriate balance between water infrastructure projects and set-asides for their unique circumstances.

Uses

Eligibility

Annual Funding  
Information

Funding Structure

Limitations of Funding

Additional Program  
Information



# Components of a Source Water Protection Program

*Click on a step on the right to view planning and funding considerations for each component of a source water protection program.*



## Step 1. Delineate the source water protection area

Step Overview

The following sources are options to help fund this step. Find specifics for each fund in the Funding Sources section. Click on a funding source below for more information on that source.

Funds to Consider

**DWSRF:** The Drinking Water State Revolving Fund is a federal-state partnership that provides financial support to water systems and state drinking water programs.

**106:** The Clean Water Act Section 106 Program Water Pollution Control Grants provide funding to build and sustain effective water quality programs for water pollution prevention and control programs and activities.

Planning Considerations to  
Access Future Funds

**GAP:** The Indian Environmental General Assistance Program provides grants to tribes for planning, developing, and establishing environmental protection programs.

Examples



## Step 1. Delineate the source water protection area

Step Overview

Consider these recommendations for how you can coordinate with other programs and plan for funding future phases of your source water protection program.

DWSRF

NPS

GAP

WPDG

FEMA

Funds to Consider

### Nonpoint Source Management Grants - Clean Water Act Section 319 Program

Planning Considerations to  
Access Future Funds

For a Section 319 grant, the watershed-based plan should include a description of the critical areas in which measures will be needed to implement the plan (Element C). It may be helpful to identify these areas during the delineation process.

Examples



# Examples



Examples by  
Funding Source



Examples by  
Program Component



# Examples

## Pick a Funding Source

DWSRF

Section 319

CWSRF

Section 106

WIFIA

GAP

WPDG

Multiple Programs

USDA NRCS

FEMA Hazard  
Mitigation Assistance

USFS Landscape  
Scale Restoration

## Choose an Example

Nebraska - Drinking Water Management  
Plans

Nevada - Building Bridges Truckee River

Delaware - Source Water Assessments

Maine - Portland Water District's  
Watershed Land Conservation Program

Washington - Skagit Public Utility District



# Examples

## Pick a Funding Source

DWSRF

Section 319

CWSRF

Section 106

WIFIA

GAP

WPDG

Multiple Programs

USDA NRCS

FEMA Hazard  
Mitigation Assistance

USFS Landscape  
Scale Restoration

## Choose an Example

New Hampshire - Pennichuck Water  
Works' Source Watershed

Nebraska - Drinking Water Management  
Plans

Washington - Skagit Public Utility District

Delaware - Source Water Assessments

Delaware - Groundwater Monitoring

Kickapoo Tribe - Streambank Stabilization

Arkansas - West Fork White River  
Initiative RCPP

Oregon - NWQI Partnership Experience



Example

## Delaware Ambient Groundwater Quality Network Case Study

### Project Details

- Approximately 55 percent of Delaware's population relies on groundwater for their drinking water.
- By pooling several funding sources, the Delaware Department of Natural Resources and Environmental Control (DNREC) implements the Delaware Ambient Groundwater Quality Network to monitor groundwater quality and water tables at more than 22 wells. Additional wells and exploratory borings monitor saltwater intrusion and responses to groundwater pumping and climate change.



# Examples

## Pick a Program Component

Delineate the SWPA

Inventory known and potential sources of contamination

Determine susceptibility of PWS to contaminant sources

Engage the public about threats identified in the assessment

Develop an action plan

Protect sources of drinking water by implementing protective actions

Evaluate and update action plan periodically

Assessment

Protection

## Choose an Example

Nebraska - Drinking Water Management Plans

Maine - Portland Water District's Watershed Land Conservation Program

Washington - Skagit Public Utility District

Arkansas - West Fork White River Initiative RCPP

Vermont - Conservation Strategy

Southern U.S. - Forest and Water Partnerships

Puerto Rico - Salinas Aquifer Storage and Recovery

Hawaii - Kohala Watershed Partnership



# Demonstration

<https://www.epa.gov/sourcewaterprotection/fits>



# QUESTIONS?



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## Source Water Protection



### FITS: Funding Integration Tool for Source Water

FITS is a one-stop-shop tool that explains how users can integrate various federal funding sources to support activities that protect sources of drinking water.

<https://www.epa.gov/sourcewaterprotection>

# DWSRF Set-Asides



Optional for States



Trade-off with Loan Funds



Different Eligibilities than Loans



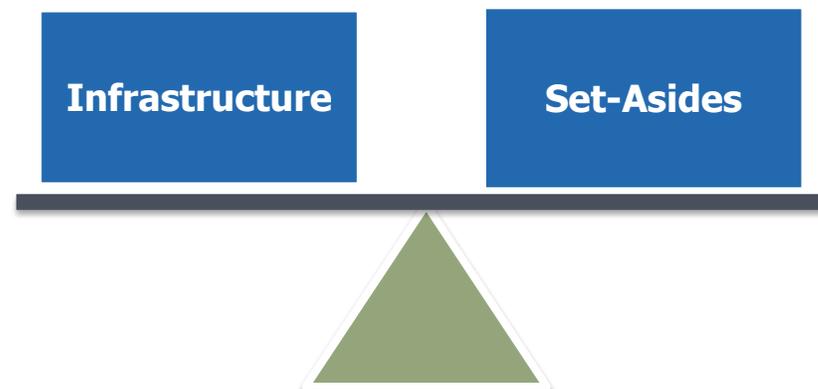
Unique to Drinking Water SRF

2%: Small Systems Technical Assistance

4%: Administration & TA

10%: State Program Management

15%: Local Assistance and Other State Programs



# State Program Management (10% Set-Aside)



**Develop and Implement** Drinking Water Protection, Capacity Development, Operator Certification, and Source Water Protection Programs



Often Used to **Fund Staff**

- Source Water Coordinators
- Hydrogeologists



Can also be used by state for source water protection activities



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# Local Assistance and Other State Programs (15%)

## Source Water Protection and Capacity Development Activities



- Loans to PWS for SWP land acquisition/easements, voluntary, incentive-based SWP measures, and source water petition programs



- Delineation, assessment, and *updates to assessments* for SWP areas



- Provide assistance as part of a capacity development strategy



- Establishment and implementation of wellhead protection programs and *implementation of efforts to protect source water*



# Local Assistance and Other State Programs (15%)

## Source Water Protection and Capacity Development Activities



- Developing Source Water Protection Plans
- Small grant programs
- Technical Assistance through 3<sup>rd</sup> parties



- Implementation of BMPs
- Updating SWA with GIS
- Development of local ordinances
- Public outreach and education



Cover crops around high-risk public wells in Sussex County, DE