

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides:

Building the Capacity of Drinking Water Systems



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Office of Water (4606M)
EPA 816-R-17-004
October 2017

Introduction

I. Introduction

Purpose of the Document

States use a range of tools and resources to effectively protect public health through implementation of the Public Water System Supervision (PWSS) Program. Under the Safe Drinking Water Act, states may set aside up to approximately 31 percent of their DWSRF capitalization grant to fund state programs and third parties to provide assistance and build the capacity of drinking water systems and ensure the delivery of safe drinking water to over 300 million Americans. The 2013 Association of State Drinking Water Administrators' report *Insufficient Resources for State Drinking Water Programs Threatens Public Health* shows that DWSRF set-asides fund 41 percent of state program expenses, the largest percentage from one source.

To promote sustainability of drinking water systems and ensure effective state programs, states support the provision of new and improved infrastructure, strengthen their Public Water System Supervision Programs and implement three programs: Capacity Development, Operator Certification and Source Water Protection. This document explores how the 50 state drinking water programs and Puerto Rico have used the DWSRF set-asides to support these programs.

This document:

- Highlights the ways in which state drinking water programs, especially Capacity Development Programs, use the DWSRF set-asides to support water systems in building and maintaining capacity; and,
- Encourages the increased collaboration among state DWSRF, Capacity Development, Operator Certification and other state drinking water programs, to ensure effective use of the DWSRF funds.

This document divides set-aside activities into nine categories:

- Training and technical assistance
- Financial management and rate studies
- Source water and wellhead protection
- Program implementation
- Water and energy efficiency
- Partnerships
- Data management
- Emerging contaminants
- Other innovative activities

The body of the document is structured around these nine categories and includes state-specific examples of set-aside activities. In 2010, EPA published *Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Promoting System Sustainability*. Together the 2010 report and this document are intended to further equip state and EPA DWSRF managers with knowledge to encourage capacity development and system sustainability, and ultimately further public health protection via the DWSRF.

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Methodology and Sources Used

EPA used the following primary sources for state-specific set-aside financial and intended use information:

1. DWSRF National Information Management System (DWNIMS) data from 2015;
2. State DWSRF Intended Use Plans (IUPs), 2014-2016;
3. State DWSRF set-aside work plans, 2014-2016; and
4. Most recent state triennial capacity development reports to the governor.

Data used to identify trends and uses of set-asides is summarized by state in Appendix A: Matrix of Set-Aside Use. This appendix also serves as a reference to explore the various intended activities of each state. Appendix A can be accessed at any time throughout the document by clicking on the “Matrix of Set-Aside Use” button in the left margin.

II. Explanation of DWSRF Set-Asides

What is the Drinking Water State Revolving Fund (DWSRF)?

Under the 1996 Amendments to the Safe Drinking Water Act (SDWA) (PL 104-182), Congress established the DWSRF to provide affordable financing to water systems to help fund necessary drinking water infrastructure improvement projects. Congress also allowed states to set aside a portion of their DWSRF capitalization grant to support water systems with non-infrastructure needs. Section 1452 of the SDWA, as amended, contains the provisions governing the DWSRF Program. The DWSRF's principal objective is to facilitate compliance with the National Primary Drinking Water Regulations (NPDWRs) or otherwise significantly advance the public health protection objectives of the SDWA. Exhibit 1 shows the annual amount of DWSRF assistance (in dollars) and the number of loans provided to the states since 1997.

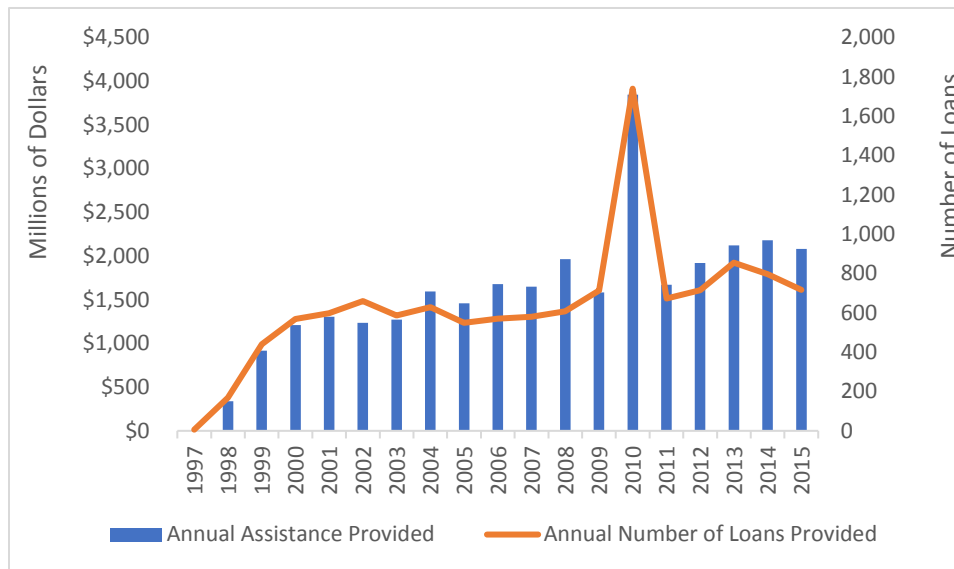


Exhibit 1: DWSRF Program Overview: Total Loans and Annual Assistance Provided 1997-2015

The DWSRF is a federal-state partnership through which a perpetual drinking water infrastructure revolving loan fund is maintained in each of the 50 states and Puerto Rico. The federal government provides capitalization grants to states, and states must provide a 20 percent match for those grants. Loans are made to public water systems (PWSs) from these funds, and over time, as these loans are repaid to the state and interest is earned, the state makes new loans from these perpetual “revolving” funds.

Recognizing that not all drinking water problems can be solved through new or improved infrastructure, the SDWA allows states to take a portion of their annual capitalization grant to support water system capacity, operator certification, source water protection, training and technical assistance to PWSs. States have the discretion to take up to approximately 31 percent of their capitalization grant for set-asides and can use these funds to hire state staff or to contract with third party technical experts. Cumulatively, states have used only half of the allowable amount. In recent years, there has been an upward trend in the amount of set-asides states choose to take from their capitalization grant.

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The four types of set-asides include:

1. Administration and Technical Assistance (4 percent);
2. Small System Technical Assistance (2 percent);
3. State Program Management (10 percent); and
4. Local Assistance and Other State Programs (15 percent).

DWSRF set-asides are not allowed to be used for water system infrastructure projects, except for planning and design activities (see Exhibit 2). Instead, the set-asides support activities necessary to ensure safe and affordable drinking water by:

- Providing states with flexible tools to assist water systems with training, technical assistance and pre-construction activities; and
- Extending and enhancing the impact of DWSRF funding by ensuring that water systems have the technical, managerial and financial capacity to obtain a loan and to effectively maintain their resources.

| General Activities Funded by Set-Asides | General Activities NOT Funded by Set-Asides |
|--|---|
| <ul style="list-style-type: none"> • Administer the DWSRF Program • Support PWSS Program management • Support Capacity Development, Operator Certification and Wellhead Protection Programs • Finance local source water protection initiatives • Provide technical assistance to water systems | <ul style="list-style-type: none"> • Operations and maintenance activities (e.g., purchasing chemicals, water meter reading, lubricating pumps and motors, etc.) • Routine compliance monitoring and sampling • Projects or related costs that can be funded through the DWSRF Loan Program, EXCEPT: <ul style="list-style-type: none"> ○ Planning and design costs for small systems ○ Restructuring costs |

Exhibit 2: Funding by the set-asides

States are encouraged to carefully develop their DWSRF Programs and plans for allocating funds based on this flexibility. The DWSRF requires a strategic balancing of resources for both infrastructure (in the form of loans for PWSs) and non-infrastructure (in the form of set-asides). Each state is able to determine the best balance between the infrastructure loans and the set-asides, or between infrastructure and non-infrastructure needs, depending on state-specific conditions.

The set-asides can be used to complement and support infrastructure projects, as many of the activities funded by the set-asides increase water system capacity. This, in turn, allows more water systems to successfully apply for and receive DWSRF loans for infrastructure projects. States are encouraged to use the flexibility of the set-asides to support capacity development work.

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4%

Administration and Technical Assistance

The Administration and Technical Assistance set-aside allows states to use up to 4 percent of the capitalization grant for costs associated with administering and implementing the state’s DWSRF Program and providing technical assistance to systems of all sizes.¹ Most states reserve this set-aside to cover a portion of the loan program administration costs that can include direct technical assistance to water systems in completing DWSRF loan applications. While this set-aside has been typically used only for state program administration, there is an opportunity to support technical assistance to water systems serving more than 10,000 persons.

IN 2015, 39 OUT OF 51 STATES USED THE MAJORITY OF THE 4 PERCENT SET-ASIDE. AVERAGE AWARD AMOUNT WAS APPROXIMATELY 3.2 PERCENT OUT OF 4 PERCENT.

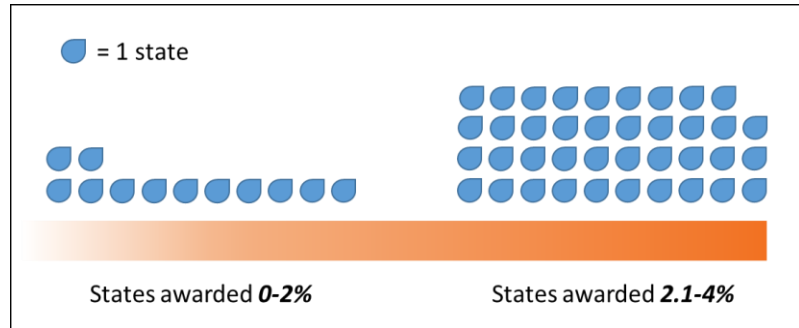


Exhibit 3: Amount Awarded (as %) of the 4 percent Set-Aside in 2015 (Source: DWNIMS)

2%

Small System Technical Assistance

Small water systems – PWSs serving 10,000 or fewer persons – typically face greater challenges than larger systems due to limited economies of scale. This set-aside allows states to use up to 2 percent of the capitalization grant to provide technical assistance and training to help small systems build the capacity they need to provide safe drinking water. States provide technical assistance to small water systems, including assistance in planning new infrastructure projects, payments to third-party technical assistance providers and specialized small system training.

IN 2015, 35 OUT OF 51 STATES USED THE MAJORITY OF THE 2 PERCENT SET-ASIDE. AVERAGE AWARD AMOUNT WAS APPROXIMATELY 1.5 PERCENT OUT OF 2 PERCENT.

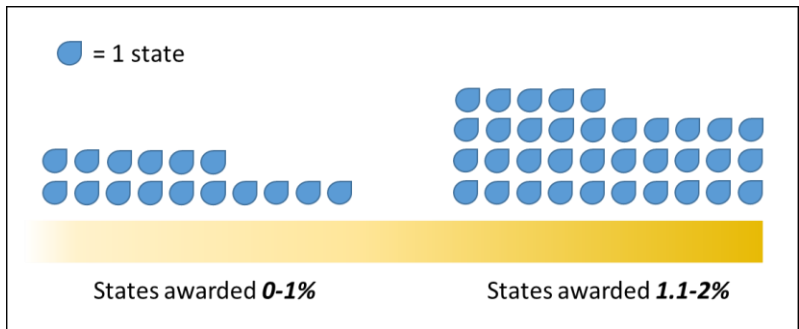


Exhibit 4: Amount Awarded (as %) of the 2 percent Set-Aside in 2015 (Source: DWNIMS)

¹ On December 16, 2016, the Water Infrastructure Improvements in the Nation (WIIN) Act was signed into law, which amended the SDWA to provide additional options for calculating the amount of Administrative Set-Asides that can be taken (the greatest of: \$400,000, 1/5 percent of the current valuation of the fund, or an amount equal to 4 percent of all capitalization grant awards to the fund for the fiscal year).

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State Program Management

The State Program Management set-aside allows states to use up to 10 percent of their annual allotment to develop and implement water system Capacity

10%

IN 2015, 36 OUT OF 51 STATES USED THE MAJORITY OF THE 10 PERCENT SET-ASIDE. AVERAGE AWARD AMOUNT WAS APPROXIMATELY 7.1 PERCENT OUT OF 10 PERCENT.

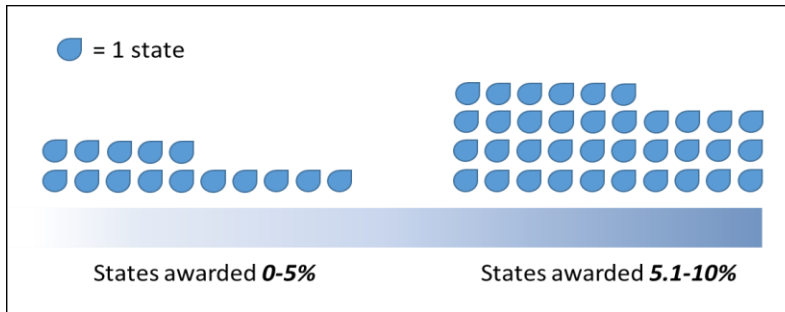


Exhibit 5: Amount Awarded (as %) of the 10 percent Set-Aside in 2015 (Source: DWNIMS)

Development and Operator Certification Programs, administer Source Water Protection Programs or support other state drinking water program activities. There is a broad range of eligible activities for administering and implementing the state PWSS Program.²

Local Assistance and Other State Programs

The Local Assistance and Other State Programs set-aside allows states to use up to 15 percent of their annual capitalization grant to assist in the development and implementation of local drinking water initiatives and other state programs, (e.g., capacity development and source water protection). This set-aside can also be used for direct financial assistance to water systems. A maximum of 10 percent out of the 15 percent set-aside

15%

IN 2015, 22 OUT OF 51 STATES USED THE MAJORITY OF THE 15 PERCENT SET-ASIDE. AVERAGE AWARD AMOUNT WAS APPROXIMATELY 7.0 PERCENT OUT OF 15 PERCENT.

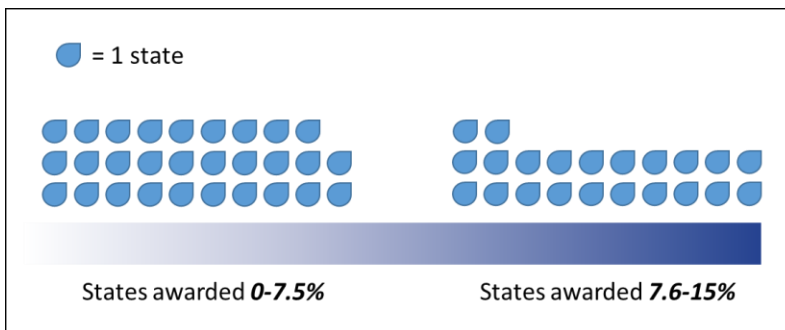


Exhibit 6: Amount Awarded (as %) of the 15 percent Set-Aside in 2015 (Source: DWNIMS)

funds can be spent on any single effort. An advantage of this set-aside is that source water and wellhead protection activities are more broadly defined compared to the State Program Management set-aside requirements. Examples of activities include: developing and implementing asset management plans for communities, providing

grants to systems considering regionalization or consolidation and providing loans for the implementation of source water quality protection efforts.

² On December 16, 2016, the WIIN Act was signed into law, which amended the SDWA to remove the 1:1 state match required for the State Program Management Set-Aside.

Collaboration between DWSRF and Other Drinking Water Programs

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Along with establishing the DWSRF Program, the 1996 Amendments to SDWA also established the Capacity Development and Operator Certification Programs. The DWSRF set-asides were intended to support the implementation of these programs and provide an incentive for state action on capacity development and operator certification. The Amendments also forbid DWSRF assistance for systems lacking capacity, unless assistance will enable the system to gain capacity.

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The SDWA requires the state's drinking water primacy agency, specifically the Public Water System Supervision (PWSS) program, to determine the state's DWSRF priorities. The PWSS program must lead annual development of the DWSRF Intended Use Plan (IUP) for infrastructure project funding and all of the set-asides. The state must give priority consideration to infrastructure projects addressing the most serious risk to public health, SDWA compliance and household affordability. These DWSRF statutory priorities support PWSS program public health protection results.

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It is important for the primacy and funding agencies to collaborate when working with systems receiving DWSRF loans, to ensure the DWSRF funds are put to effective use and projects meet all necessary requirements prior to initiation. This ensures that public health goals are met and that the water system will maintain or increase capacity, as well as ensuring a steady stream of DWSRF loan disbursements. Effective collaboration between these programs advances capacity development goals, making more water systems eligible to apply for infrastructure financing, if necessary.

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Some set-aside activities, such as those supporting the Capacity Development Program, may be managed in a different office or agency than the state's DWSRF Program. Coordination among the federal EPA and the state's DWSRF, PWSS, Capacity Development and Operator Certification Programs is vital to achieve maximum public health protection and to prevent duplicate efforts. This coordination allows set-asides to be allocated towards strengthening Capacity Development and Operator Certification Programs in order to help systems achieve compliance. The state drinking water programs should work towards common goals and a shared vision of the DWSRF's purpose to support the delivery of safe drinking water.

Mississippi

There are various ways in which states can improve collaboration between the primacy and funding agencies. In Mississippi, both drinking water primacy and the DWSRF are located within the Bureau of Public Water Supply at the Mississippi State Department of Health. With primacy and the DWSRF housed together, the Bureau is aware of the PWSs' needs in the state and has the ability to manage the resources of the DWSRF to provide loans for infrastructure project needs or provide funding for non-infrastructure activities. Capacity assessments conducted by the primacy division are used by DWSRF managers to ensure that a water system is viable before the funding division lends DWSRF funds to the system. If the system does not meet technical, managerial and financial capacity requirements, the state will not award DWSRF funding. However, a system may still be awarded a loan if the potential loan recipient addresses capacity assessment concerns during the facilities plan review process. If all elements are addressed, then a loan could be awarded. If the system needs additional assistance, contractual technical assistance is available through the set-asides in a number of ways. The 2 percent set-aside is utilized for Comprehensive and Intermediate Technical Assistance, PEER Review

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(experienced water sector professionals helping systems with technical concerns), Coordination of Board Management Training and specific Hands on Operator Training. Combining these elements with staff assistance, the DWSRF Program is not only able to provide for infrastructure needs but is also able to impact operator certification and capacity development (http://msdh.ms.gov/msdhsite/_static/30,0,76.html).³

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³ Additionally, the Mississippi PWS PEER Review Program was highlighted in the 2012 document *Capacity Development & Operator Certification Collaboration: An Essential Partnership to Promote Small System Capacity*, which is available at: <https://nepis.epa.gov/Exe/ZyPdf.cgi?Dockey=P100MEUQ.txt>.

III. State Stories

The following sections divide set-aside use into nine activity categories:

- Training and technical assistance
- Financial management and rate studies
- Source water and wellhead protection
- Program implementation
- Water and energy efficiency
- Partnerships
- Data management
- Emerging contaminants
- Other innovative activities

Each section starts with a description of the activity category and a graphic portraying how many states conduct activities within that category and which set-asides are used to conduct those activities. This is followed by examples of how states are using the DWSRF set-asides to carry out a wide array of activities to bolster their state drinking water programs and further capacity development. EPA compiled state stories from DWSRF IUPs, work plans and capacity development reports to the governor, conducted between 2012 and 2016. Sources used to compose the state stories are identified in footnotes throughout this section. If you are interested in learning more about a particular state story, EPA encourages you to reach out to that state directly. Activity data from Appendix A of this document is summarized below in Exhibit 7, which shows how many states conducted activities within each category using set-aside funds. Data from Appendix A was also used to create tables that show which states used set-asides to fund activities within each category and which set-asides were used. The state stories included within each section derive from sources used to create Appendix A, as well as other sources (e.g. state websites).

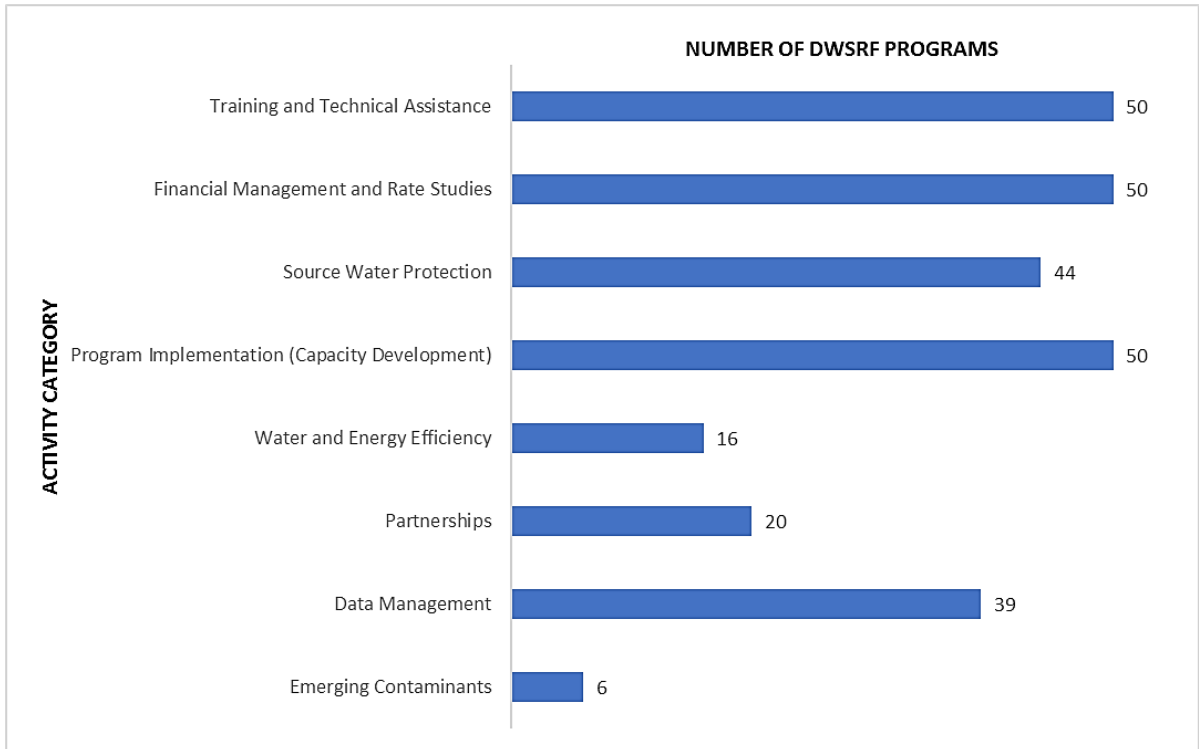


Exhibit 7: Number of DWSRF Programs that Fund Activities within Each Category Using Set-Aside Funds

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Training and Technical Assistance

The training and technical assistance category includes a wide array of training, outreach and technical assistance activities. Funding for training and technical assistance can cover actions and costs of providing both technical and financial assistance to PWSs, contracting with third party providers, assisting with contamination or treatment problems and loan application support. Forms of assistance may include, but are not limited to, outreach and training efforts, system audits, financial asset planning and design and technical consultation. Outreach and training efforts raise public awareness and offer a degree of transparency and insight into system operations and management. Many states use DWSRF set-aside funds to present workshops, seminars and other training events that provide operators with ongoing educational opportunities. This broad activity category provides a multitude of tools to water systems in need of outside expertise.

New Mexico's Technical Service Program

Through New Mexico's Technical Services Program, assessments of technical capacity are offered to water systems to evaluate system sustainability and efficiency. The Technical Services Team offers technical assistance to water system operators and helps water systems in identifying technical issues limiting the system's ability to become more sustainable. Furthermore, the Area-Wide Optimization Program (AWOP) will be re-established to target water systems for assistance and to improve the performance of surface water treatment plants.⁴

15%

Groundwater Workshops for Educators in Wisconsin

In SFY 2015, Wisconsin's Department of Natural Resources (DNR) sponsored three 1-day groundwater education workshops for teachers and nature center educators. These workshops have been provided annually since 2001 and are intended to train educators from schools and nature centers around the state on the use of the groundwater sand tank model and ways to incorporate the sand tank model in the classroom. Safe drinking water funds were used to purchase groundwater sand tank models and materials for the teachers. The workshops are provided by the Wisconsin DNR, the Wisconsin Geological and Natural History Survey and the University of Wisconsin's Stevens Point Center for Watershed Science and Education. These workshops also function as a form of outreach since teachers will pass their newly-gained knowledge, focusing on how groundwater flows, paths of contamination and ways to protect ground water, to their students and to the general public. Source water protection is promoted through this increased local awareness, having reached almost 300 schools and countless students in Wisconsin since these trainings first started.^{5,6}

15%

⁴ New Mexico Environment Department and New Mexico Finance Authority, 2014, State of New Mexico Drinking Water State Revolving Fund State Fiscal Year 2015 Intended Use Plan

⁵ The Department of Natural Resources and The Department of Administration, 2014, State of Wisconsin Safe Drinking Water Loan Program Intended Use Plan for FFY 2014 Funds for the SFY 2015 Funding Cycle

⁶ <http://dnr.wi.gov/education/educatorresources/groundwater/> Accessed 21 July 2016

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Online Course Development for Water System Operators in Delaware

15%

Delaware contracted with Delaware Technical Community College (DTCC) in Federal Fiscal Year (FFY) 2016 to develop two 30 to 36-hour water operator certification endorsement online courses, which will also be approved for continuing education credits. Online courses have proven to be effective and convenient, allowing operators and students to take the course at their own pace. The training modules are being expanded to include graded tests throughout. The format and content of the modules will be submitted to the Office of Drinking Water and Board of Certification for approval. DTCC will also develop other online continuing education courses so operators can receive technical training and ensure that they have the skills to maintain compliance with SDWA. Furthermore, DTCC plans to enhance classroom instruction and improve field skills through assessing and purchasing modern training equipment and software.⁷

Virginia's Drinking Water Small Project Engineering Services Program

15%

Virginia's Drinking Water Small Project Engineering Services Program provides up to \$10,000 per water system for small project engineering services to water systems whose population is typically less than 3,300. Virginia Office of Drinking Water's (ODW) Capacity Development Division has procured three contract engineering firms, each serving a distinct region of the state. Small engineering services projects are designed to address compliance or sustainability issues identified by ODW Regional Field Staff through the sanitary survey and compliance monitoring process. Examples of projects include:

- Plans and specifications for waterline replacement including service meters.
- Arsenic compliance viability including preliminary engineering report (PER) and specifications.
- Storage tank rehabilitation and improvement including PER and specifications.
- Evaluation of system mapping for locations for zone meters for accountability purposes.
- Asset Management Plans and water system mapping.

One goal of the program is to encourage systems benefiting from these services to apply to the DWSRF Program to fund their construction project. This helps direct DWSRF money to water systems with compliance and sustainability issues that otherwise would not apply due to the up-front engineering cost.⁸

Massachusetts: Capacity Development Training for Sanitary Survey Staff

10%

Massachusetts Department of Environmental Protection's (MassDEP's) Drinking Water Program ensures that all staff who conduct sanitary surveys are trained in the elements of capacity development. For 2015, MassDEP's Drinking Water Program focused on making sure all staff were trained and able to promote the following six elements: Asset management, fiscal planning, energy efficiency, water system collaboration, water loss and funding options.⁹

⁷ Delaware Health and Social Services (DHSS), 2015, Intended Use Plan 2015 Federal Allocation

<http://dhss.delaware.gov/DPH/hsp/files/dwsrfiup2015.pdf>

⁸ Virginia Department of Health and Office of Drinking Water, 2015, Commonwealth of Virginia Drinking Water State Revolving Fund Program Intended Use Plan For the DWSRF FY2015 Capitalization Grant

⁹ Massachusetts Department of Environmental Protection, 2014, Drinking Water State Revolving Fund (DWSRF) Final Intended Use Plan for FY 2015 Set-aside Funds

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Asset Management Pilot in Minnesota

Due to many of the technical, managerial and financial (TMF) challenges faced by very small municipalities in Minnesota, the Minnesota Department of Health has contracted with Minnesota Rural Water Association (MRWA) to provide TMF training. Recently, MRWA was asked to create an asset management spreadsheet tailored to water systems with populations under 1,000. The spreadsheet highlights the five core components of asset management and was completed in July of 2016 after being piloted on three small municipalities. By collaborating with another funding source, MRWA was also able to provide a similar wastewater asset management spreadsheet. The project will continue in SFY 2017. MRWA will continue to pilot the spreadsheets with a new group of small CWSs plus provide technical assistance training on the spreadsheets.

2%

Pennsylvania's Master Well Owners Network

The Master Well Owners Network (MWON), created by Penn State Extension and College of Agricultural Science, is a group of trained volunteers that promote the proper construction, operation and maintenance of private water supplies in Pennsylvania in order to protect underground sources of drinking water. MWON functions and continues to grow by conducting both training and outreach activities. MWON also supports 600 trained volunteers and provides training for new volunteers every year. In addition, the group maintains education and outreach materials and a website. After the completion of training with materials developed and maintained by MWON, newly trained volunteers must provide general education on the management of private water supplies to at least 100 people over two years. Since the inception of the network in 2004, MWON has provided information to over 30,000 well owners through various public outreach activities, including community events, workshops and conferences. The network recently held a Ground Water Symposium in May 2016.¹⁰

15%

Mississippi's PEER Review Program

Mississippi's PEER Review Program provides assistance to capacity deficient systems in preparing for their annual Mississippi State Department of Health inspections. All systems with a capacity assessment score below a certain level are invited to partake in the program. If these PWSs choose to participate, the water system operator and owner will meet with the PEER Review Team, which is often made up of experienced water system operators. During the meeting, a mock capacity assessment is performed, but the team goes further to evaluate other TMF aspects of the water system that were not looked at in the past. As noted in Mississippi's most recent capacity development report to the governor, "the team approach to problem solving provides an additional boost in capacity assessment areas thereby providing increased operational efficiency, managerial stability and financial solvency." After the meeting, the PEER Review Team writes a report outlining the issues and providing suggested actions to improve upon the issues identified.¹¹

2%

¹⁰ Pennsylvania Department of Environmental Protection, 2015, SFY 2015-2016 Drinking Water State Revolving Fund Workplan for the Use of Set-Aside Funding Under Sections 1452 (G) and 1452 (K) of the Federal Safe Drinking Water Act
¹¹ Mississippi State Department of Health Office of Health Protection Bureau of Public Water Supply, 2014, State of Mississippi Public Water Systems Capacity Development Program Triennial Report to the Governor

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Enhancing Operator Knowledge through Academic Partnerships in Tennessee

2%

Tennessee's Fleming Training Center (FTC) has developed partnerships with several academic institutions to address operator shortages and to explore enhanced technology for daily operation and maintenance of water systems. FTC is partnered with several universities to recruit new water system operators and to improve the skills of current operators. Columbia Southern University, for example, offers school credit for state operator training courses and discounted tuition for staff members. Middle Tennessee State University offers school credit for holding an operator license and has developed, with assistance from the state, a training program which is offered as a major under a four-year degree program at the university. FTC also partners with Tennessee Tech University, which has already developed three technological tools for operators. During the 2015 National Capacity Development/Operator Certification Workshop, Tennessee presented an example of one tool developed for operators, called the "Watercalc" app, which is free for Android and iPhone users. It serves as a calculator for water system operators and contains all the formulae operators need on a day-to-day basis (as well as all the formulae included in the American Board of Certification's Formula Book).¹²

¹² <https://tn.gov/environment/article/wr-ftc-whats-new-at-fleming-training-center> Accessed 6 August 2016

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Technical Assistance for Economically Disadvantaged Communities

Technical assistance can directly benefit economically disadvantaged systems that may otherwise be unable to receive loans. In many instances, disadvantaged systems do not possess the human capital necessary to build technical or financial capacity or obtain assistance within their already limited resource pool. Exhibit 8 shows the states that targeted technical assistance to water systems in economically disadvantaged communities using the set-asides and which set-aside funds are used. The states included in the table below and featured in this section explicitly indicated in state reports that set-aside funds were used to provide technical assistance to economically disadvantaged communities. However, it is likely that many other states also provide assistance to water systems in economically disadvantaged communities. Most states represented in the table below defined what is meant by “disadvantaged communities” in their respective state reports, but this definition varied by state. In general, states base this classification on a financial metric (e.g., median household income or affordability index). For example, California defines a “disadvantaged community” as “the entire service area of a community water system (CWS) in which the median household income (MHI) is less than 80 percent of the statewide MHI.”

Exhibit 8: States that Targeted Technical Assistance to Economically Disadvantaged Communities Using DWSRF Set-Asides as of 2015¹³

| State | 4% | 2% | 10% | 15% |
|--------------|----------|-------------------------------------|-------------------------------------|-------------------------------------|
| Arizona | | | | <input checked="" type="checkbox"/> |
| California | | | | <input checked="" type="checkbox"/> |
| Florida | | <input checked="" type="checkbox"/> | | |
| Maine | | | | <input checked="" type="checkbox"/> |
| Washington | | | <input checked="" type="checkbox"/> | |
| TOTAL | 0 | 1 | 1 | 3 |

California’s Support for Economically Disadvantaged Systems

15%

California provides ongoing support to its disadvantaged systems. For example, the Self-Help Enterprise (SHE) provides technical assistance to water systems in disadvantaged communities. SHE helps systems to secure funding, develop project designs, obtain engineering services and complete funding applications. Furthermore, SHE assists systems in completed capacity development documents. From 2008 to 2012, SHE assisted 250 PWSs in California. In 2015, California established a new Office of Sustainable Water Solutions (OSWS). OSWS focuses on economically disadvantaged systems and its staff works closely with technical assistance providers, such as SHE. Other ways in which California supports its disadvantaged water systems, include: partnering with the U.S Department of Agriculture – Rural Development to provide an additional source of funding to these systems and also partnering with local non-governmental organizations (NGOs) (particularly ones with an environmental justice focus) to help identify systems in need. Additionally, to assist communities that do not have access to safe drinking water and PWSs not eligible for DWSRF funding

¹³ Data related to “Disadvantaged System Assistance” activities identified in Appendix A were used to generate this figure.

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due to the lack of an eligible entity, the Legal Entity Formation Assistance pilot program was established in late 2013. Of the 15 projects funded, five formed new entities, three resulted in the community becoming part of an existing PWS; three ended up not forming an entity due to lack of community support and four projects for regional entities are ongoing. The pilot program is scheduled to be completed by June 30, 2017.¹⁴

Asset Management Training for Maine's Disadvantaged Systems

15%

Maine provides funding to support asset management training for PWSs that will be receiving an assistance agreement with principal forgiveness. Training is provided by Resources for Communities and People (RCAP) Solutions, Inc., and includes one-on-one training with each water system consisting of at least two 3-hour sessions that are tailored to meet the specific needs of each water system. Water system trustees or board members and lead operator(s) are strongly encouraged to attend. Maine also dedicates a portion of the funding for Capacity Development Awareness through RCAP, Maine Water Utilities Association and Maine Rural Water Association to conduct asset management training for PWSs on an as-needed basis. Training may include, for example, instruction on use of the Check Up Program for Small Systems (CUPSS) software.¹⁵

¹⁴ Chapman, 2013, California Department of Public Health Drinking Water Capacity Development Program Report to the Governor Fiscal Years 2008-12

¹⁵ Maine Drinking Water Program, 2015, 2015 Work Plan for the 15 Percent Set-Aside for Other Non-Project Activities State Fiscal Year of July 1, 2015 to June 30, 2016 Assistance for Capacity Development

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Financial Management and Rate Studies

Asset planning and financial management proactively ensure the long-term health and operating success of a water system. If operators do not have an asset management plan in place, their system could be more susceptible to financial hardships, especially with aging infrastructure costs. By controlling expenses and finances, water systems can build reserve accounts to support emergencies, while affording required PWS maintenance and reducing the likelihood of taking on large quantities of debt. States can use set-aside funding to work with financial planners and asset managers to complete inventories of their systems, establish long-term budgets and reel in their operating costs by investing in more sustainable practices. Rate studies allow systems to determine the affordability of their services to their customers and will allow them to determine if their revenues are enough to cover their costs and projected demands. Rate studies are particularly valuable in the context of managerial and financial capacity by identifying revenues to manage and maintain utility assets. Rate studies can also be used to compare water rates across user categories such as residences and commercial entities to determine appropriate rate structures. Exhibit 9 shows the states that conducted financial management activities and rate studies using DWSRF set-asides and which set-asides they used to fund related activities. ***Use of Set-Asides for Financial Management and Rate Studies: 20 states use one set-aside; 30 states use a combination of set-asides.***

Rate Studies Offered by Technical Service Providers in North Dakota

2%

In order to increase financial capacity, North Dakota provides assistance to small water systems through a third party to evaluate their rate structure. Many factors contribute to financial capacity, and there are many reasons why a water system may need to conduct a rate study, including: decrease in population size, operating deficits, need for improved infrastructure, limited funding and complex SDWA requirements, among others. The technical service provider assists small water systems in identifying options for increasing water rates, decreasing other expenses and rate restructuring. The water system receives the methodological tools they need to calculate base rate, capacity fees and connection fees, as well as practical tools to support rate increases during public presentations.¹⁶

Financial Management for Ohio's Small Systems

2%

Ohio Environmental Protection Agency (Ohio EPA) contracts with the Rural Community Assistance Program (RCAP) to conduct several activities for small systems concerning financial and managerial assistance. These assistance activities include but are not limited to: finding alternative funding sources, utility planning, identifying operation and maintenance costs, developing budgets, cost recovery, financial plan development and marketing services to customers. RCAP also offers various training opportunities on sustainable management and infrastructure, utility planning and more for water systems and local officials. A course manual entitled "The Art and Science of Utility Rate Analysis and Structure" is provided to communities that require additional assistance with rate setting. Assistance in project planning and development is also offered to small systems.¹⁷

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¹⁶ North Dakota Department of Health, 2014, 2014 Triennial Report to the Governor

¹⁷ Ohio EPA Division of Drinking and Ground Waters Drinking Water Assistance Fund, 2015, State of Ohio Draft Program Management and Intended Use Plan

Exhibit 9: States that Funded Financial Management Activities and Rate Studies Using DWSRF Set-Asides as of 2015¹⁸

| State | 4% | 2% | 10% | 15% |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Alabama | | | | |
| Alaska | | | | <input checked="" type="checkbox"/> |
| Arizona | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| California | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Colorado | | | | <input checked="" type="checkbox"/> |
| Connecticut | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Delaware | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Florida | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Georgia | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Idaho | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Illinois | | | | <input checked="" type="checkbox"/> |
| Indiana | | | | <input checked="" type="checkbox"/> |
| Iowa | | | | <input checked="" type="checkbox"/> |
| Kansas | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | | | | <input checked="" type="checkbox"/> |
| Louisiana | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | | | | <input checked="" type="checkbox"/> |
| Massachusetts | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | | | <input checked="" type="checkbox"/> | |
| Minnesota | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Mississippi | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Missouri | | | | <input checked="" type="checkbox"/> |
| Montana | | | <input checked="" type="checkbox"/> | |
| Nebraska | | <input checked="" type="checkbox"/> | | |
| Nevada | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| New Jersey | | | <input checked="" type="checkbox"/> | |
| New Mexico | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| North Carolina | | <input checked="" type="checkbox"/> | | |
| North Dakota | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |

¹⁸ Data related to “Rate Studies”, “Financial” (under Capacity Development) and “Other” activities identified in Appendix A were used to generate this figure.

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| State | 4% | 2% | 10% | 15% |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Ohio | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Oklahoma | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | | | | <input checked="" type="checkbox"/> |
| Pennsylvania | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Puerto Rico | | | <input checked="" type="checkbox"/> | |
| Rhode Island | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | | <input checked="" type="checkbox"/> | | |
| South Dakota | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | | | <input checked="" type="checkbox"/> | |
| Texas | | | | <input checked="" type="checkbox"/> |
| Utah | | <input checked="" type="checkbox"/> | | |
| Vermont | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| Virginia | | | | <input checked="" type="checkbox"/> |
| Washington | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Wisconsin | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | | <input checked="" type="checkbox"/> | | |
| TOTAL | 3 | 27 | 23 | 35 |

Arizona's Water and Wastewater Residential Rate Survey

15%

The Water Infrastructure Finance Authority (WIFA) of Arizona supports the drinking water portion of the Water and Wastewater Residential Rate Survey. Starting in 2014, WIFA has worked with the University of North Carolina's Environmental Finance Center (UNC's EFC) to conduct this rate survey. In 2015, WIFA surveyed approximately 500 utilities, updated the Rate Dashboard by the UNC's EFC, conducted a survey analysis and wrote the final report. [Results](#) from the study can be used by different parties to compare and benchmark current rates and for future water utility budget planning.^{19, 20}

Financial Management of New Hampshire's DWSRF

4%

While enhancing the financial capacity of PWSs is a priority, efficient financial management of the state DWSRF itself should also be addressed. The New Hampshire Department of Environmental Services has an agreement with the State Department of Treasury and the Business Finance Authority (BFA) to handle some of the financial aspects of the DWSRF. The BFA is funded to establish credit worthiness of private water systems that are applying for loans. The State Department of Treasury is tasked with managing accounts and investments related to the DWSRF, as well as carrying out other financial tasks.²¹

¹⁹ Arizona Water Infrastructure Finance Authority, 2015, SFY 2015 Drinking Water Intended Use Plan

²⁰ <http://www.efc.sog.unc.edu/project/arizona-water-and-wastewater-rates-and-rate-structures> Accessed 28 July 2016

²¹ New Hampshire Department of Environmental Services, 2014, State of New Hampshire 2014 Drinking Water State Revolving Fund Intended Use Plan Draft

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Source Water and Wellhead Protection

Source water and wellhead protection are fundamental elements towards ensuring clean drinking water and healthy watersheds. States focus on both surface water and ground water supply when designing programs to protect source water. This includes working with existing regulations to ensure watershed viability and to help prevent any contamination events. These activities can also include funding personnel who work directly with wellhead protection, as well as funding studies around local land use and management tools. One unique element of source water protection includes a loan program for land acquisition designed to build conservation easements around source water sites for long-term protection. Example projects can include community education programs, management of agricultural chemicals to prevent runoff and even building appropriate manmade structures to protect streams and reservoirs. Overall, these projects offer solutions to communities and water systems who show proactive interest in maintaining the health of their source water. Most states carry out source water and/or wellhead protection activities. Exhibit 10 shows which set-asides (or combination of set-asides) were used to fund these activities. ***Use of Set-Asides for Source Water and Wellhead Protection: 21 states use one set-aside; 23 states use a combination of set-asides.***

Connecticut's Multipronged Approach to Source Water Protection

15%

Connecticut's Source Water Protection Strategic Plan includes a variety of activities, such as updating source water protection laws and regulations, public outreach and education, data management, working with various stakeholders to establish and maintain partnerships and more. The two main objectives of the plan are to "revise and maintain existing public health laws" and to "maintain minimized risk to public health for 100 percent of source water areas for community water systems (CWSs)."²² Maintaining compliance with this plan includes but is not limited to such activities as:

- Creating linkages between the SDWA and the Clean Water Act through working with the EPA, Connecticut's Department of Energy and Environmental Protection and other stakeholders.
- Tracking onsite septic systems or projects in close proximity to PWSs to prevent ground water contamination.
- Developing a collaborative that focuses on both drinking water protection and public health protection.
- Working with a wide array of groups to distribute educational materials promoting source water protection.²³

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²² State of Connecticut Department of Public Health Drinking Water Section Source Water Protection Unit, 2010, 2010 – 2015 Strategic Plan for the Implementation of Drinking Water Source Protection in Connecticut http://www.ct.gov/dph/lib/dph/drinking_water/pdf/IUP_Attachment_G.pdf

²³ State of Connecticut Department of Public Health, 2014, Drinking Water State Revolving Fund Intended Use Plan Federal Fiscal Years 2013 & 2014 Capitalization Grants Including State Fiscal Years 2014 & 2015 Project Priority Lists

Exhibit 10: States that Funded Source Water and Wellhead Protection Activities Using DWSRF Set-Asides as of 2015²⁴

| State | 4% | 2% | 10% | 15% |
|----------------|----|-------------------------------------|-------------------------------------|-------------------------------------|
| Alabama | | | | |
| Alaska | | | | <input checked="" type="checkbox"/> |
| Arizona | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | | | | <input checked="" type="checkbox"/> |
| California | | | <input checked="" type="checkbox"/> | |
| Colorado | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | | | | <input checked="" type="checkbox"/> |
| Florida | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Georgia | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | | | | <input checked="" type="checkbox"/> |
| Idaho | | | | <input checked="" type="checkbox"/> |
| Illinois | | | | |
| Indiana | | | | |
| Iowa | | | | <input checked="" type="checkbox"/> |
| Kansas | | | | <input checked="" type="checkbox"/> |
| Kentucky | | | | <input checked="" type="checkbox"/> |
| Louisiana | | | | |
| Maine | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | | | <input checked="" type="checkbox"/> | |
| Mississippi | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | | | | <input checked="" type="checkbox"/> |
| Nebraska | | | | <input checked="" type="checkbox"/> |
| Nevada | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | | | | <input checked="" type="checkbox"/> |
| New Jersey | | | <input checked="" type="checkbox"/> | |
| New Mexico | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | | | | |

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²⁴ Data related to “SWP Efforts” (i.e., source water protection and management, wellhead protection and management and land acquisitions) identified in Appendix A were used to generate this figure.

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| State | 4% | 2% | 10% | 15% |
|----------------|----------|-------------------------------------|-------------------------------------|-------------------------------------|
| Ohio | | | <input checked="" type="checkbox"/> | |
| Oklahoma | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | | | | <input checked="" type="checkbox"/> |
| Pennsylvania | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Puerto Rico | | <input checked="" type="checkbox"/> | | |
| Rhode Island | | | | <input checked="" type="checkbox"/> |
| South Carolina | | | | <input checked="" type="checkbox"/> |
| South Dakota | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | | | | |
| Texas | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Utah | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | | | | <input checked="" type="checkbox"/> |
| Washington | | | | <input checked="" type="checkbox"/> |
| West Virginia | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | | | | |
| TOTAL | 0 | 4 | 26 | 38 |

New Jersey's Historic Well Search Project

The New Jersey Department of Environmental Protection (NJDEP) completed source water assessments with assistance from the U.S. Geological Survey in 2005. The state continues to use this data to improve environmental regulatory actions. Through their "Historic Well Search Project," NJDEP manually verified the locations of older well permits and well records, adding them to an electronic database to strengthen the online well search tool. The well search tool allows users to search for wells within a certain distance from groundwater contamination sites.²⁵

10%

Pennsylvania's Participation in Interstate Water Organizations

Pennsylvania ensures that source water protection is promoted and incorporated into interstate water organizations. The Pennsylvania Department of Environmental Protection (PADEP) staff are actively involved in and often coordinate source water protection activities for various interstate organizations, including: The Partnership for the Delaware Estuary, the Interstate Council on Water Quality, the Interstate Council on the Potomac River Basin, the Schuylkill Action Network, the Christina River Basin Project and the Delaware River Basin Commission. These groups are often made up of county planners and conservation district staff who reach out to water systems to make sure they have developed, and keep up-to-date, source water

10%

²⁵ New Jersey Department of Environmental Protection, 2014, Drinking Water State Revolving Fund Final FFY 2014 Priority System, Intended Use Plan, Project Priority List and Response Document

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protection plans. The state recognizes that this sort of outreach, especially among different water systems and counties, is effective in stimulating local efforts.²⁶

Incentivized Watershed Intervention Approach to Reduce Nitrate Levels in Wisconsin

15%

Despite efforts to reduce nitrate contamination, some Wisconsin PWSs still experience increasing levels of nitrate in wells. The continued increase of nitrates could eventually lead to the installation of additional water treatment equipment by the water system owners to meet SDWA requirements. In order to help address this concern, Wisconsin has implemented an incentivized watershed intervention approach in one small geographic area. The project will test whether or not the practices contributing to nitrogen in ground water can be altered to mitigate pollution. The effort will include “the use of advanced modeling, incentives, innovative institutional arrangements and intensive monitoring” to reduce nitrogen enough to avoid exceeding SDWA nitrate levels and will also study the effects on microbial and pesticide levels. Technology and procedures will be documented so that they can be appropriately applied in other areas.²⁷

Pennsylvania’s Water Resource Planning Initiative

10%

One way in which Pennsylvania protects its source water is via water supply planning. The Water Resource Planning Initiative ensures that water supplies are used efficiently and sustainably, considering future allocation and use. Efforts focus on Water Allocation Permitting of PWS surface water withdrawals, implementation of the State Water Plan and designating Critical Water Planning Areas. A staff member coordinates these activities and activities that support watershed-based approaches to source water protection.²⁸

²⁶ Pennsylvania Department of Environmental Protection Bureau of Safe Drinking Water Division of Training, Technical and Financial Services, 2015, State FY 2015-2016 Intended Use Plan Drinking Water State Revolving Fund Workplan for the Use of Set-Aside Funding Under Sections 1452 (F) and 1452 (K) of the Federal Safe Drinking Water Act

²⁷ The Department of Natural Resources and The Department of Administration, 2014, State of Wisconsin Safe Drinking Water Loan Program Intended Use Plan for FFY 2014 Funds for the SFY 2015 Funding Cycle

²⁸ Pennsylvania Department of Environmental Protection, 2015, State FY 2015-2016 Drinking Water State Revolving Fund Workplan for the Use of Set-Aside Funding Under Sections 1452 (G) and 1452 (K) of the Federal Safe Drinking Water Act

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Program Implementation

States typically reserve a portion of set-aside funding for general drinking water program efforts, which include oversight activities and expenditures associated with implementing state programs such as Operator Certification and Capacity Development. Program support can also be used to develop capital improvement strategies, preparing contracts for capacity development and managerial assistance. These funds can go towards such activities as training for operator certification and continuing education, revising capacity development framework and other activities that may provide general support for the implementation and continuation of state drinking water and preventative programs. Most states use set-asides to support their Capacity Development Programs. Exhibit 11 shows states that funded capacity development activities using the DWSRF set-asides and which set-asides are used. ***Use of Set-Asides for Program Implementation (Capacity Development): 12 states use one set-aside; 38 states use a combination of set-asides.***

Capacity Development

Maine's Capacity Development Grants for Developing Documents

15%

Maine is aiming to increase water system capacity by making sure water systems have appropriately developed necessary documentation required to operate and maintain a water system. A portion of Maine's set-asides will fund Capacity Development Grants, which will be made available to PWSs in amounts up to \$15,000 per system. PWSs will use these grants to seek professional services in developing and completing documents that may lead to enhanced water system capacity, such as: Comprehensive System Facilities Plans, Capital Improvement Plans, System Hydraulic Modeling Studies, Comprehensive Operations and Maintenance Manuals, System Vulnerability Assessments, Emergency Response Plans, Management Review Studies, System Consolidation Studies, Asset Management Plans, Geographic Information System (GIS) Infrastructure Mapping, Energy Audit Reports, Water Audit Reports, Water Storage Tank Upgrade/Replacement Evaluations, Comprehensive Community Planning Studies which include a public water infrastructure component (consideration will be given for funding the "drinking water" portion of such studies) and other professionally prepared documents that can be used to enhance system capacity, as determined by the Drinking Water Program.²⁹

Ohio's Revised Capability Program

10%

Ohio formed a workgroup to improve upon the state's current capability program. The workgroup has created a framework that will act as the capability screening tool to assess a water system's current capability and identify areas for improvement. The screening tool assesses: the governing body of a water system, operations and maintenance activities, source water protection, water supply and demand, emergency preparedness, asset management, budgeting, rates, reserve accounts, water system policies, SDWA compliance and water loss. The workgroup will also develop a structure for the new capability assurance program with an emphasis on asset management.³⁰

²⁹ Maine Drinking Water Program, 2015, 2015 Work Plan for the 15 Percent Set-Aside for Other Non-Project Activities State Fiscal Year of July 1, 2015 to June 30, 2016 Assistance for Capacity Development

³⁰ Ohio Environmental Protection Agency, 2014, Capability Assurance Strategy Triennial Report to the Governor

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Exhibit 11: States that Funded Capacity Development Program Implementation Activities Using DWSRF Set-Asides as of 2015³¹

| State | 4% | 2% | 10% | 15% |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Alabama | | | | |
| Alaska | | | | <input checked="" type="checkbox"/> |
| Arizona | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Arkansas | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| California | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Delaware | | | | <input checked="" type="checkbox"/> |
| Florida | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Georgia | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Illinois | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Indiana | | | | <input checked="" type="checkbox"/> |
| Iowa | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Kansas | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| Louisiana | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Minnesota | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Mississippi | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Missouri | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | | | <input checked="" type="checkbox"/> | |
| Nebraska | | <input checked="" type="checkbox"/> | | |
| Nevada | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| New Jersey | | | <input checked="" type="checkbox"/> | |
| New Mexico | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |

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³¹ Data related to “Capacity Development” activities identified in Appendix A were used to generate this figure.

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| State | 4% | 2% | 10% | 15% |
|----------------|----------|-----------|-----------|-----------|
| Ohio | | ☑ | ☑ | |
| Oklahoma | | ☑ | ☑ | ☑ |
| Oregon | | | | ☑ |
| Pennsylvania | | ☑ | ☑ | ☑ |
| Puerto Rico | | ☑ | ☑ | |
| Rhode Island | | ☑ | ☑ | ☑ |
| South Carolina | | ☑ | | |
| South Dakota | | ☑ | ☑ | ☑ |
| Tennessee | | | ☑ | |
| Texas | | ☑ | ☑ | ☑ |
| Utah | | ☑ | ☑ | ☑ |
| Vermont | | | ☑ | ☑ |
| Virginia | | | | ☑ |
| Washington | | ☑ | ☑ | ☑ |
| West Virginia | | ☑ | | ☑ |
| Wisconsin | | | ☑ | ☑ |
| Wyoming | | ☑ | | |
| TOTAL | 2 | 31 | 34 | 36 |

Wisconsin's Strategy to Assist TNCWSs

15%

Wisconsin DNR has contracted with county and local health agencies to provide inspection services to transient non-community water systems (TNCWSs). This effort is in line with the state's capacity development strategy to provide assistance to water systems facing potential compliance issues. Wisconsin has over 9,500 TNCWSs, which are often small systems and are not required to have certified operators. Through the contract, local health agencies will conduct annual site visits, collect drinking water quality samples and conduct sanitary surveys at least once every five years. These services reduce monitoring and reporting violations, making these TNCWSs more likely to obtain and maintain SDWA compliance. Wisconsin has contracts with 41 county agencies covering 51 counties. The Wisconsin DNR holds an annual required training for county agents and requires DNR field staff to conduct one to two joint sanitary surveys with county partners. The training and joint surveys ensure consistency across the state.

In addition to performing sanitary surveys, annual site visits and monitoring and follow-up sampling required due to routine monitoring results, the county agents will conduct Level 2 Assessments. Level 2 Assessments (comprehensive, in-depth examinations to find and fix any sanitary defects) are a requirement of the Revised Total Coliform Rule. A Level 2 Assessment occurs when a water system triggers two Level 1 Assessments in a rolling 12-month period, has an E. coli maximum contaminant level (MCL) violation or approved annual monitoring exceeds a Level 1 trigger in 2 consecutive years.³²

³² The Department of Natural Resources and The Department of Administration, 2014, State of Wisconsin Safe Drinking Water Loan Program Intended Use Plan for FFY 2014 Funds for the SFY 2015 Funding Cycle

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Operator Certification & Workforce Development

Montana's Water and Wastewater Operator Certification Program

10%

The Montana Department of Environmental Quality's Water and Wastewater³³ Operator Certification Program is an important component of the state's capacity development strategy. The program, which oversees approximately 1,655 certified water and wastewater operators, works closely with the Public Water Supply Program and DWSRF Program to protect public health and the environment. The program serves two significant purposes. First, the program makes sure that all CWSs and non-transient non-community water systems (NTNCWSs) have properly certified operators. Second, the program provides testing, recordkeeping and program information services, as well as ensures that operators are continuously trained to maintain certification.³⁴

New Jersey's Pilot Water System Operator Internship Program

10%

In 2011, NJDEP initiated a one-year licensed operator internship program. Utilities were able to receive EPA Expense Reimbursement Grants to hire and train interns to serve as licensed operators. Supplemental funds were provided from the 10 percent set-aside. After completing the internship, interns were eligible to take Water Treatment or Water Distribution Class I State exam. Sixteen individuals completed the internship program. Out of the 16 individuals, 14 are still employed in their positions, and 11 have become certified. The NJDEP is currently evaluating this effort in order to establish a permanent and sustainable internship program without the use of outside funds.^{35, 36}

Iowa's Water and Wastewater Treatment Technology Diploma Program

2%

In order to develop a pool of qualified future operators, Iowa's Department of Natural Resources partnered with the Des Moines Area Community College to establish the Water and Wastewater Treatment Technology Diploma Program. The program is intended to attract both entry-level students and current operators looking to improve their certification level or to earn a degree. The program includes course work and training in treatment, communication, human relations, water analysis and environmental science. Furthermore, the program requires students to obtain an internship to gain practical experience.³⁷

State Program

Colorado's Framework for PWS Training

15%

Colorado's Safe Drinking Water Program provides training, technical assistance and management support services to PWSs so they can strengthen their capacity to supply safe drinking water to the public. The program prepared a Colorado PWS training strategy to guide

³³ DWSRF set-asides may only be used for drinking water project purposes.

³⁴ Montana Department of Environmental Quality Planning, Prevention and Assistance Division, 2014, Drinking Water State Revolving Fund Intended Use Plan and Project Priority List

³⁵ New Jersey Department of Environmental Protection, 2014, Drinking Water State Revolving Fund Final FFY 2014 Priority System, Intended Use Plan, Project Priority List and Response Document

³⁶ New Jersey Department of Environmental Protection, 2014, Status Report on the Implementation of New Jersey's Capacity Development Program

³⁷ Iowa Department of Natural Resources, 2014, Report to the Governor Water Safe to Drink in Iowa: Iowa's Drinking Water Capacity Development Program Fiscal Years 2012-2014

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the program’s work planning and priority setting and to serve as a resource and reference for training partners and other external agencies. Important components of implementing the strategy included promoting awareness of and collaboration among trainers and building trainer support services to the various trainers in the state.

The program partnered with the Rocky Mountain Section of the American Water Works Association to facilitate developing an administrative framework for the training strategy. The framework, *Colorado’s Drinking Water Operator Training Framework: A Blueprint for Building a Comprehensive, High-Quality and Targeted Training Program for Colorado’s Drinking Water Operators*, is intended to define the processes, guidelines and expected outcomes for training activities supported by the program and to assist in decision making regarding the allocation of funds and resources for PWS training services in the future.³⁸

New Jersey’s Special Purpose Sampling Efforts

10%

Even though set-asides cannot be used to fund routine sampling activities, they can be used for special purpose sampling and laboratory analyses of these special purpose samples, which is how NJDEP proposed to use additional funds in SFY 2015. NJDEP is conducting special purpose sampling for synthetic organic chemicals (SOCs) in raw water sources in order to provide a basis for the state’s SOC monitoring waiver program. NJDEP also samples all new water sources for an expanded list of contaminants, and they conduct limited occurrence studies for contaminants of emerging concern. NJDEP contracts with the Department of Health laboratory to analyze the samples.³⁹

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³⁸ Colorado Department of Public Health & Environment and Department of Local Affairs, 2015, Colorado Drinking Water Revolving Fund Intended Use Plan

³⁹ NJDEP, 2014, Drinking Water State Revolving Loan Program SFY 2015 Work Plans for Set-Asides

Water and Energy Efficiency

As water systems continually deal with limited budgets and increasing infrastructure costs, assessing water and energy use is vital towards building sustainable, resilient systems. Water and energy efficient programs utilize improved technologies and management practices to provide a high level of service while using less water and/or energy. Strategies include increased conservation, reuse efforts, water loss reduction, water loss prevention and renewable energy (e.g., solar, wind or other green power solutions). Water and energy efficient projects often times have the added benefit of reducing energy consumption, enhancing both the technical and financial capacity of a water system. These projects can increase suppliers' fiscal health by reducing operating costs, avoiding water purchases and postponing some capital improvement projects. This can be especially important for small, disadvantaged systems. State projects range from leak detection studies to sustainability proposals designed to increase a water system's resilience to extreme weather. Many states will hire or partner with third-party providers to conduct efficiency studies, and applicable funds can be drawn from multiple set-asides. Exhibit 12 shows which states conducted water and energy efficiency activities using the DWSRF set-asides and which set-asides they used to fund these activities. **Use of Set-Asides for Water and Energy Efficiency: 11 states use one set-aside; 5 states use a combination of set-asides.**

Exhibit 12: States that Funded Water and Energy Efficiency Activities Using DWSRF Set-Asides as of 2015⁴⁰

| State | 4% | 2% | 10% | 15% |
|---------------|----------|-------------------------------------|-------------------------------------|-------------------------------------|
| Colorado | | | | <input checked="" type="checkbox"/> |
| Florida | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Georgia | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Illinois | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Kentucky | | <input checked="" type="checkbox"/> | | |
| Maryland | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | | | | <input checked="" type="checkbox"/> |
| New Hampshire | | | | <input checked="" type="checkbox"/> |
| New Mexico | | | | <input checked="" type="checkbox"/> |
| Oklahoma | | | | <input checked="" type="checkbox"/> |
| Rhode Island | | | <input checked="" type="checkbox"/> | |
| South Dakota | | <input checked="" type="checkbox"/> | | |
| Utah | | <input checked="" type="checkbox"/> | | |
| Vermont | | | <input checked="" type="checkbox"/> | |
| Virginia | | | | <input checked="" type="checkbox"/> |
| TOTAL | 0 | 6 | 6 | 9 |

⁴⁰ Data related to "Leak Detection/Water Efficiency/Energy Efficiency" activities identified in Appendix A were used to generate this figure.

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Circuit Riders Conducting Leak Detection Surveys in Missouri

15%

Missouri plans to continue the leak detection program which began in 2011. This program includes contracting with circuit riders from the Missouri Rural Water Association to conduct leak detection surveys using water main leak location equipment. According to the Missouri Department of Natural Resources, by 2014 this program had already saved drinking water systems approximately \$336,000 and over 56 million gallons of finished water. This program has successfully identified leaks that had been undiscovered for over 20 years, costing one system about \$80,000 over that span of time. In 2014 alone, leak detection efforts saved water systems approximately \$12,000 and nearly 10 million gallons of water per month. This assistance allows water systems to become more sustainable and efficient, increasing their technical and financial capacity. The state anticipates the continued success of the leak detection program in creating more sustainable water systems. The program continued to reserve set-aside funds for this purpose in FFY 2016.⁴¹

Opportunity for Utah's Small Systems to Increase Energy Efficiency

2%

Utah's Division of Drinking Water (DDW) has created an energy efficiency program that all drinking water systems, regardless of size, are encouraged to participate in. Water systems in Utah that have implemented energy efficiency initiatives have saved between \$42,000 and \$300,000 annually. The DDW is encouraging all water systems to evaluate their operations and infrastructure to identify possible energy and cost-saving opportunities. Taking into consideration that small and very small systems are at a disadvantage, the DDW has used funding available from the 2 percent set-aside to partner with the Rural Water Association of Utah (RWAU) to purchase equipment that will be available for these systems to help them identify areas where energy efficiency can be improved. The new equipment includes leak detectors, a pipeline camera and an infrared camera, which are expected to last up to 10 years. RWAU and DDW staff will work together with small systems to use these tools to ultimately save energy and financial resources.⁴²

⁴¹ Missouri Department of Natural Resources, Division of Environmental Quality, Water Protection Program, Public Drinking Water Branch, 2014, Report to the Governor: Missouri Public Drinking Water Capacity Development <https://dnr.mo.gov/env/wpp/pdwb/docs/capacitydevelopment2014.pdf>

⁴² State of Utah Department of Environmental Quality Division of Drinking Water, 2015, 2015 DWSRF Intended Use Plan <http://www.deq.utah.gov/FeesGrants/funds/drinkingwater/docs/2015/02Feb/2015IUPfinal.pdf>

Addressing Sustainability through Maryland's Capacity Development Strategy

10% 15%

In their most recent capacity development report to the governor, Maryland Department of the Environment's Water Supply Program documented the change they made to their Capacity Development Strategy for Existing Systems. In 2009 they revised the program to include activities that ensure sufficient and sustainable water supplies for PWSs. This was prompted by severe drought conditions in the early 2000s and future water supply projections indicating some communities could experience drought if steps were not taken to encourage a better understanding of the hydrologic system and to include water efficiency and conservation in future planning. As part of the strategy implementation, areas for training and technical assistance efforts are identified and promoted, including water conservation, climate change and resiliency planning, water system security and emergency response and recovery. The revised strategy allows for improving upon Maryland's drought management plan, conducting hydrologic studies, assisting PWSs with developing and implementing capacity management plans and promoting the use of water conservation technologies.⁴³

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⁴³ Maryland Department of the Environment Water Supply Program, 2014, Report to Governor: Capacity Development for Maryland Public Drinking Water Systems

http://www.mde.state.md.us/programs/Water/Water_Supply/Source_Water_Assessment_Program/Documents/MD%202014%20Capacity%20Development%20Governor%20%20Report.pdf

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Partnerships

Through various types of water system partnerships, water systems could potentially reduce costs, increase operational efficiency and decrease vulnerability to disaster and emergency situations, such as drought or extreme weather. Through a variety of options, such as informal agreements, contracting for operations and maintenance services or mergers and acquisitions, partnerships have the ability to strengthen managerial and financial capabilities as well as provide more reliable services to customers. From an emergency preparedness standpoint, partnerships enable water systems to effectively respond to regional issues through collaboration. For example, a pump failure in a system without a partnering utility may lead to customers without water and sewerage services, but a system that has established partnerships might be able to rely on a neighboring system for assistance, such as a back-up generator, treated water, or other support that can reduce the amount of time that services are disrupted. Partnering organizations can also form regional commissions to advance collective objectives, such as source water protection. Exhibit 13 shows states that funded partnership activities using the DWSRF set-asides and which set-asides are used. ***Use of Set-Asides for Partnerships: 15 states use one set-aside; 5 states use a combination of set-asides.***

Encouraging Partnerships as a Strategy for Strengthening Small Systems in New York

2%

As part of their strategy for the Small Water Systems Program, the New York State Department of Health (NYSDOH) encourages and provides public health priority ranking points to small water systems to consider consolidation as a collaborative or regional approach to water supply services. In many cases, the additional public health priority ranking points are an incentive that results in improved DWSRF financing terms for those communities. The NYSDOH also encourages small systems to form partnerships, contract operation and maintenance services and implement mutual-aid agreements through joining the New York Water/Wastewater Emergency Response Network, which is a network of utilities that will provide other utilities assistance in the wake of a disaster or an emergency.⁴⁴

Providing Incentive for Consolidation in Washington

15%

Washington uses funds set-aside for capacity development to encourage water system consolidation by paying for the water system connection fees, paying for feasibility studies for systems considering consolidation and for pre-construction grants that cover some of the costs of planning and design. The intent is to provide greater public health protection by switching the customers' water supply from a system lacking capacity to a system that can provide reliably clean and safe drinking water.⁴⁵

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⁴⁴ New York Department of Health and Environmental Facilities Corporation, 2014, Final Intended Use Plan Drinking Water State Revolving Fund October 1, 2014-September 30, 2015

⁴⁵ State of Washington Department of Health Office of Drinking Water, 2015, Year 19 State Revolving Fund Set-aside Workplan: Local Assistance - Capacity (10 Percent of the 15 Percent)

Exhibit 13: States that Funded Partnership Activities Using DWSRF Set-Asides as of 2015 ⁴⁶

| | 4% | 2% | 10% | 15% |
|----------------|----------|----------|----------|-----------|
| State | | | | |
| California | | ☑ | ☑ | ☑ |
| Connecticut | | | ☑ | ☑ |
| Idaho | | | | ☑ |
| Kentucky | | | ☑ | ☑ |
| Louisiana | | | ☑ | |
| Maine | | | | ☑ |
| Massachusetts | | | ☑ | |
| Missouri | | | | ☑ |
| New Mexico | | | | ☑ |
| New York | | ☑ | | |
| Ohio | | ☑ | | |
| Oklahoma | | | | ☑ |
| Pennsylvania | | ☑ | | |
| South Carolina | | ☑ | | |
| Tennessee | | ☑ | | |
| Texas | | ☑ | | ☑ |
| Vermont | | | ☑ | |
| Washington | | | ☑ | ☑ |
| West Virginia | | | ☑ | |
| Wyoming | | ☑ | | |
| TOTAL | 0 | 8 | 8 | 10 |

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⁴⁶ Data related to “System Partnerships” and “Restructuring/Consolidation” activities identified in Appendix A were used to generate this figure.

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Consolidation Success in Texas

2%

The Texas Commission on Environmental Quality (TCEQ) provides free consolidation assessments for small water systems considering consolidation with a nearby system. In their 2014 report to the governor on capacity development, TCEQ included a success story for one investor-owned small water system that had undergone consolidation with assistance from the state's Financial, Managerial and Technical (FMT) Assistance Program. The owner had struggled to operate and manage the system, and the system lacked sufficient revenue to pay for required sampling and hire a licensed operator. FMT offered management assistance early on in 2013 while also exploring consolidation opportunities with the owner. FMT identified another water system interested in consolidating and supported the consolidation by facilitating meetings between the two facilities and answering questions. FMT ultimately assisted the systems in reaching an agreement to consolidate.⁴⁷

⁴⁷ Texas Commission on Environmental Quality (TCEQ), 2014, Governor's Report on the Texas Commission on Environmental Quality's Capacity Development Program

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Data Management

Accurate data management and updated information systems can greatly increase the overall function of a PWS. These efforts provide systems with the technical tools needed to map, collect, analyze and report data more efficiently. Some systems contract out activities such as GIS mapping, water meter data analysis and database subscriptions, and states can fund these services. Modeling is a particularly useful subsection of data management, which can provide predictive insight towards source water vulnerability and contamination. Other activities covered by set-aside funding include maintaining and updating the state's Safe Drinking Water Information System (SDWIS) data system and program specific databases, converting files to electronic recordkeeping, personal digital assistant services and software/hardware upgrades, such as GIS capabilities. Funding can apply to multiple set-asides for data management. Most states use set-asides to conduct data management activities. Exhibit 14 shows states that funded data management activities using the set-asides and which set-asides are used. ***Use of Set-Asides for Data Management: 12 states use one set-aside; 27 states use a combination of set-asides.***

Florida's Data Management Practices for Source Water Protection

As part of Florida's Source Water Protection Program, the state planned to conduct several data management-related activities in SFY 2015. The first activity included modeling to create an assessment area for performing a source water assessment for two surface water intakes that were added in 2010. For the second activity, Florida planned to make updates to the Florida Aquifer Vulnerability Assessment models by adding new and improved input data to GIS layers. The third task was to develop and populate a database for the Delineated Areas Program in order to track the permitting and construction of new wells in areas of known ground water contamination.⁴⁸

10%

Mapping Nevada's Small Systems' Assets

Technical assistance is provided to small water systems in Nevada to create electronic water system maps and asset databases. The effort allows systems to capture institutional knowledge and information from outdated paper maps, update it and store everything in one place using modern data management technologies. Nevada reported in their 2014 report to the governor on capacity development that the Nevada Rural Water Association had already assisted 23 water systems in identifying and mapping their assets. Not only do these water systems update and consolidate vital information, but they are also provided information on new tools for organizing data through this effort.⁴⁹

2%

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⁴⁸ Florida Department of Environmental Protection, 2015, Drinking Water State Revolving Fund Intended Use Plan for Use in State Fiscal Year 2015 Capitalization Grant

⁴⁹ Nevada Division of Environmental Protection, 2014, Capacity Development Report to the Governor

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides:
Building the Capacity of Drinking Water Systems

Exhibit 14: States that Funded Data Management Activities Using DWSRF Set-Asides as of 2015⁵⁰

| State | 4% | 2% | 10% | 15% |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Alabama | | | | |
| Alaska | | | | |
| Arizona | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Arkansas | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | | | <input checked="" type="checkbox"/> | |
| Georgia | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| Idaho | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois | | | | |
| Indiana | | | | |
| Iowa | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Kentucky | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | | | | |
| Maine | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | | | | <input checked="" type="checkbox"/> |
| Massachusetts | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | | | | |
| Mississippi | | | <input checked="" type="checkbox"/> | |
| Missouri | | | <input checked="" type="checkbox"/> | |
| Montana | | | <input checked="" type="checkbox"/> | |
| Nebraska | <input checked="" type="checkbox"/> | | | |
| Nevada | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| New Hampshire | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| New Jersey | | | <input checked="" type="checkbox"/> | |
| New Mexico | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | | | | |

⁵⁰ Data related to "Data Management" activities identified in Appendix A were used to generate this figure.

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| State | 4% | 2% | 10% | 15% |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Ohio | | | <input checked="" type="checkbox"/> | |
| Oklahoma | | | | |
| Oregon | | | | <input checked="" type="checkbox"/> |
| Pennsylvania | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Puerto Rico | | | | |
| Rhode Island | | | | <input checked="" type="checkbox"/> |
| South Carolina | | | | |
| South Dakota | | | <input checked="" type="checkbox"/> | |
| Tennessee | | | <input checked="" type="checkbox"/> | |
| Texas | | | | |
| Utah | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | | | | |
| TOTAL | 11 | 7 | 32 | 27 |

Pennsylvania's River Alert Information Network (RAIN)

15%

The River Alert Information Network (RAIN) was established in 2007 as an early warning spill detection system in the Ohio River Basin. This interstate network, initiated by 33 water systems, PADEP and California University of Pennsylvania, is a source water protection measure, which also involves updating and managing data. The system includes 23 monitoring sites and 47 water suppliers. PADEP allocates money to maintain the early warning spill detection system and upload user-friendly data, which alerts the member systems. In addition, RAIN provides technical assistance to member systems.⁵¹

⁵¹ PADEP, 2015, State FY 2015-2016 Drinking Water State Revolving Fund Workplan for the Use of Set-Aside Funding Under Sections 1452 (G) and 1452 (K) of the Federal Safe Drinking Water Act

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Wisconsin's Drinking Water System Database

10%

Wisconsin allocates set-aside funds to a third-party contractor to conduct data system programming for the Wisconsin DNR's Drinking Water System (DWS). The DWS is a public database that contains data from Wisconsin's PWSs. It is at the center of the PWSS Program in Wisconsin. The DWS includes the data and functionality to address the following (not all inclusive):

- Monitoring data and requirements including monitoring site plans;
- Water system inventory;
- Operator certification information;
- Consumer Confidence Reports (CCRs);
- A sanitary survey tool for tracking deficiencies and corrective actions and creating standardized assessment letters;
- RTCR assessments and triggers;
- RTCR seasonal system start-up and annual site visit tracking;
- Violation tracking, standardized violation letters and public notice forms; and
- Monthly operating reports.

Much of the DWS can be accessed via the internet by the general public, water system operators and health officials to learn about the quality of their drinking water.^{52, 53}

Rhode Island's Ground Water Quality Database

15%

Working with Environmental Systems Research Institute (ESRI) and internal Information Technology (IT) and GIS personnel, Rhode Island Department of Health is in the process of building a groundwater quality database, which would be made available to the local government and general public. The intent is to provide reliable ground water quality data that will assist local decision-makers in developing source water protection policies.⁵⁴

⁵² The Department of Natural Resources and The Department of Administration, 2014, State of Wisconsin Safe Drinking Water Loan Program Intended Use Plan for FFY 2014 Funds for the SFY 2015 Funding Cycle

⁵³ [http://prodoasext.dnr.wi.gov/inter1/pws2\\$.startup](http://prodoasext.dnr.wi.gov/inter1/pws2$.startup) Accessed 6 August 2016

⁵⁴ The Rhode Island Clean Water Finance Agency and The Rhode Island Department of Health, 2015, State of Rhode Island Drinking Water State Revolving Fund Work plan for the Local Assistance and Other State Programs Set-Aside

Emerging Contaminants

The goal of promoting funding for emerging contaminants is to expand the understanding of new threats to water quality, clean drinking water and public health. To ensure public health protection, new contaminants must be addressed proactively to protect drinking water, as well as watershed and ecosystem health. Set-aside funding can be used for research purposes, to learn more about emerging contaminants and to support new technologies designed to test for these chemicals. Understanding emerging contaminants can support source water protection, vulnerability assessments, technical assistance and outreach and training. A handful of states reported that they use set-asides to conduct activities related to emerging contaminants. Exhibit 15 shows the states that funded these activities and which set-asides they use. **Use of Set-Asides for Emerging Contaminants: 6 states use one set-aside.**

Exhibit 15: States that Funded Emerging Contaminants Research Activities Using DWSRF Set-Asides as of 2015⁵⁵

| | 4% | 2% | 10% | 15% |
|---------------|----------|----------|-------------------------------------|-------------------------------------|
| State | | | | |
| Connecticut | | | | <input checked="" type="checkbox"/> |
| Minnesota | | | <input checked="" type="checkbox"/> | |
| Missouri | | | <input checked="" type="checkbox"/> | |
| Montana | | | <input checked="" type="checkbox"/> | |
| Ohio | | | <input checked="" type="checkbox"/> | |
| West Virginia | | | | <input checked="" type="checkbox"/> |
| TOTAL | 0 | 0 | 4 | 2 |

⁵⁵ Data related to emerging contaminants (often specifically identified in each state matrix in the “Other” category) and other relevant activities identified in Appendix A were used to generate this figure.

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West Virginia's Consumer Drug Return Program

15%

In order to reduce pharmaceuticals in surface and ground water sources, West Virginia has initiated the West Virginia Consumer Drug Return Program. Instead of disposing of expired medication in the trash or flushing expired medication into water systems, which could ultimately contaminate source waters, consumers can safely dispose of drugs by bringing them to a pharmacy that participates in the program. Activities will be funded to expand and promote this program and source water protection to the public.^{56, 57}

Addressing Harmful Algal Blooms in Ohio

10%

Ohio used the set-asides to establish a fund of \$1.5 million to award grants to surface water PWSs to reimburse the purchase of cyanotoxin investigative monitoring equipment. The overall program goal is to promote investigative monitoring at surface water PWSs to enable them to react quickly to rapidly changing raw water conditions as a result of Harmful Algal Blooms (HABs) to protect public health. Having the capacity to analyze samples at the water supply instead of sending samples to an outside laboratory will allow flexibility in monitoring and timely response to any potential finished water detections. In addition, Ohio funds 9 FTEs for implementation of the Ohio HAB Response Strategy (<http://epa.ohio.gov/ddagw/HAB.aspx>). They provide outreach to surface water PWSs on the HABs Response Strategy and contingency planning during all times of the year. During HABs season (May-August), Ohio EPA staff assists PWSs in responding to raw and finished water cyanotoxin detections and optimizing treatment. Staff also provide backup on raw and finished water sampling.

⁵⁶ West Virginia Department of Health and Human Resources, 2015, Drinking Water Program SFY 2015 Guidance and Reporting Checklist

⁵⁷ <http://www.wvrivers.org/threats/keeping-prescription-drugs-out-of-rivers> Accessed 6 August 2016

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Other Innovative Uses of Set-Asides

Innovation is a key concept when considering the multitude of challenges faced by PWSs, such as aging infrastructure, increasing energy costs, revenue loss and extreme weathers. Set-aside funding can be used to support activities that directly benefit systems in new ways. These innovative activities are often unique to the state's own needs and may address issues not faced by all states. Innovations may be in a variety of areas, including testing procedures, design or energy management strategies, financing techniques to secure funding, concept technology aimed at improving functionality and compliance and ways to mitigate the effects of disaster and emergency situations. Most states perform some sort of innovative activity using the set-asides. Highlighted below are just a few examples of how states are conducting "out of the box" activities funded by DWSRF set-asides.

Idaho's Autodialer System

Idaho uses capacity development funds to pay for an autodialer, which reminds water system operators and owners about required sampling. The system is set up to both call and email a water system when the SDWIS database shows that the system has not sampled within the last two weeks of a compliance period. Not only has the autodialer reduced the number of monitoring violations by 47 percent, but it has also reduced the amount of time the Idaho Department of Environmental Quality staff spend reminding water systems to sample. This has proven to be a cost- and time-saving effort that ultimately increases public health protection. The autodialer system can provide further benefit by disbursing other vital or emergency information to water systems.⁵⁸

15%

Massachusetts's Stakeholder Initiatives

MassDEP reported in their most recent capacity development report to the governor that they initiated two Stakeholder Involvement Initiatives between 2010 and 2014. This effort was to encourage partnerships among non-profit organizations, environmental agencies and PWSs to increase water system capacity. Both initiatives offered training, site visits and mentoring to water systems. During the second initiative, MassDEP partnered with the Massachusetts Rural Water Association, United States Department of Agriculture, Environmental Finance Center Network and Texas A&M Engineering Extension School to provide trainings to PWSs on various topics, including leak detection, pump and motor maintenance, rate setting, board training, public relations, disinfection and sampling. A total of 82 technical activities were carried out between SFY 2012 and 2014 through these stakeholder initiatives.⁵⁹

2%

⁵⁸ Idaho Department of Environmental Quality, 2014, Idaho Drinking Water Program Set-Asides <http://www.cifanet.org/documents/14Work/MaryAnnaPeavey.pdf>

⁵⁹ Massachusetts Department of Environmental Protection Bureau of Resource Protection Division of Watershed Management Drinking Water Program, 2014, Capacity Development Report: Triennial Report Safe Drinking Water Act Section 1420(c)(3)

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Rhode Island's Generator Project

15%

The state of Rhode Island is reserving set-aside funds to explore back-up power generator options. The state previously performed a generator needs assessment and will use it to inform planning for a new generator project. The proposed project will offer training, on-site technical assistance and other incentives to install generators or quick connection switches to provide reliable power during emergency and disaster situations.⁶⁰

⁶⁰ The Rhode Island Clean Water Finance Agency and The Rhode Island Department of Health, 2015, State of Rhode Island Drinking Water State Revolving Fund Work plan for the Local Assistance and Other State Programs Set-Aside

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Conclusion: DWSRF Considerations for the Future

The DWSRF provides critical funding to ensure protection of public health in communities across the U.S. The DWSRF set-asides strengthen water system management practices and address current system challenges and increase long-term capacity of systems nationwide. States conduct a wide variety of activities using the four DWSRF set-asides to strengthen the PWSS Program and implement the three preventative programs for Capacity Development, Operator Certification and Source Water Protection. The following activities are some of the ways that states can use set-asides.⁶¹

- Provide various forms of outreach and training to PWSs, local officials and the public;
- Offer technical assistance to disadvantaged systems;
- Encourage PWSs to sharpen their financial management skills and to conduct rate studies to develop more sustainable rate structures;
- Engage in source water and wellhead protection activities, which includes new research, state plans and improved databases, among others;
- Support and advance state drinking water programs and also state Operator Certification and Capacity Development Programs;
- Explore and implement ways to increase the water and energy efficiency of PWSs;
- Engage in partnerships with other PWSs, organizations and even with other states to encourage increased capacity (e.g., through consolidation), source water protection and for other various purposes;
- Explore and update data management technologies and making vital data available to the public and government officials using new data platforms; and
- Research emerging contaminants and implementing programs to prevent contamination.

The broad diversity in potential activities provide the opportunity to consider the differences in states' program organization and priorities in order to identify the activities and funding mechanisms that are most appropriate for each state. Each state develops their own balance between funding infrastructure through DWSRF loans and funding non-infrastructure projects through the DWSRF set-asides, and the balance of funding may change over time as needs change. Identifying the ideal state-specific balance is crucial to managing a successful drinking water program. States should regularly review their Capacity Development Program and PWSS Program priorities to determine the overall effectiveness of set-aside usage.

Set-aside funds support capacity development as a means toward achieving long-term sustainability. This document provides states with a framework by which to evaluate their own set-aside usage and consider new ways to use set-asides in their state that will work to further enhance PWS capacity. By continuing to maintain robust communication and collaboration between state Capacity Development and DWSRF Programs, states will be able to ensure that funds are used efficiently and effectively for the protection of public health.

⁶¹ View more information on eligible activities under the DWSRF set-asides in the *2017 Drinking Water State Revolving Fund Eligibility Handbook*, which is available at <https://www.epa.gov/drinkingwatersrf/dwsrf-eligibility-handbook>.

IV. Appendix A: Matrix of Set-Aside Use

Introduction

The information addressed in this appendix was obtained from various sources. The state activities were identified using a combination of:

1. DWSRF National Information Management System (DWNIMS);
2. State DWSRF Intended Use Plans (IUPs);
3. State DWSRF set-aside work plans; and
4. Latest state triennial capacity development reports to the governor.

The information taken from the Governor Reports discuss the activities the states took from 2012-2014, while the IUPs and work plans discuss the activities the states intend to take. For the most part, the IUPs and work plans address proposed activities that were to be undertaken in SFY 2015 using the DWSRF capitalization grants from FFY 2014 or FFY 2015. However, in some cases the available information had to be taken from reports that document proposed activities for 2016, and in a few cases proposed activities for 2014. The year addressed in each report used to gather information on state activities is included on each state's table in Appendix A.

The financial information for all set-asides was taken from EPA's Drinking Water National Information Management System (DWNIMS) data. The period reported for the financial information for all states is from July 1, 2014 to June 30, 2015. The "Set-aside Total" reports the cumulative amount awarded, including transfers, since the DWSRF was established. Similarly, the amount "Expended" is cumulative, and the amount "Remaining" is the difference between the cumulative "Set-aside Total" and the cumulative amount "Expended." The percentage reported after the "Set-aside Total" is the percent the state chose to take during the reporting period. States do not always choose to use the full set-aside available, and this percentage varies among states. The percentage listed adjacent to the monetary amount "Expended" is the percent of the "Set-aside Total" used, and the percentage listed adjacent to the monetary amount "Remaining" is the percent of the "Set-aside Total" not used.

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| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|-----------------------------|---|----------------------------------|--|---|-----------------------------------|---|--------------------------|---|---|
| State: | Alabama | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information | | Financial Information: | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$7.23M (4.00%) | | Set-Aside Total: \$0.88M (0.00%) | | Set-Aside Total: \$1.12M (0.00%) | | Set-Aside Total: \$2.88M (0.00%) | |
| Governor's Report: 2014 | | Expended: \$5.81M (80.41%) | | Expended: \$0.85M (96.87%) | | Expended: \$1.12M (100.00%) | | Expended: \$2.88M (100.00%) | |
| DWNIMS: 2015 | | Remaining: \$1.42M (19.59%) | | Remaining: \$0.03M (3.13%) | | Remaining: \$0.00M (0.00%) | | Remaining: \$0.00M (0.00%) | |
| Activity Categories | | General | | Specific set-aside activities not provided in state reports. ² | | Specific set-aside activities not provided in state reports. ² | | Specific set-aside activities not provided in state reports. ² | |
| State Program | Staff | X | | | | | | | |
| | General Drinking Water Admin. | | | | | | | | |
| | DWSRF Administration | X | | | | | | | |
| | Data Management | | | | | | | | |
| | Inspections | | | | | | | | |
| | Sanitary Surveys | | | | | | | | |
| | Compliance Activities | | | | | | | | |
| | Enforcement | | | | | | | | |
| Capacity Development | Capacity Development Program | | | | | | | | |
| | Technical | | | | | | | | |
| | Managerial | | | | | | | | |
| | Financial | | | | | | | | |
| General Activities | Public Education/Outreach | | | | | | | | |
| | Operator Certification | | | | | | | | |
| | Other System Training | | | | | | | | |
| | Circuit Riding/Site Visits | | | | | | | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | | | | | | |
| DWSRF Help | Loan Application Assistance | | | | | | | | |
| | Planning/Design/Engineering Services | | | | | | | | |
| Security Issues | ERP Assistance | | | | | | | | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | |
| | Wellhead Protection & Mgmt | | | | | | | | |
| | Land Acquisition | | | | | | | | |
| Other | | | Travel, training, supplies, audit fees, and "indirect costs" | | | | | | |

¹ IUP describes projected activities for FY 2015 using funds from FFY 2015 capitalization grant. Program income collected after the grant period will be used for administration of the PWSS program, small system technical assistance, Class V UIC program, development of the drinking water operator certification program, capacity development, and wellhead protection programs.

² Information on activities from 2014 Governor's Report is not included since information on funding sources was not included in the report.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | |
|---------------------------------|---|---|-----------------------------------|--------------------------|---|---|
| State: | Alaska | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | |
| IUP: 2015 ¹ | Financial Information | | Financial Information | | Financial Information | |
| Workplan: 2015 ¹ | Set-Aside Total: \$7.65M (4.00%) | | Set-Aside Total: \$2.54M (2.00%) | | Set-Aside Total: \$9.52M (10.00%) | |
| Governor's Report: 2014 | Expended: \$7.62M (99.71%) | | Expended: \$2.13M (84.05%) | | Expended: \$9.14M (96.06%) | |
| DWNIMS: 2015 | Remaining: \$0.02M (0.29%) | | Remaining: \$0.4M (15.95%) | | Remaining: \$0.38M (3.94%) | |
| Activity Categories | | General | General | General | Capacity Development | Drinking Water and Wellhead Protection |
| State Program | Staff | X | X | | | |
| | General Drinking Water Admin. | | | Primacy implementation | | |
| | DWSRF Administration | X | | | | |
| | Data Management | | | | | |
| | Inspections | | | | Onsite status component assessments | |
| | Sanitary Surveys | | | | X | |
| | Compliance Activities | Assist systems in performing project audits and conducting capacity reviews | | | X | |
| | Enforcement | | | X | | |
| Capacity Development | Capacity Development Program | | | | X | |
| | Technical | | | | X | |
| | Managerial | | | | X | |
| | Financial | | | | X | |
| GENERAL ACTIVITIES | Public Education/Outreach | | | X | See Comment 1 | X |
| | Operator Certification | | | | X | |
| | Other System Training | | Small system training development | | | Assist with the implementation of wellhead protection plans |
| | Circuit Riding/Site Visits | | | | | |
| | Rate Studies | | | | | |
| | Pilot Studies | | | | | |
| | Plant Optimization (AWOP) | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | |
| | System Partnerships | | | | | |
| | Restructuring/Consolidation | | | | | |
| | Small System Assistance | | X | | | |
| Disadvantaged System Assistance | | | | | | |
| Other Technical Assistance | | Direct TA to small system operators and owners | | X | See Comment 2 | See Comment 3 |
| DWSRF HELP | Loan Application Assistance | X | | | | |
| | Planning/Design/Engineering Services | | | X | | |
| SECURITY ISSUES | ERP Assistance | | | | | X |
| | VA Assistance | | | | | X |
| SWP EFFORTS | Source Water Protection & Mgmt | | | | | See Comment 4 |
| | Wellhead Protection & Mgmt | | | | | X |
| | Land Acquisition | | | | | |
| OTHER | | | | | | |

¹ IUP and Workplan describe projected set-aside activities for SFY 2015 with funds from FFY 2014 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|---|
| Alaska | |
| Comments | |
| 1 | Public outreach on capacity issues, sustainability, and asset management |
| 2 | Provide technical assistance to PWS owners and operators during onsite sanitary survey activities, onsite status component inspections, and comprehensive performance evaluations training workshops |
| 3 | Provide technical assistance to PWS owners and operators during PWS source water assessments QA/QC field verification activities, during sanitary surveys on development of drinking water protection management plans and also PWS security and emergency preparedness issues and activities |
| 4 | PWS source water assessments of new systems and complete Quality Assurance / Quality Control of existing systems |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | |
|-----------------------------|---|---------------------------------------|-----------------------------------|------------------------------------|--|---------------------|
| State: | Arizona | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | |
| IUP: 2015 ¹ | Financial Information | | Financial Information: | | Financial Information: | |
| Workplan: 2015 ¹ | Set-Aside Total: \$12.69M (4.00%) | | Set-Aside Total: \$2.83M (1.90%) | | Set-Aside Total: \$13.51M (3.70%) | |
| Governor's Report: 2014 | Expended: \$12.52M (98.67%) | | Expended: \$1.61M (56.94%) | | Expended: \$12.74M (94.29%) | |
| DWNIMS: 2015 | Remaining: \$0.17M (1.33%) | | Remaining: \$1.22M (43.06%) | | Remaining: \$0.77M (5.71%) | |
| Activity Categories | | General | Capacity Development | PWSS | Technical Assistance Program | Wellhead Protection |
| State Program | Staff | X | | | | |
| | General Drinking Water Admin. | X | | | | |
| | DWSRF Administration | X | X | | | |
| | Data Management | | See Comment 1 | | X | |
| | Inspections | | | | | |
| | Sanitary Surveys | | | | | |
| | Compliance Activities | | | Regulatory guidance and assistance | X | |
| | Enforcement | | | | | |
| Capacity Development | Capacity Development Program | | X | X | | |
| | Technical | | X | X | | |
| | Managerial | | X | X | | |
| | Financial | | X | X | | |
| General Activities | Public Education/Outreach | | X | | | |
| | Operator Certification | | X | X | | |
| | Other System Training | | | | X | |
| | Circuit Riding/Site Visits | | | | | |
| | Rate Studies | | | | Water and wastewater residential rate survey | |
| | Pilot Studies | | | | | |
| | Plant Optimization (AWOP) | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | |
| | System Partnerships | | | | | |
| | Restructuring/Consolidation | | | | | |
| | Small System Assistance | | X | | | |
| | Disadvantaged System Assistance | | | | X | |
| | Other Technical Assistance | | | | X | |
| DWSRF Help | Loan Application Assistance | | | | | |
| | Planning/Design/Engineering Services | | | X | See Comment 2 | |
| Security Issues | ERP Assistance | | X | | | |
| | VA Assistance | | X | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | X | | X |
| | Wellhead Protection & Mgmt | | | | | X |
| | Land Acquisition | | | | | |
| Other | | | | | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

DWSRF Set-Aside Spending

Arizona

Comments

| | |
|---|---|
| 1 | Tracking new PWSs that demonstrate technical, managerial, and financial capacity through submission of an elementary business plan and compiling Master Priority Lists for all CWSs and NTNCWSs |
| 2 | General planning and design technical assistance with an emphasis on "green" projects; professional technical assistance for approximately 40 systems selected to participate in the 2015 Drinking Water Needs Survey |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | |
|-----------------------------|---|-----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|--|--------------------------|---|---|--|
| State: | Arkansas | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | |
| Workplan: 2016 ² | | Set-Aside Total: \$20.21M (3.70%) | | Set-Aside Total: \$2.22M (0.00%) | | Set-Aside Total: \$17.57M (10.00%) | | Set-Aside Total: \$25.65M (0.00%) | | |
| Governor's Report: 2014 | | Expended: \$12.78M (63.23%) | | Expended: \$1.73M (77.72%) | | Expended: \$15.49M (88.18%) | | Expended: \$20.87M (81.36%) | | |
| DWNIMS: 2015 | | Remaining: \$7.43M (36.77%) | | Remaining: \$0.5M (22.28%) | | Remaining: \$2.08M (11.82%) | | Remaining: \$4.78M (18.64%) | | |
| Activity Categories | | General | | General | | General | | Capacity Development | Wellhead Protection | |
| State Program | Staff | X | | X | | X | | X | X | |
| | General Drinking Water Admin. | | | | | | | | | |
| | DWSRF Administration | X | | | | X | | | | |
| | Data Management | | | | | Compliance tracking system | | | Map underground infrastructure with GIS | |
| | Inspections | | | | | Complaint investigations | | | | |
| | Sanitary Surveys | | | | | X | | X | | |
| | Compliance Activities | | | | | Engineering section will ensure compliance with SDWA | | | | |
| | Enforcement | | | | | | | | | |
| Capacity Development | Capacity Development Program | | | X | | | | X | | |
| | Technical | | | X | | | | X | | |
| | Managerial | | | X | | | | X | | |
| | Financial | | | X | | | | X | | |
| General Activities | Public Education/Outreach | | | | | | | Quarterly newsletter | X | |
| | Operator Certification | | | | | | | X | | |
| | Other System Training | | | | | | | X | | |
| | Circuit Riding/Site Visits | | | See Comment 1 | | | | | Hydrologic sensitivity assessments | |
| | Rate Studies | | | | | | | | | |
| | Pilot Studies | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | X | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | |
| | System Partnerships | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | |
| | Small System Assistance | | | X | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | |
| | Other Technical Assistance | | | X | | X | | See Comment 2 | Facilitate local ground water protection activities | |
| DWSRF Help | Loan Application Assistance | | | | | | | | | |
| | Planning/Design/Engineering Services | | | | | Engineering plan reviews | | Permitting; long range planning document | | |
| Security Issues | ERP Assistance | | | | | | | | | |
| | VA Assistance | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | Review/protection of point and non-point discharges | | |
| | Wellhead Protection & Mgmt | | | | | | | | See Comment 3 | |
| | Land Acquisition | | | | | | | | | |
| Other | | | | | | Update IT equipment as needed | | CPEs | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2012, 2013, and 2014 capitalization grants.

² Workplan describes projected set-aside activities for SFY 2016 using funds from FFY 2015 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|---|
| Arkansas | |
| Comments | |
| 1 | Assessments of water system needs; provide corrective action plans addressing identified deficiencies |
| 2 | Training and technical assistance in drafting consumer confidence reports and source water protection plans |
| 3 | Assistance in well siting, aquifer identification, construction, source inventories, hydrologic assessments |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | |
|--------------------------------------|---|---------------------------------------|------------------------------------|--------------------------|---|--|
| State: | California | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | |
| IUP: 2016 ¹ | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2016 ¹ | Set-Aside Total: \$63.M (4.00%) | | Set-Aside Total: \$10.58M (40.00%) | | Set-Aside Total: \$74.15M (10.00%) | |
| Governor's Report: 2013 ² | Expended: \$60.57M (96.14%) | | Expended: \$7.07M (66.80%) | | Expended: \$66.78M (90.06%) | |
| DWNIMS: 2015 | Remaining: \$2.43M (3.86%) | | Remaining: \$3.51M (33.20%) | | Remaining: \$7.37M (9.94%) | |
| Activity Categories | | General | General | PWSS | Capacity Development | |
| State Program | Staff | X | | | X | |
| | General Drinking Water Admin. | | | See Comment 1 | | |
| | DWSRF Administration | X | | | X | |
| | Data Management | X | | X | X | |
| | Inspections | | | X | X | |
| | Sanitary Surveys | | | X | X | |
| | Compliance Activities | | X | See Comment 2 | X | |
| | Enforcement | | | X | | |
| Capacity Development | Capacity Development Program | | X | X | X | |
| | Technical | | X | | X | |
| | Managerial | | X | | X | |
| | Financial | | X | | X | |
| General Activities | Public Education/Outreach | | X | X | X | |
| | Operator Certification | | | | X | |
| | Other System Training | | | X | X | |
| | Circuit Riding/Site Visits | | | | | |
| | Rate Studies | | | | X | |
| | Pilot Studies | | | | | |
| | Plant Optimization (AWOP) | | | | | |
| | Leak Detection/Water Efficiency/ Energy Efficiency | | | | | |
| | System Partnerships | | | | | |
| | Restructuring/Consolidation | | X | X | X | |
| | Small System Assistance | | X | | X | |
| | Disadvantaged System Assistance | | | | Self-Help Enterprises (SHE) | |
| Other Technical Assistance | | | | TMF tune-up prior to TA | | |
| DWSRF Help | Loan Application Assistance | | X | | X | |
| | Planning/Design/Engineering Services | X | X | X | X | |
| Security Issues | ERP Assistance | | | X | California drought relief support | |
| | VA Assistance | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | X | | |
| | Wellhead Protection & Mgmt | | | | | |
| | Land Acquisition | | | | | |
| Other | Needs Survey | | | See Comment 3 | | |

¹ IUP and Workplan describe projected set-aside activities for SFY 2015-2016 using funds from FFY 2015 capitalization grant.

² The 2013 Governor's Report describes Drinking Water Capacity Development Program activities from 2008 - 2012

| DWSRF Set-Aside Spending California | |
|--|--|
| Comments | |
| 1 | Revision and submission of primacy packages, rule implementation, and development and implementation of a guidance plan based on results from 2009 Program Review |
| 2 | Perform general compliance activities (i.e., SDWA compliance) and maintain a quality assurance management plan and certification for laboratories |
| 3 | Special initiatives: California will monitor and participate in national committees on EPA rule development efforts (e.g., participate in the development of SDWIS Next Generation and participate in NSF Joint Committees for Drinking Water Additives and Water Treatment Devices) |
| | |

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| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | |
|--------------------------|---|---------------------------------------|-----------------------------------|------------------------------------|---|---------------------|
| State: | Colorado | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$12.23M (4.00%) | Set-Aside Total: \$5.83M (2.00%) | Set-Aside Total: \$20.13M (10.10%) | Set-Aside Total: \$35.86M (15.10%) | |
| Governor's Report: 2014 | | Expended: \$10.36M (84.73%) | Expended: \$5.21M (89.37%) | Expended: \$15.89M (78.93%) | Expended: \$28.07M (78.26%) | |
| DWNIMS: 2015 | | Remaining: \$1.87M (15.27%) | Remaining: \$0.62M (10.63%) | Remaining: \$4.24M (21.07%) | Remaining: \$7.8M (21.74%) | |
| Activity Categories | | General | General | PWSS | Capacity Development | Wellhead Protection |
| State Program | Staff | X | X | X | 2015 Administrative Framework Strategy | X |
| | General Drinking Water Admin. | | | X | | |
| | DWSRF Administration | X | | | | |
| | Data Management | | | System upgrades and maintenance | X | X |
| | Inspections | | | X | X | |
| | Sanitary Surveys | | X | Laboratory expenses | X | X |
| | Compliance Activities | | | Regulatory development | X | X |
| | Enforcement | | | X | ETT | |
| Capacity Development | Capacity Development Program | | X | Strategy development | X | |
| | Technical | | | X | X | X |
| | Managerial | | | | X | |
| | Financial | | | | X | X |
| General Activities | Public Education/Outreach | | | | | X |
| | Operator Certification | | | | X | |
| | Other System Training | | Training curriculum | X | | |
| | Circuit Riding/Site Visits | | | | | |
| | Rate Studies | | | | | |
| | Pilot Studies | | | | | |
| | Plant Optimization (AWOP) | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | X | |
| | System Partnerships | | | | | |
| | Restructuring/Consolidation | | | | | |
| | Small System Assistance | | X | | | |
| | Disadvantaged System Assistance | | | | | |
| | Other Technical Assistance | X | X | X | 1-on-1 training program | X |
| DWSRF Help | Loan Application Assistance | | | | Grant and contract management | |
| | Planning/Design/Engineering Services | | | Staffing for engineering roles | | |
| Security Issues | ERP Assistance | | | X | | |
| | VA Assistance | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | SWAP Support | X | X |
| | Wellhead Protection & Mgmt | | | | | X |
| | Land Acquisition | | | | | |
| Other | | | | Vehicle and operational costs | | |

¹ IUP describes projected set-aside activities for calendar year 2015 using estimated funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | |
|-----------------------------|---|---|---------------------------------------|----------------------------------|--|---|--------------------------|--------------------------------------|---|--|
| State: | Connecticut | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | |
| Workplan: 2016 ² | | Set-Aside Total: \$6.47M (4.00%) | | Set-Aside Total: \$3.33M (2.00%) | | Set-Aside Total: \$16.82M (10.00%) | | Set-Aside Total: \$24.94M (15.00%) | | |
| Governor's Report: 2014 | | Expended: \$7.19M (111.18%) | | Expended: \$3.25M (97.71%) | | Expended: \$16.63M (98.87%) | | Expended: \$21.28M (85.32%) | | |
| DWNIMS: 2015 | | Remaining: -\$0.72M (-11.18%) | | Remaining: \$0.08M (2.29%) | | Remaining: \$0.19M (1.13%) | | Remaining: \$3.66M (14.68%) | | |
| Activity Categories | | General | | General | | PWSS | | Capacity Development | | Wellhead Protection |
| State Program | Staff | Existing administrative and fiscal management staff | | X | | UCONN interns | | | | Contract Regulatory Advisor |
| | General Drinking Water Admin. | | | | | X | | | | X |
| | DWSRF Administration | X | | | | See Comment 3 | | X | | |
| | Data Management | See comment 1 | | | | Update and maintain Drinking Water Section's GIS system | | Maintain DWSRF PBR system and DWNIMS | | GIS application and database |
| | Inspections | | | | | | | X | | Watershed inspections |
| | Sanitary Surveys | | | X | | | | X | | |
| | Compliance Activities | | | X | | | | X | | |
| | Enforcement | | | | | | | X | | |
| Capacity Development | Capacity Development Program | | | X | | | | X | | |
| | Technical | | | X | | | | X | | |
| | Managerial | | | X | | | | X | | |
| | Financial | | | X | | | | X | | |
| General Activities | Public Education/Outreach | | | | | X | | X | | X |
| | Operator Certification | | | | | | | X | | |
| | Other System Training | | | Asset management training | | Needs survey training | | X | | |
| | Circuit Riding/Site Visits | | | | | | | | | |
| | Rate Studies | | | | | | | | | |
| | Pilot Studies | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | X | | |
| | Leak Detection/Water Efficiency/ Energy Efficiency | | | | | | | | | |
| | System Partnerships | | | | | | | | | |
| | Restructuring/Consolidation | | | | | X | | X | | |
| | Small System Assistance | | | X | | | | X | | |
| | Disadvantaged System Assistance | | | | | | | | | |
| Other Technical Assistance | | | | | TA regarding reporting requirements of water quality and inventory data in SDWIS | | X | | | |
| DWSRF Help | Loan Application Assistance | X | | X | | | | X | | |
| | Planning/Design/Engineering Services | | | X | | X | | X | | |
| Security Issues | ERP Assistance | | | | | | | X | | |
| | VA Assistance | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | Review and approval of proposed sources of supply | | See Comment 4 | | 5-year SWP Strategic Plan; see Comment 5 |
| | Wellhead Protection & Mgmt | | | | | | | | | X |
| | Land Acquisition | | | | | | | | | X |
| Other | Attend workshops to improve DWSRF program | | See Comment 2 | | Legal assistance regarding DWSRF program | | CECs | | Prevent septic system failures | |

¹ IUP describes projected set-aside activities during SFY 2014 through SFY 2015 using funds from FFY 2013 and 2014 capitalization grants.

² Workplan describes projected set-aside activities for FY 2016 using funds from FFY 2015 and previous years' capitalization grants.

| DWSRF Set-Aside Spending | |
|---------------------------------|---|
| Connecticut | |
| Comments | |
| 1 | Development of a state-wide project: a financial management system for the DWSRF program |
| 2 | Review and inspect DWSRF projects submitted to the Small System Emergency Power Generator Program |
| 3 | Includes general DWSRF administrative activities and the following activities: coordinate grant administration; prepare DWSRF guidance documents and workplans; prepare contracts; review and approve proposed sources of supply; attend workshops and trainings to improve the DWSRF program; and coordinate loan agreements |
| 4 | Review water quantity and quality of newly-developed sources |
| 5 | The 5-year Source Water Protection Strategic Plan emphasizes 5 main areas: regulatory, management planning, education and training, cross program linkages, and stakeholder involvement |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | |
|-----------------------------|---|----------------------------------|---------------------------------------|--|-----------------------------------|------------------------------------|----------------------------------|-------------------------------|---|-------------------------|
| State: | Delaware | | | | | | | | | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | | Financial Information: | |
| Workplan: 2016 ¹ | | Set-Aside Total: \$6.64M (4.00%) | | Set-Aside Total: \$10.37M (2.00%) | | Set-Aside Total: \$14.12M (10.00%) | | | Set-Aside Total: \$16.52M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$5.58M (84.08%) | | Expended: \$2.24M (21.63%) | | Expended: \$13.87M (98.20%) | | | Expended: \$12.36M (74.85%) | |
| DWNIMS: 2015 | | Remaining: \$1.06M (15.92%) | | Remaining: \$8.13M (78.37%) | | Remaining: \$0.25M (1.80%) | | | Remaining: \$4.15M (25.15%) | |
| Activity Categories | | General | | General | | Operator Certification | Source Water Protection | PWSS | Capacity Development | Source Water Protection |
| State Program | Staff | X | | X | | X | | X | | |
| | General Drinking Water Admin. | | | | | X | | | | |
| | DWSRF Administration | X | | X | | | X | | | |
| | Data Management | | | | | Track operator licensures | DE Environmental Navigator (DEN) | Lab-to-state program in SDWIS | | X |
| | Inspections | | | | | | X | | | |
| | Sanitary Surveys | | | | | | | | X | |
| | Compliance Activities | | | X | | | | X | X | |
| | Enforcement | | | | | | | X | X | |
| Capacity Development | Capacity Development Program | | | | | | | | X | |
| | Technical | | | | | | | | X | |
| | Managerial | | | | | | | | X | |
| | Financial | | | | | | | | X | |
| General Activities | Public Education/Outreach | | | Recruit students for Drinking Water Training Program | | Newsletter | X | | | X |
| | Operator Certification | | | X | | X | | | X | |
| | Other System Training | | | X | | | | | X | |
| | Circuit Riding/Site Visits | | | X | | | X | | | |
| | Rate Studies | | | X | | | | | | |
| | Pilot Studies | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | X | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | |
| | System Partnerships | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | |
| | Small System Assistance | | | X | | | | | CUPSS | |
| | Disadvantaged System Assistance | | | | | | | | | |
| | Other Technical Assistance | | | Seasonal system TA | | | | | LCR | X |
| DWSRF Help | Loan Application Assistance | | | X | | | | | X | |
| | Planning/Design/Engineering Services | | | | | | See Comment 2 | | X | |
| Security Issues | ERP Assistance | | | | | | | | X | |
| | VA Assistance | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | | X |
| | Wellhead Protection & Mgmt | | | | | | | | | X |
| | Land Acquisition | | | | | | | | | |
| Other | | | | See Comment 1 | | | | New PWS TA | See Comment 3 | |

¹ IUP and Workplan describe projected set-aside activities for FY 2016 using funds from FFY 2015 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|--|
| Delaware | |
| Comments | |
| 1 | Drinking Water Training program, which will also include tuition assistance, student support, and assistance in job placement |
| 2 | Regulations governing large On-Site Wastewater Treatment and Disposal Systems, revised permit requirements based on updated regulations, and revised UIC regulations |
| 3 | Integration of SWAPP with other local, state, and federal programs |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|--------------------------------------|---|----------------------------------|---------------------------------------|---|-----------------------------------|-----------------------------------|--------------------------------------|--|---|
| State: | Florida | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2015 ¹ | | Set-Aside Total: \$6.77M (0.00%) | | Set-Aside Total: \$10.46M (2.00%) | | Set-Aside Total: \$39.31M (1.00%) | | Set-Aside Total: \$2.93M (0.00%) | |
| Governor's Report: 2014 | | Expended: \$6.77M (100.00%) | | Expended: \$8.76M (83.81%) | | Expended: \$26.68M (67.85%) | | Expended: \$2.93M (100.00%) | |
| DWNIMS: 2015 | | Remaining: \$0.M (0.00%) | | Remaining: \$1.69M (16.19%) | | Remaining: \$12.64M (32.15%) | | Remaining: \$0.M (0.00%) | |
| | | General | | General | | Source Water Protection | PWSS | Specific set-aside activities not provided in state reports. | |
| State Program | Staff | X | | Circuit riders, professional engineers, comprehensive technical assistance trainers | | X | | | |
| | General Drinking Water Admin. | | | | | | Implement recently promulgated rules | | |
| | DWSRF Administration | X | | | | | X | | |
| | Data Management | | | | | See Comment 1 | Track compliance | | |
| | Inspections | | | | | X | X | | |
| | Sanitary Surveys | | | X | | X | X | | |
| | Compliance Activities | | | X | | X | X | | |
| | Enforcement | | | X | | | X | | |
| Capacity Development | Capacity Development Program | | | Capacity assessments | | | X | | |
| | Technical | | | X | | | X | | |
| | Managerial | | | X | | | X | | |
| | Financial | | | X | | | X | | |
| General Activities | Public Education/Outreach | | | X | | | X | | |
| | Operator Certification | | | | | | X | | |
| | Other System Training | | | X | | X | X | | |
| | Circuit Riding/Site Visits | | | X | | | | | |
| | Rate Studies | | | | | | X | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | X | | | X | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | X | | | Water audits | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | X | | X | X | | |
| | Disadvantaged System Assistance | | | X | | | | | |
| | Other Technical Assistance | | | | | | | | |
| | DWSRF Help | Loan Application Assistance | | | X | | | | |
| Planning/Design/Engineering Services | | | | X | | | X | | |
| Security Issues | ERP Assistance | | | | | | X | | |
| | VA Assistance | | | X | | Update FL Aquifer VA models | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | X | | X | X | | |
| | Wellhead Protection & Mgmt | | | | | X | X | | |
| | Land Acquisition | | | | | | | | |
| Other | | | | | Special projects/equipment | | | | |

¹ IUP and Workplan describe projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|--|
| Florida | |
| Comments | |
| 1 | Includes various data management activities regarding SWAPP data, modeling to assess potential contamination sources, and delineated areas |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | | | | | 15% | | |
|---------------------------------------|---|---------------------------------------|--|--------------------------|---|-----------------|--------------------------|--------------------|---|--|--|
| State: | Georgia | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | | | | | Local Assistance & Other State Programs | | |
| IUP: 2015 ¹ | Financial Information: | | Financial Information: | | Financial Information: | | | | | Financial Information: | |
| Workplan: N/A | Set-Aside Total: \$13.95M (4.00%) Expended: \$11.79M (84.51%) Remaining: \$2.16M (15.49%) | | Set-Aside Total: \$5.79M (2.00%) Expended: \$5.74M (99.22%) Remaining: \$0.05M (0.78%) | | Set-Aside Total: \$36.72M (10.00%) Expended: \$34.46M (93.83%) Remaining: \$2.27M (6.17%) | | | | | Set-Aside Total: \$40.61M (15.00%) Expended: \$36.8M (90.61%) Remaining: \$3.81M (9.39%) | |
| Governor's Report: 2014 | | | | | | | | | | | |
| DWNIMS: 2015 | | | | | | | | | | | |
| Activity Categories | | General | General | Capacity Development | Crypto Strategy | Data Management | Source Water Assessments | Water Conservation | Capacity Development | Wellhead Protection | |
| State Program | Staff | X | | X | X | X | X | X | X | X | |
| | General Drinking Water Admin. | National Needs Survey | | | | | | | | | |
| | DWSRF Administration | Project ranking and administration | | | | | | | | | |
| | Data Management | NIMS | | | | See Comment 5 | GIS mapping | | Revised data models | GPS Data | |
| | Inspections | X | | | | | | | X | | |
| | Sanitary Surveys | | Synthetic Organic Compound sampling assistance | | | Sample analysis | Automated schedule | | X | Ground water contamination | |
| | Compliance Activities | X | | X | See Comment 4 | X | | | | New regulations | |
| | Enforcement | | | | | | | | | | |
| Capacity Development | Capacity Development Program | | | X | | | | X | X | | |
| | Technical | | | X | | | | | X | | |
| | Managerial | | | X | | | | | X | | |
| | Financial | | | X | | | | | X | | |
| General Activities | Public Education/Outreach | | | X | | | | X | | | |
| | Operator Certification | | | | | | | | X | | |
| | Other System Training | | | CCR training | Lab training | | X | | X | | |
| | Circuit Riding/Site Visits | | X | | | | | | X | | |
| | Rate Studies | | | Flow studies | | | | X | | | |
| | Pilot Studies | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | X | X | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | See Comment 1 | | | | | X | | | |
| | System Partnerships | | | | | | | | | | |
| | Restructuring/ Consolidation | | | | | | | | | | |
| | Small System Assistance | | X | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | |
| | Other Technical Assistance | | See Comment 2 | | X | X | CCR reporting | | Water audits | | |
| | DWSRF Help | Loan Application Assistance | | | | | | | | | |
| Planning/Design/ Engineering Services | | X | | | | | | | Minimum standards for PWS | | |
| Security Issues | ERP Assistance | | | | | | | | | | |
| | VA Assistance | | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | X | | X | | | X | |
| | Wellhead Protection & Mgmt | | | | | | X | | | X | |
| | Land Acquisition | | | | | | | | | | |
| Other | | | | See Comment 3 | X | | | | EPD Lab | Field equipment | |

¹ IUP describes projected set-aside activities for SFY 2015 using estimated funds from FFY 2015 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|--|
| Georgia | |
| Comments | |
| 1 | Small System Water Loss Abatement Technical Assistance Program |
| 2 | Georgia Rural Water Association technical assistance to government and non-government owned public water systems |
| 3 | Operate the primacy PWSS portion of the Environmental Protection Division (EPD) laboratory |
| 4 | Implementation and technical assistance for Stage 1 DBPR and IESWTR for estimated 220 surface water and 1,500 ground water PWSs and implementation and technical assistance for LT2ESWTR and Stage 2 DBPR for surface water PWSs |
| 5 | Improve tracking and reporting of PWS data associated with the current and new regulations (especially electronic data systems) |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|----------------------------------|---|----------------------------------|---------------------------------------|----------------------------------|--|--|-----------------------------------|--|---|
| State: | Hawaii | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2015-2016 ² | | Set-Aside Total: \$4.31M (4.00%) | | Set-Aside Total: \$1.39M (0.20%) | | Set-Aside Total: \$10.23M (10.00%) | | Set-Aside Total: \$9.89M (0.00%) | |
| Governor's Report: 2014 | | Expended: \$4.23M (98.02%) | | Expended: \$1.36M (97.95%) | | Expended: \$9.74M (95.22%) | | Expended: \$7.3M (73.89%) | |
| DWNIMS: 2015 | | Remaining: \$0.09M (1.98%) | | Remaining: \$0.03M (2.05%) | | Remaining: \$0.49M (4.78%) | | Remaining: \$2.58M (26.11%) | |
| Activity Categories | | General | | General | | PWSS | | General | |
| State Program | Staff | X | | | | | | X | |
| | General Drinking Water Admin. | | | | | | | | |
| | DWSRF Administration | X | | | | | | | |
| | Data Management | Record retention and filing | | | | | | Statewide GPS and GIS data sharing | |
| | Inspections | Audits | | | | | | | |
| | Sanitary Surveys | | | X | | See Comment 1 | | X | |
| | Compliance Activities | | | | | | | | |
| | Enforcement | | | | | X | | | |
| Capacity Development | Capacity Development Program | | | X | | X | | X | |
| | Technical | | | X | | | | X | |
| | Managerial | | | X | | | | X | |
| | Financial | | | X | | | | X | |
| General Activities | Public Education/Outreach | Public assistance | | | | | | X | |
| | Operator Certification | | | X | | X | | X | |
| | Other System Training | | | Post-sanitary survey training | | Security and cross-connection training | | X | |
| | Circuit Riding/Site Visits | | | X | | | | X | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/ Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | X | | | | Provide TMF capacity assistance to 5 PWSs that are in most need of improvement | |
| | Disadvantaged System Assistance | | | | | | | | |
| Other Technical Assistance | | | X | | | | X | | |
| DWSRF Help | Loan Application Assistance | X | | X | | | | | |
| | Planning/Design/Engineering Services | X | | | | | | | |
| Security Issues | ERP Assistance | | | | | | | X | |
| | VA Assistance | | | | | | | X | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | X | |
| | Wellhead Protection & Mgmt | | | | | | | X | |
| | Land Acquisition | | | | | | | | |
| Other | Legal consultation | | | | Quality Assurance/Quality Control measures | | Equipment and vehicle maintenance | | |

¹ IUP describes projected set-aside activities for SFY 2015 using FFY 2014 and previous years' capitalization grants.

² Workplan describes projected set-aside activities for FFY 2015 to FFY 2016 using funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

Hawaii

Comments

| | |
|---|---|
| 1 | Regulation development and contracts for conducting surveys |
|---|---|

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|-----------------------------|---|---------------------------------|---------------------------------------|----------------------------------|-----------------------------------|--|---|------------------------------------|---|
| State: | Idaho | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2016 ² | | Set-Aside Total: \$6.1M (4.00%) | | Set-Aside Total: \$2.62M (2.00%) | | Set-Aside Total: \$12.48M (10.00%) | | Set-Aside Total: \$21.42M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$5.65M (92.66%) | | Expended: \$2.44M (93.24%) | | Expended: \$11.11M (89.05%) | | Expended: \$19.51M (91.08%) | |
| DWNIMS: 2015 | | Remaining: \$0.45M (7.34%) | | Remaining: \$0.18M (6.76%) | | Remaining: \$1.37M (10.95%) | | Remaining: \$1.91M (8.92%) | |
| Activity Categories | | General | | General | | Drinking Water Program | | Capacity Development | Wellhead Protection |
| State Program | Staff | | | X | | X | | X | X |
| | General Drinking Water Admin. | X | | | | Funds to supplement drinking water program | | | |
| | DWSRF Administration | X | | | | | | | |
| | Data Management | | | | | SDWIS Web data | | X | |
| | Inspections | | | | | | | X | |
| | Sanitary Surveys | | | | | | | X | |
| | Compliance Activities | | | | | X | | | |
| | Enforcement | | | | | X | | | |
| Capacity Development | Capacity Development Program | | | X | | | | X | |
| | Technical | | | X | | | | X | |
| | Managerial | | | X | | | | X | |
| | Financial | | | X | | | | X | |
| General Activities | Public Education/Outreach | | | | | | | CCR Reporting | X |
| | Operator Certification | | | | | | | X | |
| | Other System Training | | | | | | | X | |
| | Circuit Riding/Site Visits | | | | | | | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | See Comment 1 |
| | Plant Optimization (AWOP) | | | | | | | X | |
| | Leak Detection/Water Efficiency/ Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | | | | X |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | X | | | | | X |
| | Disadvantaged System Assistance | | | | | | | | |
| Other Technical Assistance | | | | | | | | See Comment 2 | |
| DWSRF Help | Loan Application Assistance | X | | | | | | | |
| | Planning/Design/Engineering Services | | | X | | | | X | X |
| Security Issues | ERP Assistance | | | | | Implementation support | | | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | X |
| | Wellhead Protection & Mgmt | | | | | | | | X |
| | Land Acquisition | | | | | | | | |
| Other | | | | | | | Information sharing through PWS Switchboard | Contamination reduction programs | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2013 and 2014 capitalization grants.

² Workplan describes projected set-aside activities for SFY 2016 using funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

Idaho

Comments

- | | |
|---|---|
| 1 | Conducting hydrological, geotechnical, and contaminant susceptibility studies supporting the design and new development of drinking water protections plans |
| 2 | Development and implementation of drinking water protection plan |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% |
|--------------------------|---|---------------------------------------|-----------------------------------|--|---|
| State: | Illinois | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs |
| IUP: 2016 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: |
| Workplan: N/A | | Set-Aside Total: \$22.7M (6.30%) | Set-Aside Total: \$0.M (0.00%) | Set-Aside Total: \$0.M (0.00%) | Set-Aside Total: \$3.85M (0.00%) |
| Governor's Report: 2014 | | Expended: \$20.24M (89.17%) | Expended: \$0.M (0.00%) | Expended: \$0.M (0.00%) | Expended: \$3.85M (100.00%) |
| DWNIMS: 2015 | | Remaining: \$2.46M (10.83%) | Remaining: \$0.M (0.00%) | Remaining: \$0.M (0.00%) | Remaining: \$0.M (0.00%) |
| Activity Categories | | General | General | Specific set-aside activities not provided in state reports. | General |
| State Program | Staff | X | | | |
| | General Drinking Water Admin. | | | | |
| | DWSRF Administration | X | | | |
| | Data Management | | | | |
| | Inspections | | | | |
| | Sanitary Surveys | | | | X |
| | Compliance Activities | | | | X |
| | Enforcement | | | | X |
| Capacity Development | Capacity Development Program | | X | | X |
| | Technical | | X | | X |
| | Managerial | | | | X |
| | Financial | | | | X |
| General Activities | Public Education/Outreach | | X | | X |
| | Operator Certification | | | | |
| | Other System Training | | X | | X |
| | Circuit Riding/Site Visits | | | | |
| | Rate Studies | | | | |
| | Pilot Studies | | | | |
| | Plant Optimization (AWOP) | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | Accounting for water loss | | Accounting for water loss |
| | System Partnerships | | | | |
| | Restructuring/Consolidation | | | | |
| | Small System Assistance | | X | | X |
| | Disadvantaged System Assistance | | | | |
| | Other Technical Assistance | | X | | X |
| DWSRF Help | Loan Application Assistance | | | | |
| | Planning/Design/Engineering Services | | | | X |
| Security Issues | ERP Assistance | | | | |
| | VA Assistance | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | |
| | Wellhead Protection & Mgmt | | | | |
| | Land Acquisition | | | | |
| Other | | | | | |

¹ IUP describes projected set-aside activities for SFY 2016 using funds from FFY 2015 and previous years' capitalization grants.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% |
|--------------------------------------|---|--|---|--|---|
| State: | Indiana | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs |
| IUP: 2015 ¹ | Financial Information: | Financial Information: | Financial Information: | Financial Information: | |
| Workplan: 2015 ¹ | Set-Aside Total: \$4.92M (2.00%) | Set-Aside Total: \$1.19M (0.00%) | Set-Aside Total: \$2.66M (7.00%) | Set-Aside Total: \$2.16M (0.00%) | |
| Governor's Report: 2014 | Expended: \$4.29M (87.17%) | Expended: \$0.94M (78.70%) | Expended: \$1.65M (62.28%) | Expended: \$2.16M (100.00%) | |
| DWNIMS: 2015 | Remaining: \$0.63M (12.83%) | Remaining: \$0.25M (21.30%) | Remaining: \$1.0M (37.73%) | Remaining: \$0.0M (0.00%) | |
| Activity Categories | General | Specific set-aside activities not provided in state reports. | Source Water Activities | General | |
| State Program | Staff | X | | X | |
| | General Drinking Water Admin. | | | | |
| | DWSRF Administration | X | | X | |
| | Data Management | | | | |
| | Inspections | | | | |
| | Sanitary Surveys | | | | |
| | Compliance Activities | | SDWA Compliance | X | |
| | Enforcement | | | | |
| Capacity Development | Capacity Development Program | | | X | |
| | Technical | | | X | |
| | Managerial | | | X | |
| | Financial | | | X | |
| General Activities | Public Education/Outreach | | | X | |
| | Operator Certification | | | | |
| | Other System Training | | | X | |
| | Circuit Riding/Site Visits | | | | |
| | Rate Studies | | | | |
| | Pilot Studies | | | | |
| | Plant Optimization (AWOP) | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | |
| | System Partnerships | | | | |
| | Restructuring/Consolidation | | | | |
| | Small System Assistance | | | Long-term planning | |
| | Disadvantaged System Assistance | | | | |
| | Other Technical Assistance | | Workshops on sampling methods and monitoring requirements | Operations survey and long-term planning | On-site field inspections |
| | DWSRF Help | Loan Application Assistance | | | |
| Planning/Design/Engineering Services | | | | | |
| Security Issues | ERP Assistance | | | Surface Water ERPs for 40 PWSs | |
| | VA Assistance | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | |
| | Wellhead Protection & Mgmt | | | | |
| | Land Acquisition | | | | |
| Other | | | Inventory of aboveground storage tanks | | |

¹ IUP and Workplan describe projected set-aside activities for SFY 2015 using funds from FFY 2014 and estimated funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | |
|--------------------------------------|---|---------------------------------|---------------------------------------|----------------------------------|-----------------------------------|---|--------------------------|---|---|--|
| State: | Iowa | | | | | | | | | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | |
| Workplan: N/A | | Set-Aside Total: \$8.5M (0.00%) | | Set-Aside Total: \$4.59M (0.00%) | | Set-Aside Total: \$11.12M (0.00%) | | Set-Aside Total: \$25.09M (15.00%) | | |
| Governor's Report: 2014 | | Expended: \$8.5M (100.00%) | | Expended: \$4.4M (95.88%) | | Expended: \$9.83M (88.42%) | | Expended: \$22.5M (89.69%) | | |
| DWNIMS: 2015 | | Remaining: \$0.M (0.00%) | | Remaining: \$0.19M (4.12%) | | Remaining: \$1.29M (11.58%) | | Remaining: \$2.59M (10.31%) | | |
| Activity Categories | | General | | General | | PWSS | | Capacity Development | Source Water Protection | |
| State Program | Staff | X | | | | | | Contracts | | |
| | General Drinking Water Admin. | | | | | Adopt final federal rules and revisions | | | | |
| | DWSRF Administration | X | | | | | | | | |
| | Data Management | X | | | | Update SDWIS | | | Source Water Mapper and Tracker | |
| | Inspections | | | | | | | Training for inspectors | | |
| | Sanitary Surveys | | | | | | | X | | |
| | Compliance Activities | | | | | See Comment 1 | | | | |
| | Enforcement | | | | | | | | | |
| Capacity Development | Capacity Development Program | | | | | | | X | | |
| | Technical | | | | | | | X | | |
| | Managerial | | | | | | | X | | |
| | Financial | | | | | | | X | | |
| General Activities | Public Education/Outreach | | | | | | | | | |
| | Operator Certification | | | X | | | | X | | |
| | Other System Training | | | Operator training | | | | X | | |
| | Circuit Riding/Site Visits | | | | | | | X | | |
| | Rate Studies | | | | | | | X | | |
| | Pilot Studies | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | X | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | |
| | System Partnerships | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | |
| | Small System Assistance | | | | X | | | X | | |
| | Disadvantaged System Assistance | | | | | | | | | |
| | Other Technical Assistance | X | | | X | | | X | Well siting | |
| | DWSRF Help | Loan Application Assistance | | | | | | | | |
| Planning/Design/Engineering Services | | X | | | | Non-DWSRF construction projects | | | | |
| Security Issues | ERP Assistance | | | | | | | | | |
| | VA Assistance | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | X | X | |
| | Wellhead Protection & Mgmt | | | | | | | | | |
| | Land Acquisition | | | | | | | | | |
| Other | | | | | | | | Water quality monitoring and GW site investigations | | |

¹ IUP describes projected set-aside activities for SFY 2016 using funds from FFY 2014 and previous years' capitalization grants.

DWSRF Set-Aside Spending

Iowa

Comments

| | |
|---|--|
| 1 | Provide wasteload allocations to PWSs with loans, evaluate disinfectant contact time determinations, approve corrosion control strategies, and make GWUDI determinations |
|---|--|

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% ● Administrative & Technical Assistance | 2% ● Small System Technical Assistance | 10% ● State Program Management | 15% ● Local Assistance & Other State Programs |
|-----------------------------|---|---|--|--|---|
| State: | Kansas | | | | |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: |
| Workplan: 2016 ² | | Set-Aside Total: \$7.49M (3.00%) | Set-Aside Total: \$4.02M (2.00%) | Set-Aside Total: \$2.73M (3.00%) | Set-Aside Total: \$4.02M (2.50%) |
| Governor's Report: 2014 | | Expended: \$6.89M (92.04%) | Expended: \$3.66M (91.07%) | Expended: \$2.17M (79.20%) | Expended: \$3.49M (86.81%) |
| DWNIMS: 2015 | | Remaining: \$0.6M (7.96%) | Remaining: \$0.36M (8.93%) | Remaining: \$0.57M (20.80%) | Remaining: \$0.53M (13.19%) |
| Activity Categories | | General | General | PWSS | Capacity Development |
| State Program | Staff | X | Contractor support | X | X |
| | General Drinking Water Admin. | | | | |
| | DWSRF Administration | X | | | |
| | Data Management | NIMS data management | Recordkeeping | | |
| | Inspections | Construction inspections | | | |
| | Sanitary Surveys | | | | |
| | Compliance Activities | | X | | |
| | Enforcement | | | | |
| Capacity Development | Capacity Development Program | | | | X |
| | Technical | | | | X |
| | Managerial | | | | X |
| | Financial | | | | X |
| General Activities | Public Education/Outreach | | | | |
| | Operator Certification | | X | X | X |
| | Other System Training | | X | | KanCap training |
| | Circuit Riding/Site Visits | | | | |
| | Rate Studies | | | | X |
| | Pilot Studies | | | | |
| | Plant Optimization (AWOP) | | X | | X |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | |
| | System Partnerships | | | | |
| | Restructuring/Consolidation | | | | |
| | Small System Assistance | | X | | |
| | Disadvantaged System Assistance | | | | |
| | Other Technical Assistance | | | Investigate drinking water quality complaints | |
| DWSRF Help | Loan Application Assistance | X | | | |
| | Planning/Design/Engineering Services | Project design review | | | |
| Security Issues | ERP Assistance | | Emergency low-pressure problems | | |
| | VA Assistance | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | X |
| | Wellhead Protection & Mgmt | | | | |
| | Land Acquisition | | | | |
| Other | | Project Benefits Reporting (PBR) | | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from estimated FFY 2015 capitalization grant and from previous years' capitalization grants.

² Workplan describes projected set-aside activities for SFY 2016 and 2017 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | | 15% | Local Assistance & Other State Programs | |
|---------------------------------------|---|----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|------------------------------------|--------------------------|-----------------------------|------------------------------------|---|----------------------|
| State: | Kentucky | | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | | Financial Information: | | |
| Workplan: N/A | | Set-Aside Total: \$7.25M (3.00%) | | Set-Aside Total: \$3.84M (2.00%) | | Set-Aside Total: \$19.23M (10.00%) | | | Set-Aside Total: \$15.14M (15.00%) | | |
| Governor's Report: 2014 | | Expended: \$6.66M (91.90%) | | Expended: \$3.63M (94.63%) | | Expended: \$17.19M (89.36%) | | | Expended: \$12.05M (79.56%) | | |
| DWNIMS: 2015 | | Remaining: \$0.59M (8.10%) | | Remaining: \$0.21M (5.37%) | | Remaining: \$2.05M (10.64%) | | | Remaining: \$3.1M (20.44%) | | |
| Activity Categories | | General | | General | | Compliance Activities | General | Capacity Development | Source Water Assessment | Wellhead Protection | |
| State Program | Staff | X | | | | | X | | X | | |
| | General Drinking Water Admin. | | | | | | | | | | |
| | DWSRF Administration | X | | | | | | | | | |
| | Data Management | | | | | See Comment 1 | | X | X | Hydro-geological modeling | |
| | Inspections | Construction inspection | | DOW Staff training | | X | | | | | |
| | Sanitary Surveys | | | | | X | | | | | Pumping tests |
| | Compliance Activities | | | X | | X | Regulatory development | X | | | |
| | Enforcement | | | | | Enforcement Referral Policy | Clean Water Act impacts | | | | |
| Capacity Development | Capacity Development Program | Capacity review | | | | | | X | | | |
| | Technical | | | | | | | X | | | |
| | Managerial | | | | | | | X | | X | |
| | Financial | | | | | | | X | | | |
| General Activities | Public Education/Outreach | | | | | CCR and violations reporting | | | | | X |
| | Operator Certification | | | X | | | X | X | | | |
| | Other System Training | | | DBPR and RTCR training | | | X | X | | X | |
| | Circuit Riding/Site Visits | | | X | | | | | | | |
| | Rate Studies | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | X | | | X | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | X | | | | | | | |
| | System Partnerships | | | | | | X | | | | See Comment 4 |
| | Restructuring/Consolidation | | | | | | | | | | |
| | Small System Assistance | | | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | |
| | Other Technical Assistance | | | X | | X | See Comment 2 | Asset management | X | | GWUDI determinations |
| | DWSRF Help | Loan Application Assistance | X | | | | | | | | |
| Planning/Design/ Engineering Services | | X | | | | | X | | | | |
| Security Issues | ERP Assistance | | | | | | | X | | | |
| | VA Assistance | | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | See Comment 3 | | |
| | Wellhead Protection & Mgmt | | | | | | | | | | X |
| | Land Acquisition | | | | | | | | | | |
| Other | Travel and Needs Survey | | Equipment and travel | | | Equipment and travel | | | | Equipment and travel | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | |
|--------------------------------------|---|----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|-----------------------------------|--------------------------|------------------------|---|--|
| State: | Louisiana | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$7.24M (4.00%) | | Set-Aside Total: \$2.91M (1.90%) | | Set-Aside Total: \$19.56M (7.80%) | | | Set-Aside Total: \$4.32M (3.50%) | |
| Governor's Report: 2014 | | Expended: \$5.8M (80.08%) | | Expended: \$2.63M (90.33%) | | Expended: \$16.35M (83.58%) | | | Expended: \$3.49M (80.88%) | |
| DWNIMS: 2015 | | Remaining: \$1.44M (19.92%) | | Remaining: \$0.28M (9.67%) | | Remaining: \$3.21M (16.42%) | | | Remaining: \$0.83M (19.12%) | |
| Activity Categories | | General | | General | | PWSS | Capacity Development | Operator Certification | General | |
| State Program | Staff | X | | | | X | X | X | | |
| | General Drinking Water Admin. | | | | | X | | | | |
| | DWSRF Administration | X | | | | | | | | |
| | Data Management | | | | | | | | | |
| | Inspections | | | | | | | | | |
| | Sanitary Surveys | | | | | | | | | |
| | Compliance Activities | | | X | | | | | | |
| | Enforcement | | | | | | | | | |
| Capacity Development | Capacity Development Program | | | | | | X | | X | |
| | Technical | | | | | | X | | X | |
| | Managerial | | | | | | X | | X | |
| | Financial | | | | | | See Comment 4 | | X | |
| General Activities | Public Education/Outreach | | | | | | | | | |
| | Operator Certification | | | | | | X | X | | |
| | Other System Training | | | See Comment 1 | | | | | | |
| | Circuit Riding/Site Visits | | | X | | | | | | |
| | Rate Studies | | | | | | | | | |
| | Pilot Studies | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | |
| | System Partnerships | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | X | | | |
| | Small System Assistance | | | See Comment 2 | | | X | | | |
| | Disadvantaged System Assistance | | | | | | | | | |
| | Other Technical Assistance | | | | | | X | | | |
| | DWSRF Help | Loan Application Assistance | | | X | | | | | |
| Planning/Design/Engineering Services | | | | | | | X | | | |
| Security Issues | ERP Assistance | | | | | | | | | |
| | VA Assistance | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | | |
| | Wellhead Protection & Mgmt | | | | | | | | | |
| | Land Acquisition | | | | | | | | | |
| Other | Supplies and training for staff | | See Comment 3 | | Improve PWSS Grant | | | | | |

¹IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 and previous years' capitalization grants.

DWSRF Set-Aside Spending

Louisiana

Comments

| | |
|---|--|
| 1 | Address the prevention of bacteriological MCL violations by holding quarterly Safe Drinking Water Compliance Training Schools |
| 2 | Review of source water problems and drinking water needs; identification and evaluation of technical options |
| 3 | Assist small systems in locating additional sources of funding to meet their needs at the lowest cost possible |
| 4 | Review and approval of Business Plan and financial audit conducted by Office of Public Health (OPH) staff to determine if the system meets financial capacity requirements |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | | | 15% | Local Assistance & Other State Programs | |
|--------------------------------------|---|----------------------------------|---|----------------------------------|-----------------------------------|-----------------------------------|--------------------------|--------------------------------------|-----------------------------------|------------------------------------|---|--|
| State: | Maine | | | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | | Financial Information: | | | |
| Workplan: 2016 ² | | Set-Aside Total: \$6.67M (4.00%) | | Set-Aside Total: \$2.97M (2.00%) | | Set-Aside Total: \$13.13M (8.40%) | | | Set-Aside Total: \$16.73M (0.00%) | | | |
| Governor's Report: 2014 | | Expended: \$6.44M (96.59%) | | Expended: \$2.94M (98.88%) | | Expended: \$12.48M (95.05%) | | | Expended: \$16.32M (97.54%) | | | |
| DWNIMS: 2015 | | Remaining: \$0.23M (3.41%) | | Remaining: \$0.03M (1.12%) | | Remaining: \$0.65M (4.95%) | | | Remaining: \$0.41M (2.46%) | | | |
| Activity Categories | | General | General | PWSS | Source Water Protection | Capacity Development | Operator Certification | Land Acquisition & Source Protection | Capacity Development | Wellhead & Source Water Protection | | |
| State Program | Staff | X | X (ME Rural Water Assoc.) | X | X | X | X | | X | X | | |
| | General Drinking Water Admin. | | | X | | | | | | Newsletter | | |
| | DWSRF Administration | X | | | | | | | | | | |
| | Data Management | | | X | | | | | | Internet mapping contract | | |
| | Inspections | | | | | | | | | | | |
| | Sanitary Surveys | | | | | X | | | | | | |
| | Compliance Activities | | LCR, TCR/RTCR, Phase II/V | X | | X | X | | | X | | |
| | Enforcement | | | X | | X | | | | | | |
| Capacity Development | Capacity Development Program | | | | | X | | | X | | | |
| | Technical | | | | | X | | | X | | | |
| | Managerial | | | | | X | | | X | | | |
| | Financial | | | | | X | | | X | | | |
| General Activities | Public Education/Outreach | | | | X | | | | X | X | | |
| | Operator Certification | | | | | | X | | 0.5 FTE | Operator and well driller licenses | | |
| | Other System Training | | Rule training for water system owners/operators | | | | Training Contact Hours | | CapDev awareness | | | |
| | Circuit Riding/Site Visits | | X | | | | | | | | | |
| | Rate Studies | | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | Water Audits | | |
| | System Partnerships | | | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | X | | | |
| | Small System Assistance | | X | | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | Asset management | | |
| | Other Technical Assistance | | Very Small System Compliance Loan Program | | X | | | | | | | |
| | DWSRF Help | Loan Application Assistance | | | | | | | | | | |
| Planning/Design/Engineering Services | | | | | | | | | See Comment 2 | | | |
| Security Issues | ERP Assistance | | X | | | | | | X | | | |
| | VA Assistance | | | | | | | | X | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | X | | | X | X | X | | |
| | Wellhead Protection & Mgmt | | | | X | | | | | X | | |
| | Land Acquisition | | | | X | | | X | | | | |
| Other | | Equipment and training for staff | | | | | See Comment 1 | | | | | |

¹ IUP describes projected set-aside activities using funds from FFY 2015 capitalization grant. IUP did not specifically state in which fiscal year the activities would be completed.

² Workplan describes projected set-aside activities for SFY 2016 using funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

Maine

Comments

| | |
|---|--|
| 1 | Evaluating training, assigning Training Contact Hours (TCH) credits, tracking TCH credits, renewing licenses, giving examinations, and evaluating operator applicant credentials among other tasks |
| 2 | Assistance provided to eligible systems to develop planning and engineering documents that could help the system become more viable (CIP, ERP, Asset Management, etc.) |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|--------------------------|---|----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|--|--------------------------|------------------------------------|---|
| State: | Maryland | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$6.67M (0.00%) | | Set-Aside Total: \$4.16M (2.00%) | | Set-Aside Total: \$20.07M (10.00%) | | Set-Aside Total: \$25.99M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$6.67M (100.00%) | | Expended: \$3.85M (92.51%) | | Expended: \$17.62M (87.80%) | | Expended: \$23.15M (89.06%) | |
| DWNIMS: 2015 | | Remaining: \$0.0M (0.00%) | | Remaining: \$0.31M (7.49%) | | Remaining: \$2.45M (12.20%) | | Remaining: \$2.84M (10.94%) | |
| Activity Categories | | General | | General | | General | | General | |
| State Program | Staff | | | Contracts | | | | | |
| | General Drinking Water Admin. | | | | | | X | | |
| | DWSRF Administration | | X | | | | | | |
| | Data Management | | | | | | | | X |
| | Inspections | | | | | | | | |
| | Sanitary Surveys | | | | | | | | X |
| | Compliance Activities | | | | | | X | | |
| | Enforcement | | | | | | X | | |
| Capacity Development | Capacity Development Program | | | | | | X | | X |
| | Technical | | | | | | | | X |
| | Managerial | | | | | | | | X |
| | Financial | | | | | | | | X |
| General Activities | Public Education/Outreach | | | | | | | | |
| | Operator Certification | | | | | | X | | |
| | Other System Training | | | | | | | | X |
| | Circuit Riding/Site Visits | | | | X | | | | |
| | Rate Studies | | | | | | | | Via self-assessment survey |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | X | | X |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | | X | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | | | | | | On-site TA |
| DWSRF Help | Loan Application Assistance | | | | | | | | |
| | Planning/Design/Engineering Services | | | | | | | | |
| Security Issues | ERP Assistance | | | | | | | | X |
| | VA Assistance | | | | | | | | X |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | X | | X |
| | Wellhead Protection & Mgmt | | | | | | | | X |
| | Land Acquisition | | | | | | | | X |
| Other | | | | | | Delegation Agreements with 20 counties for regulation of SDWA activities of TNCWSs | | Monitor hydrologic conditions | |

¹ IUP describes projected set-aside activities using funds from FFY 2015 capitalization grant. IUP did not specifically state in which fiscal year the activities would be completed.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | | | | 15% | Local Assistance & Other State Programs |
|--------------------------------------|---|---|--|---|--|------|--------------------------|----------------------|---|---------------------|---------|--|
| State: | Massachusetts | | | | | | | | | | | |
| IUP: 2015 ¹ | Financial Information: | | Financial Information: | | Financial Information: | | | | Financial Information: | | | |
| Workplan: N/A | Set-Aside Total: \$17.53M (4.00%) Expended: \$16.13M (92.02%) Remaining: \$1.4M (7.98%) | | Set-Aside Total: \$8.85M (2.00%) Expended: \$8.22M (92.88%) Remaining: \$0.63M (7.12%) | | Set-Aside Total: \$39.82M (10.00%) Expended: \$32.99M (82.85%) Remaining: \$6.83M (17.15%) | | | | Set-Aside Total: \$39.88M (15.00%) Expended: \$37.23M (93.35%) Remaining: \$2.65M (6.65%) | | | |
| Governor's Report: 2014 | | | | | | | | | | | | |
| DWNIMS: 2015 | | | | | | | | | | | | |
| Activity Categories | | General | | General | | PWSS | SWP | Capacity Development | Operator Certification | PWS Info Management | General | |
| State Program | Staff | | | x | | x | x | x | x | x | x | |
| | General Drinking Water Admin. | Coordination of Drinking Water Program Source Protection and Technical Service Activities | | | | | | | | | | UIC program operating under state primacy |
| | DWSRF Administration | x | | | | | | | | | | |
| | Data Management | | | | | x | | | | x | | x |
| | Inspections | | | | | | | | | | | |
| | Sanitary Surveys | | | x | | | | See Comment 2 | | | | |
| | Compliance Activities | | | x | | x | | | | | | x |
| | Enforcement | | | | | | | | | | | |
| Capacity Development | Capacity Development Program | | | x | | x | | x | | | | x |
| | Technical | | | x | | | | x | | | | x |
| | Managerial | | | x | | | | x | | | | x |
| | Financial | | | x | | | | x | | | | x |
| General Activities | Public Education/Outreach | | | Water education in schools and colleges | | x | | | | | | x |
| | Operator Certification | | | x | | | | | x | | | |
| | Other System Training | | | Board/owner workshops | | | | | | x | | Group training events provided by MassDEP stakeholders |
| | Circuit Riding/Site Visits | | | | | | | | | | | x |
| | Rate Studies | | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | x | | | | Water conservation capacity improvement grant program |
| | System Partnerships | | | | | | | x | | | | |
| | Restructuring/Consolidation | | | | | | | | | | | |
| | Small System Assistance | | | | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | | |
| | Other Technical Assistance | | | On-site TA | | | | | | | | TA on source protection to public water suppliers |
| | DWSRF Help | Loan Application Assistance | x | | | | | | | | | |
| Planning/Design/Engineering Services | | | | x | | x | | | | | | |
| Security Issues | ERP Assistance | | | | | | | | | | | |
| | VA Assistance | | | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | x | x | | | | | x |
| | Wellhead Protection & Mgmt | | | | | | | | | | | x |
| | Land Acquisition | | | | | | | | | | | x |
| Other | | | | | | | | See Comment 1 | | | | |

¹ IUP describes projected set-aside activities for calendar year (CY) 2015 using estimated funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

Massachusetts

Comments

1 Implement the chemical monitoring waiver program, which provides incentives to protect source water

2 Train staff who conduct sanitary surveys in the elements of capacity development

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|----------------------------|---|-----------------------------------|---------------------------------------|----------------------------------|---|---|--------------------------|-----------------------------------|---|
| State: | Michigan | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$10.93M (4.00%) | | Set-Aside Total: \$8.83M (2.00%) | | Set-Aside Total: \$30.35M (10.00%) | | Set-Aside Total: \$24.26M (5.40%) | |
| Governor's Report: 2014 | | Expended: \$10.15M (92.91%) | | Expended: \$7.38M (83.57%) | | Expended: \$24.22M (79.79%) | | Expended: \$20.74M (85.48%) | |
| DWNIMS: 2015 | | Remaining: \$0.78M (7.09%) | | Remaining: \$1.45M (16.43%) | | Remaining: \$6.13M (20.21%) | | Remaining: \$3.52M (14.52%) | |
| Activity Categories | | General | | General | | Source Water Protection | PWSS | Capacity Development | Wellhead Protection |
| State Program | Staff | | | | | X | X | | X |
| | General Drinking Water Admin. | | | X | | | RTCR primacy | | See Comment 4 |
| | DWSRF Administration | X | | | | | X | | |
| | Data Management | | | X | | | X | | X |
| | Inspections | | | | | | | | |
| | Sanitary Surveys | | | | | | X | | |
| | Compliance Activities | | | | See Comment 1 | | X | | X |
| | Enforcement | | | | | | X | | X |
| Capacity Development | Capacity Development Program | | | X | | | X | | |
| | Technical | | | | | | X | | |
| | Managerial | | | | | | X | | |
| | Financial | | | | | | X | | |
| General Activities | Public Education/Outreach | | | | | | | | X |
| | Operator Certification | | | | | | X | | |
| | Other System Training | | | X | | X | | | Proper well construction |
| | Circuit Riding/Site Visits | | | | | | X | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | | Direct assistance to small systems that treat (e.g., for arsenic and nitrate) | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | | See Comment 2 | | | | |
| DWSRF Help | Loan Application Assistance | | | | | | | | |
| | Planning/Design/Engineering Services | | | X | | | | | |
| Security Issues | ERP Assistance | | | | | | | | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | On-site wastewater and septage waste programs | | See Comment 3 | |
| | Wellhead Protection & Mgmt | | | | | | | | See Comment 5 |
| | Land Acquisition | | | | | | | | |
| Other | | | | | | | | Abandoned Well Management Program | |

¹ IUP describes projected set-aside activities for FY 2015 using funds from FFY 2014 capitalization grant.

DWSRF Set-Aside Spending

Michigan

Comments

| | |
|---|--|
| 1 | Assist small NTNCWSs currently on arsenic bottled water agreement gain compliance by installing water treatment systems or employing another option and also assist schools and daycare centers to improve or maintain compliance with applicable NPDWRs |
| 2 | Provide technical assistance to local health department staff in charge of the NCWS and Well Construction Programs and assist them in providing technical assistance to NCWS owners, operators, registered well drillers, and pump installers |
| 3 | Surface water intake protection programs |
| 4 | Revise well construction code and draft new rules for vertical closed-loop geothermal installations |
| 5 | Review and approve wellhead delineations submitted by CWSs |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% |
|----------------------------|---|---------------------------------------|-----------------------------------|---|--|
| State: | Minnesota | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$10.93M (4.00%) | | Set-Aside Total: \$4.39M (2.00%) | |
| Governor's Report: 2014 | | Expended: \$10.15M (92.91%) | | Expended: \$4.17M (95.03%) | |
| DWNIMS: 2015 | | Remaining: \$0.78M (7.09%) | | Remaining: \$0.22M (4.97%) | |
| Remaining: \$0.78M (7.09%) | | Remaining: \$0.22M (4.97%) | | Remaining: \$0.78M (5.18%) | |
| Remaining: \$2.27M (8.91%) | | | | | |
| Activity Categories | | General | General | General | Specific set-aside activities not provided in state reports. |
| State Program | Staff | X | | | |
| | General Drinking Water Admin. | | | | |
| | DWSRF Administration | X | | | |
| | Data Management | | | | |
| | Inspections | | | | |
| | Sanitary Surveys | | | X | |
| | Compliance Activities | | | X | |
| | Enforcement | | | X | |
| Capacity Development | Capacity Development Program | | X | X | |
| | Technical | | X | X | |
| | Managerial | | X | X | |
| | Financial | | X | X | |
| General Activities | Public Education/Outreach | | | CCR assistance | |
| | Operator Certification | | | X | |
| | Other System Training | | | X | |
| | Circuit Riding/Site Visits | | | X | |
| | Rate Studies | | | | |
| | Pilot Studies | | | | |
| | Plant Optimization (AWOP) | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | |
| | System Partnerships | | | | |
| | Restructuring/Consolidation | | | | |
| | Small System Assistance | | | | |
| | Disadvantaged System Assistance | | | | |
| | Other Technical Assistance | | Asset management spreadsheets | X | |
| DWSRF Help | Loan Application Assistance | | | | |
| | Planning/Design/Engineering Services | | | X | |
| Security Issues | ERP Assistance | | | | |
| | VA Assistance | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | X | |
| | Wellhead Protection & Mgmt | | | X | |
| | Land Acquisition | | | | |
| Other | | | | Contaminants of emerging concern (CECs) | |

¹ IUP describes projected set-aside activities for SFY 2016 using estimated funds from FFY 2016 and FFY 2015 capitalization grants.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|--------------------------------------|---|----------------------------------|---------------------------------------|--|-----------------------------------|------------------------------------|--------------------------|------------------------------------|---|
| State: | Mississippi | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2015 ¹ | | Set-Aside Total: \$5.32M (3.60%) | | Set-Aside Total: \$3.77M (2.00%) | | Set-Aside Total: \$12.89M (10.00%) | | Set-Aside Total: \$4.15M (5.50%) | |
| Governor's Report: 2014 | | Expended: \$5.1M (95.86%) | | Expended: \$3.42M (90.64%) | | Expended: \$10.94M (84.93%) | | Expended: \$3.29M (79.38%) | |
| DWNIMS: 2015 | | Remaining: \$0.22M (4.14%) | | Remaining: \$0.35M (9.36%) | | Remaining: \$1.94M (15.07%) | | Remaining: \$0.86M (20.62%) | |
| Activity Categories | | General | | General | | PWSS | | Wellhead Protection and Assistance | |
| State Program | Staff | X | | Contracts | | X | | 2 contracts | |
| | General Drinking Water Admin. | | | | | Maintain state primacy | | | |
| | DWSRF Administration | X | | | | X | | | |
| | Data Management | | | | | SDWIS/Fed reporting | | | |
| | Inspections | | | | | X | | | |
| | Sanitary Surveys | | | | | X | | | |
| | Compliance Activities | | | | | UCMR | | | |
| | Enforcement | | | | | X | | | |
| Capacity Development | Capacity Development Program | | | X | | X | | | |
| | Technical | | | X | | X | | | |
| | Managerial | | | X | | X | | | |
| | Financial | | | X | | X | | | |
| General Activities | Public Education/Outreach | | | | | | | | |
| | Operator Certification | | | | | X | | | |
| | Other System Training | | | Board management training for water system officials, hands-on operator training | | X | | | |
| | Circuit Riding/Site Visits | | | X | | | | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | X | | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | PEER Review Program | | | | | |
| | DWSRF Help | Loan Application Assistance | | | | | | | |
| Planning/Design/Engineering Services | | | | | | X | | | |
| Security Issues | ERP Assistance | | | | | | | | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | X | | X | |
| | Wellhead Protection & Mgmt | | | | | | | Eliminate abandoned wells | |
| | Land Acquisition | | | | | | | | |
| Other | | | | | | | | | |

¹ IUP and Workplan describe projected set-aside activities for FFY 2015 with funds from the FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|-----------------------------|---|----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|------------------------------------|--------------------------|--|---|
| State: | Missouri | | | | | | | | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2016 ¹ | | Set-Aside Total: \$6.01M (2.00%) | | Set-Aside Total: \$6.01M (2.00%) | | Set-Aside Total: \$25.51M (10.00%) | | Set-Aside Total: \$24.4M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$5.36M (89.11%) | | Expended: \$5.36M (89.11%) | | Expended: \$23.01M (90.20%) | | Expended: \$20.76M (85.06%) | |
| DWNIMS: 2015 | | Remaining: \$0.65M (10.89%) | | Remaining: \$0.65M (10.89%) | | Remaining: \$2.5M (9.80%) | | Remaining: \$3.65M (14.94%) | |
| Activity Categories | | General | | General | | PWSS | | Capacity Development and Wellhead Protection | |
| State Program | Staff | X | | X | | | | X | |
| | General Drinking Water Admin. | | | | | Primacy program support | | Develop and administer contracts | |
| | DWSRF Administration | X | | | | | | | |
| | Data Management | | | | | X | | | |
| | Inspections | | | | | X | | | |
| | Sanitary Surveys | | | | | X | | X | |
| | Compliance Activities | | | X | | X | | X | |
| | Enforcement | | | | | X | | X | |
| Capacity Development | Capacity Development Program | | | | | X | | X | |
| | Technical | | | | | | | X | |
| | Managerial | | | | | | | X | |
| | Financial | | | | | | | X | |
| General Activities | Public Education/Outreach | | | | | X | | X | |
| | Operator Certification | | | | | X | | X | |
| | Other System Training | | | | | X | | X | |
| | Circuit Riding/Site Visits | | | X | | | | X | |
| | Rate Studies | | | | | | | X | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | X | |
| | System Partnerships | | | | | | | X | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | X | | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | X | | TA for Stage 2 DBPR and LT2ESWTR | | | |
| DWSRF Help | Loan Application Assistance | X | | | | | | X | |
| | Planning/Design/Engineering Services | X | | X | | | | X | |
| Security Issues | ERP Assistance | | | | | X | | | |
| | VA Assistance | | | | | | | X | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | X | | X | |
| | Wellhead Protection & Mgmt | | | | | | | X | |
| | Land Acquisition | | | | | | | X | |
| Other | Needs Survey | | | | Research emerging contaminants | | Plug abandoned wells | | |

¹ IUP and Workplan describe projected activities for FY 2016 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | | | | 15% | Local Assistance & Other State Programs |
|----------------------------|--------------------------------------|---|---------------------------------------|---|-----------------------------------|--|--------------------------|-------------|---------------------|---|-----|---|
| State: | Montana | | | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | | | Financial Information: | | |
| Workplan: N/A | | Set-Aside Total: \$10.58M (40.00%) Expended: \$7.07M (66.80%) Remaining: \$3.51M (33.20%) | | Set-Aside Total: \$2.M (0.00%) Expended: \$1.76M (87.91%) Remaining: \$0.24M (12.09%) | | Set-Aside Total: \$13.M (10.00%) Expended: \$11.44M (87.98%) Remaining: \$1.56M (12.02%) | | | | Set-Aside Total: \$3.47M (3.30%) Expended: \$3.08M (88.83%) Remaining: \$0.39M (11.17%) | | |
| Governor's Report: 2014 | | | | | | | | | | | | |
| DWNIMS: 2015 | | | | | | | | | | | | |
| Activity Categories | | General | | General | | Capacity Development | Operator Certification | PWSP | SWAP | Wellhead Protection | | |
| State Program | Staff | X | | Contracts | | | X | X | | | | |
| | General Drinking Water Admin. | X | | X | | | | | X | | | |
| | DWSRF Administration | See Comment 1 | | | | | | | | | | |
| | Data Management | | | | | | | SDWIS Prime | Public spatial data | | | |
| | Inspections | | | | | | | | | | | |
| | Sanitary Surveys | | | | | | | X | | | | |
| | Compliance Activities | | | X | | X | X | X | | | | |
| | Enforcement | | | | | X | | | | | | |
| Capacity Development | Capacity Development Program | | | | | X | | | | | | |
| | Technical | | | | | | | X | | | | |
| | Managerial | | | | | X | | | | | | |
| | Financial | | | | | X | | | | | | |
| General Activities | Public Education/Outreach | | | | | | X | | X | X | | |
| | Operator Certification | | | | | | X | | | X | | |
| | Other System Training | | | Operator training | | | | X | | | | |
| | Circuit Riding/Site Visits | | | X | | X | | | | | | |
| | Rate Studies | | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | | | | |
| | Leak Detection/Water | | | | | | | | | | | |
| | Efficiency/Energy Efficiency | | | | | | | | | | | |
| | System Partnerships | | | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | | | |
| | Small System Assistance | | | See Comment 3 | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | | |
| Other Technical Assistance | | | O&M TA | | | | | X | X | | | |
| DWSRF Help | Loan Application Assistance | | | | | | | | | | | |
| | Planning/Design/Engineering Services | See Comment 2 | | | | | | | | | | |
| Security Issues | ERP Assistance | | | | | | | | | X | | |
| | VA Assistance | | | | | | | | | X | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | | X | | |
| | Wellhead Protection & Mgmt | | | | | | | | | X | | |
| | Land Acquisition | | | | | | | | | | | |
| Other | | | Annual evaluation of the program | | | | | CECs | | | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|--|
| Montana | |
| Comments | |
| 1 | Continued development of the program and the IUP, loan origination work, administering repayments, preparation of bond issuance, and costs associated with the advisory committee and the public comment process |
| 2 | Reviews of water system facilities plans and construction and bid documents, and assistance and oversight during planning, design, and construction |
| 3 | Integrated approach designed to reach communities whose systems have chronic violations that threaten public health, communities requesting help to correct O&M problems or to develop needed water system improvement projects, and communities due for routine site visits |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% |
|--------------------------------------|---|---------------------------------------|-----------------------------------|--|---|
| State: | Nebraska | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: |
| Workplan: N/A | | Set-Aside Total: \$2.73M (0.20%) | Set-Aside Total: \$2.99M (1.00%) | Set-Aside Total: \$11.24M (14.00%) | Set-Aside Total: \$8.71M (6.50%) |
| Governor's Report: 2014 | | Expended: \$2.36M (86.60%) | Expended: \$1.41M (47.26%) | Expended: \$10.01M (89.05%) | Expended: \$4.29M (49.32%) |
| DWNIMS: 2015 | | Remaining: \$0.37M (13.40%) | Remaining: \$1.58M (52.74%) | Remaining: \$1.23M (10.95%) | Remaining: \$4.41M (50.68%) |
| Activity Categories | | General | General | Specific set-aside activities not provided in state reports. | General |
| State Program | Staff | | | | |
| | General Drinking Water Admin. | | | | |
| | DWSRF Administration | See Comment 1 | | | |
| | Data Management | See Comment 2 | | | |
| | Inspections | | | | |
| | Sanitary Surveys | | | | |
| | Compliance Activities | | | | |
| | Enforcement | | | | |
| Capacity Development | Capacity Development Program | | X | | |
| | Technical | | X | | |
| | Managerial | | X | | |
| | Financial | | X | | |
| General Activities | Public Education/Outreach | | | | |
| | Operator Certification | | | | |
| | Other System Training | | X | | |
| | Circuit Riding/Site Visits | | | | |
| | Rate Studies | | | | |
| | Pilot Studies | | | | |
| | Plant Optimization (AWOP) | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | |
| | System Partnerships | | | | |
| | Restructuring/Consolidation | | | | |
| | Small System Assistance | | | | |
| | Disadvantaged System Assistance | | | | |
| | Other Technical Assistance | X | X | | |
| | DWSRF Help | Loan Application Assistance | X | | |
| Planning/Design/Engineering Services | | | | | X |
| Security Issues | ERP Assistance | | | | |
| | VA Assistance | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | X |
| | Wellhead Protection & Mgmt | | | | Wellhead Protection Grants |
| | Land Acquisition | | | | X |
| Other | | | | | Security Grants |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 and estimated FFY 2015 capitalization grants.

DWSRF Set-Aside Spending

Nebraska

Comments

1 Program management activities, and other costs associated with debt issuance, financial management, consulting, and support services.

2 The program used CWSRF and DWSRF administrative funds in FFY 2012 to purchase loan and grant tracking software

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | | | | | 15% | | | | |
|---------------------------------------|---|--|--|---|------------------------|----------------------------|-----------------------------|--|--------------------------------------|---|--|---|--|
| State: | Nevada | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | | | | Local Assistance & Other State Programs | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | | | Financial Information: | | | | | |
| Workplan: N/A | | Set-Aside Total: \$5.66M (0.80%) Expended: \$5.18M (91.47%) Remaining: \$0.48M (8.53%) | | Set-Aside Total: \$3.12M (0.80%) Expended: \$2.69M (86.38%) Remaining: \$0.42M (13.62%) | | | | Set-Aside Total: \$11.42M (0.00%) Expended: \$11.06M (96.82%) Remaining: \$0.36M (3.18%) | | | | Set-Aside Total: \$12.58M (1.70%) Expended: \$12.28M (97.61%) Remaining: \$0.3M (2.39%) | |
| Governor's Report: 2014 | | | | | | | | | | | | | |
| DWNIMS: 2015 | | | | | | | | | | | | | |
| Activity Categories | | General | General | PWSS | Operator Certification | Capacity Development | Source Water Protection | Capacity Development | Wellhead and Source Water Protection | | | | |
| State Program | Staff | X | | | X | | | | | | | | |
| | General Drinking Water Admin. | | | | | | | | | | | | |
| | DWSRF Administration | X | | | | | | | | | | | |
| | Data Management | | Hydraulic modeling and digital mapping | SDWIS State | | | | | | | | | |
| | Inspections | | | | | | | | | | | | |
| | Sanitary Surveys | | X | | | | | | | | | | |
| | Compliance Activities | | X | X | SDWA requirements | | | | | | | | |
| | Enforcement | | | X | Personnel | | | | | | | | |
| Capacity Development | Capacity Development Program | | | | | X | | X | | | | | |
| | Technical | | | | | X | | X | | | | | |
| | Managerial | | | | | X | | X | | | | | |
| | Financial | | | | | X | | X | | | | | |
| General Activities | Public Education/Outreach | | | | | Annual reporting | Citizen advisory committees | | | X | | | |
| | Operator Certification | | | | X | | | | | | | | |
| | Other System Training | | | | | | | X | | | | | |
| | Circuit Riding/Site Visits | | | | | | | | | | | | |
| | Rate Studies | | Budgeting and rate setting | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | | | |
| | Plant Optimization (AWOP) | | Power consumption | | | | | | | | | | |
| | Leak Detection/Water Efficiency/ Energy Efficiency | | Water conservation | | | | | | | | | | |
| | System Partnerships | | | | | X | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | | | | |
| | Small System Assistance | | | | | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | | | |
| | Other Technical Assistance | | O&M manuals | | | | | See Comment 2 | | | | | |
| | DWSRF Help | Loan Application Assistance | Financial advisor | X | | | | | | | | | |
| Planning/Design/ Engineering Services | | | Cross connection control | Design review | | | | | | | | | |
| Security Issues | ERP Assistance | | X | | | | | | | | | | |
| | VA Assistance | | | | | | | | | X | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | X | | | X | | | |
| | Wellhead Protection & Mgmt | | X | | | | | | | X | | | |
| | Land Acquisition | | | | | | | | | | | | |
| Other | | Staff equipment and training | See Comment 1 | | | Existing system strategies | | | | | | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

Nevada

Comments

1 Funding assistance providers that may include Nevada Rural Water Association (NVRWA)

2 Develop a strategy for dealing with threats including pathogens, inorganics, and nutrients

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | |
|--------------------------|--|---|-----------------------------------|------------------------------------|---|-------------------------------|
| State: | New Hampshire | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$5.74M (4.00%) | Set-Aside Total: \$3.17M (2.00%) | Set-Aside Total: \$13.08M (10.00%) | Set-Aside Total: \$20.36M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$5.14M (89.43%) | Expended: \$3.06M (96.60%) | Expended: \$11.8M (90.21%) | Expended: \$18.85M (92.58%) | |
| DWNIMS: 2015 | | Remaining: \$0.61M (10.57%) | Remaining: \$0.11M (3.40%) | Remaining: \$1.28M (9.79%) | Remaining: \$1.51M (7.42%) | |
| Activity Categories | | General | General | General | Capacity Development | Source Water Protection Plans |
| State Program | Staff | X | X | Contractor support | | |
| | General Drinking Water Admin. | | | | | |
| | DWSRF Administration | Travel costs, inspections, and administration | | | | |
| | Data Management | X | | SDWIS Next Gen | | |
| | Inspections | | | X | | |
| | Sanitary Surveys | | | | | |
| | Compliance Activities | X | | X | | |
| | Enforcement | | | X | | |
| Capacity Development | Capacity Development Program | | X | | X | |
| | Technical | | X | | X | X |
| | Managerial | | X | | X | |
| | Financial | | X | | X | X |
| General Activities | Public Education/Outreach | | | | | |
| | Operator Certification | | | X | | X |
| | Other System Training | | | | | |
| | Circuit Riding/Site Visits | | | | | |
| | Rate Studies | | | | | |
| | Pilot Studies | | | | | |
| | Plant Optimization (AWOP) | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | X | |
| | System Partnerships | | | | | |
| | Restructuring/Consolidation | | | | | |
| | Small System Assistance | | X | | | |
| | Disadvantaged System Assistance | | | | | |
| | Other Technical Assistance | | Contractor support as needed | | | |
| DWSRF Help | Loan Application Assistance | X | | | | |
| | Planning/Design/Engineering Services | | | X | | |
| Security Issues | ERP Assistance | | | | | |
| | VA Assistance | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | X |
| | Wellhead Protection & Mgmt | | | | | |
| | Land Acquisition | | | | | |
| Other | Partnerships with State Treasury and BFA to manage DWSRF | | | | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | | | | 15% |
|-----------------------------|---|---|--|------------------------------|-----------------------------------|------------------------------|---|--|
| State: | New Jersey | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | | | Local Assistance & Other State Programs | |
| IUP: 2015 ¹ | Financial Information: | | Financial Information: | | Financial Information: | | | Financial Information: |
| Workplan: 2015 ¹ | Set-Aside Total: \$14.08M (1.20%) | | Set-Aside Total: \$7.02M (0.60%) | | Set-Aside Total: \$28.23M (2.90%) | | | Set-Aside Total: \$2.79M (0.00%) |
| Governor's Report: 2014 | Expended: \$14.08M (100.00%) | | Expended: \$6.02M (85.66%) | | Expended: \$26.39M (93.47%) | | | Expended: \$2.79M (100.00%) |
| DWNIMS: 2015 | Remaining: \$0.M (0.00%) | | Remaining: \$1.01M (14.34%) | | Remaining: \$1.84M (6.53%) | | | Remaining: \$0.M (0.00%) |
| Activity Categories | | General | General | PWSS | Source Water Protection | Capacity Development | Operator Certification | No set-aside-specific information provided in state report |
| State Program | Staff | X | | X | X | X | X | |
| | General Drinking Water Admin. | | | | | | | |
| | DWSRF Administration | X | X | See Comment 2 | | | | |
| | Data Management | | | See Comment 3 | X | X | | |
| | Inspections | | | | | | | |
| | Sanitary Surveys | | | | | | | |
| | Compliance Activities | | X | X | | X | | |
| | Enforcement | | X | | | | Zero Tolerance Policy | |
| Capacity Development | Capacity Development Program | | | | | X | | |
| | Technical | | | | | X | | |
| | Managerial | | | | | X | | |
| | Financial | | | | | X | | |
| General Activities | Public Education/Outreach | Market DWSRF program | | | X | X | See Comment 5 | |
| | Operator Certification | | | | | X | See Comment 6 | |
| | Other System Training | | Group training sessions for owners/operators | Security training | | Capacity evaluation training | X | |
| | Circuit Riding/Site Visits | | X | | | | | |
| | Rate Studies | | | | | X | | |
| | Pilot Studies | | | | | | | |
| | Plant Optimization (AWOP) | | | X | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | |
| | System Partnerships | | | | | | | |
| | Restructuring/Consolidation | | | | | | | |
| | Small System Assistance | | Small System TA Program, see Comment 1 | | | | O&M and asset management plans | |
| | Disadvantaged System Assistance | | | | | | | |
| | Other Technical Assistance | | Additional compliance assistance to daycare facilities (NCWSs) | | | | | |
| DWSRF Help | Loan Application Assistance | X | X | | | | | |
| | Planning/Design/Engineering Services | X | X | | | | | |
| Security Issues | ERP Assistance | | | X | | | | |
| | VA Assistance | | | X | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | X | | X | |
| | Wellhead Protection & Mgmt | | | | X | | | |
| | Land Acquisition | | | | | | | |
| Other | | Investigative PWS sampling to identify water quality issues | See Comment 4 | Historic Well Search Project | | | | |

¹ IUP and Workplan describe projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|--|
| New Jersey | |
| Comments | |
| 1 | Site visits focusing on: O&M of system infrastructure; compliance with monitoring requirements and appropriate sampling plans and techniques; and TA for selecting treatment technologies to address specific water quality issues |
| 2 | Rule implementation of: GWR, Radon Rule, Radionuclide Rule, microbiological/disinfection byproducts rules (including Stage 2 DBPR and LT2SWTR), LCR STR and LTR, RTCR, perchlorate, and carcinogenic VOCs |
| 3 | SDWIS/State, New Jersey Environmental Management System (NJEMS), New Jersey Electronic Environmental (E2) Reporting System, etc. |
| 4 | Multi-media Mitigation Radon Program efforts |
| 5 | Outreach activities to assist in succession planning for licensed operators |
| 6 | Various training activities to assist licensed operators in obtaining continuing education credits and also for those seeking certification; tuition reimbursement |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|-----------------------------|---|--|---------------------------------------|---|-----------------------------------|-----------------------------------|--------------------------|---|--|
| State: | New Mexico | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2016 ² | | Set-Aside Total: \$7.08M (4.00%) | | Set-Aside Total: \$3.54M (2.00%) | | Set-Aside Total: \$17.7M (10.00%) | | Set-Aside Total: \$23.83M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$6.51M (91.94%) | | Expended: \$2.8M (79.14%) | | Expended: \$14.95M (84.45%) | | Expended: \$17.62M (73.94%) | |
| DWNIMS: 2015 | | Remaining: \$0.57M (8.06%) | | Remaining: \$0.74M (20.86%) | | Remaining: \$2.75M (15.55%) | | Remaining: \$6.21M (26.06%) | |
| Activity Categories | | General | | General | | PWSS | Operator Certification | Capacity Development | Source Water and Wellhead Protection |
| State Program | Staff | X | | X | | X | X | | X |
| | General Drinking Water Admin. | | | Support for Sustainable Water Infrastructure Group Technical Services Program | | X | | | |
| | DWSRF Administration | X | | | | | | X | |
| | Data Management | | | X | | X | | X | ArcGIS spatial analysis |
| | Inspections | | | X | | X | | | |
| | Sanitary Surveys | | | | | X | | | |
| | Compliance Activities | | | X | | X | | Reporting | X |
| | Enforcement | | | | | | | | |
| Capacity Development | Capacity Development Program | | | | | X | | See Comment 2 | |
| | Technical | | | | | | | X | X |
| | Managerial | | | | | | | X | X |
| | Financial | | | | | | | X | X |
| General Activities | Public Education/Outreach | | | X | | X | | X | X |
| | Operator Certification | | | | | X | X | | |
| | Other System Training | | | Operator training | | X | X | See Comment 3 | X |
| | Circuit Riding/Site Visits | | | | | | | | |
| | Rate Studies | | | Technical capacity assessments for systems requesting funding | | | | X | X |
| | Pilot Studies | | | | | | | | See Comment 4 |
| | Plant Optimization (AWOP) | | | | | X | | X | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | X | |
| | System Partnerships | | | | | | | | X |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | X | | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | Design plans for increasing technical capacity | | X | | X | Water shortages and water quality issues |
| DWSRF Help | Loan Application Assistance | X | | | | X | | X | |
| | Planning/Design/Engineering Services | X | | | | X | | X | |
| Security Issues | ERP Assistance | | | X | | See Comment 1 | | | X |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | X | | | X |
| | Wellhead Protection & Mgmt | | | | | | | | X |
| | Land Acquisition | | | | | | | | |
| Other | | Legal fees associated with closing DWSRF loans | | | | GWUDI evaluations | | Online application for tracking water system sample plans | USGS turbidity study |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

² Workplan describes projected set-aside activities for SFY 2016 using funds from FFY 2015 and previous years' capitalization grants.

DWSRF Set-Aside Spending

New Mexico

Comments

- | | |
|---|---|
| 1 | Immediate response to confirmed acute contamination events and PWS problems that may impact public health |
| 2 | Assess technical capacity of existing systems for adequate infrastructure, treatment, storage, pumps, and distribution |
| 3 | Assist certified operators with technical knowledge on system operations, maintenance, monitoring, and reporting requirements |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | | | | | | |
|--------------------------------------|---|---------------------------------------|-----------------------------------|--------------------------------------|---|-----------------------------------|---------------------|----------------------------------|------------------|---|--|
| State: | New York | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | | |
| Workplan: 2015 ¹ | | Set-Aside Total: \$39.61M (4.00%) | | Set-Aside Total: \$18.67M (0.90%) | | Set-Aside Total: \$54.86M (4.30%) | | Set-Aside Total: \$5.92M (0.00%) | | | |
| Governor's Report: 2014 | | Expended: \$36.74M (92.76%) | | Expended: \$18.66M (99.94%) | | Expended: \$44.8M (81.67%) | | Expended: \$5.92M (100.00%) | | | |
| DWNIMS: 2015 | | Remaining: \$2.87M (7.24%) | | Remaining: \$0.01M (0.06%) | | Remaining: \$10.06M (18.33%) | | Remaining: \$0.M (0.00%) | | | |
| Activity Categories | | General | Small Water Systems | Comprehensive Performance Evaluation | PWSS | Capacity Development | Wellhead Protection | Source Water Petition Programs | Land Acquisition | | |
| State Program | Staff | X | Circuit Riders | Field staff | X | | X | | | | |
| | General Drinking Water Admin. | X | | | | | | | | | |
| | DWSRF Administration | X | | | | | | | | | |
| | Data Management | X | | | X | | | X | | | |
| | Inspections | X | Technical needs assessment | X | Security | | | | | | |
| | Sanitary Surveys | | | X | X | | | | | | |
| | Compliance Activities | | | X | X | | | | | | |
| | Enforcement | | | X | X | | | | | | |
| Capacity Development | Capacity Development Program | | X | | X | X | | | | X | |
| | Technical | | | | X | X | | | | | |
| | Managerial | | | | | X | | | | | |
| | Financial | | | | | X | | | | | |
| General Activities | Public Education/Outreach | Public participation efforts | X | | Child Health Initiative and UCMR | | | | | | |
| | Operator Certification | | | | X | | | | | | |
| | Other System Training | | Local health unit staff | Equipment training | X | | | | | | |
| | Circuit Riding/Site Visits | | X | | | | | | | | |
| | Rate Studies | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | X | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | | |
| | System Partnerships | | X | | | | | | | | |
| | Restructuring/Consolidation | | X | | | | | | | | |
| | Small System Assistance | | X | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | |
| | Other Technical Assistance | | X | GWUDI assessments | Maintain state laboratory capabilities | | | | SWAP | | |
| | DWSRF Help | Loan Application Assistance | X | | | | | | | | |
| Planning/Design/Engineering Services | | X | | | X | | | | | | |
| Security Issues | ERP Assistance | | | | X | | | | | | |
| | VA Assistance | | | | | | X | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | X | | X | | | X | |
| | Wellhead Protection & Mgmt | | | | X | | X | | | | |
| | Land Acquisition | | | | | | | | | | |
| Other | | State Environmental Review Process | Materials cost estimations | | | | | | | | |

¹ IUP and Workplan describe projected set-aside activities for FFY 2015 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | | | |
|--------------------------|---|---------------------------------------|--|----------------------------------|---|-----------------------------------|------------------|---|
| State: | North Carolina | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | |
| Workplan: N/A | | Set-Aside Total: \$18.17M (4.00%) | | Set-Aside Total: \$7.77M (2.00%) | | Set-Aside Total: \$35.5M (10.00%) | | |
| Governor's Report: 2014 | | Expended: \$9.93M (54.67%) | | Expended: \$5.57M (71.68%) | | Expended: \$29.3M (82.54%) | | |
| DWNIMS: 2015 | | Remaining: \$8.24M (45.33%) | | Remaining: \$2.2M (28.32%) | | Remaining: \$6.2M (17.46%) | | |
| Activity Categories | | General | Used jointly by the PWS Section and North Carolina Rural Water Association | PWSS | Capacity Development | Wellhead Protection | Land Acquisition | |
| State Program | Staff | X | See Comment 1 | X | X | X | | |
| | General Drinking Water Admin. | | | X | | | | |
| | DWSRF Administration | X | | | | | X | |
| | Data Management | X | | GIS Mapping | | X | | |
| | Inspections | Construction inspections | Compliance inspections | | | X | | |
| | Sanitary Surveys | | | | | | | |
| | Compliance Activities | | X | | | | | |
| | Enforcement | | X | | | | | |
| Capacity Development | Capacity Development Program | X | X | X | X | | | |
| | Technical | | X | | | | | |
| | Managerial | | X | | | | | |
| | Financial | | X | | | | | |
| General Activities | Public Education/Outreach | | X | | | | | |
| | Operator Certification | | X | | | | | |
| | Other System Training | | | X | | | | |
| | Circuit Riding/Site Visits | | X | | | | | |
| | Rate Studies | | | | | | | |
| | Pilot Studies | | X | | | | | |
| | Plant Optimization (AWOP) | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | |
| | System Partnerships | | | | | | | |
| | Restructuring/Consolidation | | | | | | | |
| | Small System Assistance | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | |
| | Other Technical Assistance | | | X | X | | NCRWA | |
| DWSRF Help | Loan Application Assistance | X | | | | | | X |
| | Planning/Design/Engineering Services | Engineering report reviews | Sample siting plans | | | | | |
| Security Issues | ERP Assistance | | X | | | | | |
| | VA Assistance | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | Assist with SWP | X | | X | X | |
| | Wellhead Protection & Mgmt | | | X | | X | | |
| | Land Acquisition | | | Loans for land conservation | | | | X |
| Other | | | | | Equipment | | | |

¹ IUP describes projected set-aside activities for FY 2015 using funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

North Carolina

Comments

| | |
|---|---|
| 1 | 3 FTEs with the PWS section and 1 circuit rider for NCRWA |
|---|---|

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% |
|--------------------------------------|---|---------------------------------------|-----------------------------------|----------------------------------|--|
| State: | North Dakota | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs |
| IUP: N/A | | Financial Information: | Financial Information: | Financial Information: | Financial Information: |
| Workplan: N/A | | Set-Aside Total: \$7.42M (4.00%) | Set-Aside Total: \$2.8M (1.90%) | Set-Aside Total: \$2.87M (5.70%) | Set-Aside Total: \$0.44M (0.00%) |
| Governor's Report: 2014 | | Expended: \$7.08M (95.30%) | Expended: \$2.5M (89.03%) | Expended: \$1.41M (48.99%) | Expended: \$0.44M (100.00%) |
| DWNIMS: 2015 | | Remaining: \$0.35M (4.70%) | Remaining: \$0.31M (10.97%) | Remaining: \$1.46M (51.01%) | Remaining: \$0.M (0.00%) |
| Activity Categories | | General | General | PWSS | Specific set-aside activities not provided in state reports. |
| State Program | Staff | X | | X | |
| | General Drinking Water Admin. | | | | |
| | DWSRF Administration | X | | | |
| | Data Management | | | | |
| | Inspections | | X | | |
| | Sanitary Surveys | | | | |
| | Compliance Activities | | | | |
| | Enforcement | | | | |
| Capacity Development | Capacity Development Program | | X | X | |
| | Technical | | | X | |
| | Managerial | | | X | |
| | Financial | | | X | |
| General Activities | Public Education/Outreach | | | | |
| | Operator Certification | | X | X | |
| | Other System Training | | X | X | |
| | Circuit Riding/Site Visits | | | X | |
| | Rate Studies | | X | X | |
| | Pilot Studies | | | | |
| | Plant Optimization (AWOP) | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | |
| | System Partnerships | | | | |
| | Restructuring/Consolidation | | | | |
| | Small System Assistance | | | | |
| | Disadvantaged System Assistance | | | | |
| | Other Technical Assistance | | | X | |
| | DWSRF Help | Loan Application Assistance | | | |
| Planning/Design/Engineering Services | | | | | |
| Security Issues | ERP Assistance | | | | |
| | VA Assistance | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | |
| | Wellhead Protection & Mgmt | | | | |
| | Land Acquisition | | | | |
| Other | | | | | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% |
|--------------------------------------|---|---------------------------------------|---|----------------------------------|--|
| State: | Ohio | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: |
| Workplan: 2015 ¹ | | Set-Aside Total: \$16.85M (0.00%) | Set-Aside Total: \$8.44M (2.00%) | Set-Aside Total: \$6.49M (5.00%) | Set-Aside Total: \$17.35M (0.00%) |
| Governor's Report: 2014 | | Expended: \$16.24M (96.36%) | Expended: \$7.57M (89.70%) | Expended: \$4.59M (70.75%) | Expended: \$16.76M (96.62%) |
| DWNIMS: 2015 | | Remaining: \$0.61M (3.64%) | Remaining: \$0.87M (10.30%) | Remaining: \$1.9M (29.25%) | Remaining: \$0.59M (3.38%) |
| Activity Categories | | General | General | PWSS | Specific set-aside activities not provided in state reports. |
| State Program | Staff | X | | X | |
| | General Drinking Water Admin. | | | X | |
| | DWSRF Administration | X | | | |
| | Data Management | | | X | |
| | Inspections | | | | |
| | Sanitary Surveys | | X | | |
| | Compliance Activities | | X | X | |
| | Enforcement | | X | | |
| Capacity Development | Capacity Development Program | | X | X | |
| | Technical | | X | X | |
| | Managerial | | X | X | |
| | Financial | | X | X | |
| General Activities | Public Education/Outreach | | X | X | |
| | Operator Certification | | X | | |
| | Other System Training | | Capability training | X | |
| | Circuit Riding/Site Visits | | X | X | |
| | Rate Studies | | | | |
| | Pilot Studies | | | | |
| | Plant Optimization (AWOP) | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | |
| | System Partnerships | | | | |
| | Restructuring/Consolidation | | X | | |
| | Small System Assistance | | X | X | |
| | Disadvantaged System Assistance | | | | |
| | Other Technical Assistance | | X | TA for SWP plans | |
| | DWSRF Help | Loan Application Assistance | | X | |
| Planning/Design/Engineering Services | | | X | | |
| Security Issues | ERP Assistance | | Ohio Water/Wastewater Agency Response Network | | |
| | VA Assistance | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | SWP implementation survey | |
| | Wellhead Protection & Mgmt | | | | |
| | Land Acquisition | | | | |
| Other | | | | HAB Response Strategy | |

¹ IUP and Workplan describe projected set-aside activities for Program Year 2015 (July 1, 2014 to June 30, 2015) using funds from FFY 2014 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% Administrative & Technical Assistance | 2% Small System Technical Assistance | 10% State Program Management | 15% Local Assistance & Other State Programs | |
|--------------------------------------|---|--|---|------------------------------------|---|----------------------------------|
| State: | Oklahoma | | | | | |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$9.07M (3.80%) | Set-Aside Total: \$3.65M (2.00%) | Set-Aside Total: \$17.12M (10.00%) | Set-Aside Total: \$19.06M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$8.95M (98.65%) | Expended: \$3.55M (97.37%) | Expended: \$16.57M (96.78%) | Expended: \$17.83M (93.59%) | |
| DWNIMS: 2015 | | Remaining: \$0.12M (1.35%) | Remaining: \$0.1M (2.63%) | Remaining: \$0.55M (3.22%) | Remaining: \$1.22M (6.41%) | |
| Activity Categories | | General | General | General | Capacity Development | Wellhead Protection |
| State Program | Staff | X | | X | | X |
| | General Drinking Water Admin. | | | | | |
| | DWSRF Administration | X | | | | |
| | Data Management | | | | | |
| | Inspections | | | | | |
| | Sanitary Surveys | | | | X | |
| | Compliance Activities | | X | X | X | |
| | Enforcement | | | X | X | |
| Capacity Development | Capacity Development Program | | X | X | X | |
| | Technical | | X | X | X | |
| | Managerial | | X | X | X | |
| | Financial | | X | X | X | |
| General Activities | Public Education/Outreach | | Improve quality of service to customers | | | |
| | Operator Certification | | | | X | |
| | Other System Training | | | | | |
| | Circuit Riding/Site Visits | | | | | |
| | Rate Studies | | | | X | |
| | Pilot Studies | | | | | |
| | Plant Optimization (AWOP) | | | | X | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | Water loss audits | |
| | System Partnerships | | | | | |
| | Restructuring/Consolidation | | | | X | |
| | Small System Assistance | | X | X | CUPSS | |
| | Disadvantaged System Assistance | | | | | |
| | Other Technical Assistance | | | | LT1ESWTR and DBPR assistance | |
| | DWSRF Help | Loan Application Assistance | | | | Funding Agency Coordinating Team |
| Planning/Design/Engineering Services | | | | | Construction Permitting Program | |
| Security Issues | ERP Assistance | | | | | |
| | VA Assistance | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | X | X | X |
| | Wellhead Protection & Mgmt | | | | | X |
| | Land Acquisition | | | | | |
| Other | | | | | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 and previous years' capitalization grants.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | | |
|-----------------------------|---|----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|--|--------------------------|-----------------------------------|---|----------------------|---|
| State: | Oregon | | | | | | | | | | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | | |
| Workplan: 2015 ² | | Set-Aside Total: \$9.33M (0.00%) | | Set-Aside Total: \$3.35M (0.00%) | | Set-Aside Total: \$13.36M (0.00%) | | Set-Aside Total: \$21.52M (0.00%) | | | |
| Governor's Report: 2014 | | Expended: \$8.73M (93.55%) | | Expended: \$2.76M (82.62%) | | Expended: \$13.33M (99.73%) | | Expended: \$19.69M (91.47%) | | | |
| DWNIMS: 2015 | | Remaining: \$0.6M (6.45%) | | Remaining: \$0.58M (17.38%) | | Remaining: \$0.04M (0.27%) | | Remaining: \$1.83M (8.53%) | | | |
| Activity Categories | | General | | General | | County Program Support | | Capacity Development | Implementation of Protection | DW Source Protection | |
| State Program | Staff | X | | X | | X | | X | X | | |
| | General Drinking Water Admin. | X | | | | Augment PWSS activities | | | | | |
| | DWSRF Administration | X | | | | | | | | | |
| | Data Management | | | | | | | | Source water assessment and GIS | | |
| | Inspections | | | | | Investigating water quality alerts | | | | | |
| | Sanitary Surveys | | | Crypto and MPA Sampling | | X | | | | | |
| | Compliance Activities | | | X | | Investigating and resolving SNCs by returning them to compliance | | | | | |
| | Enforcement | | | | | | | | | | |
| Capacity Development | Capacity Development Program | | | | | | | X | | | |
| | Technical | | | | | | | X | | | |
| | Managerial | | | | | | | X | | | |
| | Financial | | | | | | | X | | | |
| General Activities | Public Education/Outreach | | | | | | | X | X | | |
| | Operator Certification | | | X | | | | | | | |
| | Other System Training | | | X | | X | | X | X | | |
| | Circuit Riding/Site Visits | | | X | | | | | | | |
| | Rate Studies | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | X | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | | |
| | System Partnerships | | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | | |
| | Small System Assistance | | | X | | | | | | X | |
| | Disadvantaged System Assistance | | | | | | | | | | |
| | Other Technical Assistance | | | | | | | Answer questions on O&M | X | | |
| DWSRF Help | Loan Application Assistance | X | | X | | | | | | | X |
| | Planning/Design/Engineering Services | X | | On-site technical assistance | | | | | | | |
| Security Issues | ERP Assistance | | | | | | | | | | |
| | VA Assistance | | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | X | | X |
| | Wellhead Protection & Mgmt | | | | | | | | | | |
| | Land Acquisition | | | | | | | | Land use planning assistance | | |
| Other | | | | | | | | | | | |

¹ IUP describes projected activities for SFY 2016 using funds from FFY 2015 capitalization grant.

² Workplan describes projected activities for SFY 2015 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% Administrative & Technical Assistance | 2% Small System Technical Assistance | 10% State Program Management | | | 15% Local Assistance & Other State Programs | |
|-----------------------------|---|--|--------------------------------------|-----------------------------------|------------------------|------------------------|---|-------------------------------|
| State: | Pennsylvania | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | | | Financial Information: | |
| Workplan: 2015 ¹ | | Set-Aside Total: \$19.91M (4.00%) | Set-Aside Total: \$8.01M (2.00%) | Set-Aside Total: \$40.31M (8.40%) | | | Set-Aside Total: \$55.53M (5.00%) | |
| Governor's Report: 2014 | | Expended: \$19.5M (97.93%) | Expended: \$7.62M (95.12%) | Expended: \$36.97M (91.70%) | | | Expended: \$53.64M (96.60%) | |
| DWNIMS: 2015 | | Remaining: \$0.41M (2.07%) | Remaining: \$0.39M (4.88%) | Remaining: \$3.35M (8.30%) | | | Remaining: \$1.89M (3.40%) | |
| Activity Categories | | General | Capability Enhancement | Source Water Protection | Operator Certification | Capability Enhancement | Source Water Protection | Capability Enhancement |
| State Program | Staff | | 3 FTEs | X | X | X | | |
| | General Drinking Water Admin. | | X | | X | See Comment 3 | | |
| | DWSRF Administration | X | | | | | | |
| | Data Management | | | | X | PADWIS | GIS tools maintenance | |
| | Inspections | | | | | | | X |
| | Sanitary Surveys | | | | | | | X |
| | Compliance Activities | | | | X | X | | X |
| | Enforcement | | | | X | | | |
| Capacity Development | Capacity Development Program | | X | | X | X | | X |
| | Technical | | X | | X | X | | X |
| | Managerial | | X | | X | X | | X |
| | Financial | | X | | X | X | | X |
| General Activities | Public Education/Outreach | | X | | | | X | Partnership for Safe Water |
| | Operator Certification | | | | X | | | X |
| | Other System Training | | | | X | New rule training | See Comment 5 | |
| | Circuit Riding/Site Visits | | | | | | | |
| | Rate Studies | | | | | | | X |
| | Pilot Studies | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | X | Plant and distribution system |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | |
| | System Partnerships | | | | | | | |
| | Restructuring/Consolidation | | X | | | | | |
| | Small System Assistance | | X | | | | | |
| | Disadvantaged System Assistance | | | | | | | |
| | Other Technical Assistance | | X | | SWP TA Program | See Comment 2 | See Comment 4 | X |
| DWSRF Help | Loan Application Assistance | | X | | | | | |
| | Planning/Design/Engineering Services | | X | | | | | |
| Security Issues | ERP Assistance | | | X | | X | | |
| | VA Assistance | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | See Comment 1 | | | X | |
| | Wellhead Protection & Mgmt | | | | | | X | |
| | Land Acquisition | | | | | | | |
| Other | | | | Equipment and supplies | Equipment and supplies | Equipment and supplies | Early warning spill detection system (RAIN) | |

¹ IUP and Workplan describe projected set-aside activities for SFY 2015-2016 using funds from FFY 2015 and previous years' capitalization grants.

| DWSRF Set-Aside Spending | |
|---------------------------------|---|
| Pennsylvania | |
| Comments | |
| 1 | Includes various source water protection programs and initiatives: source water assessments and source water protection strategies, Water Resource Planning Initiative, and Interstate Resource coordination and Water Resource Protection Initiative |
| 2 | Outreach Assistance Provider Program (OAPP) |
| 3 | Supplement expenses for a statewide training conference to update staff on new regulatory initiatives, new technical information, and address program compliance and data management issues |
| 4 | Distribution System Optimization program to establish distribution system specific best management practices and encourage water systems to work towards water quality goals |
| 5 | Meter Well Owners Network (MWON): trained volunteers offering guidance to well owners on the proper construction, operation, and maintenance of private water systems |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% ● Administrative & Technical Assistance | 2% ● Small System Technical Assistance | 10% ● State Program Management | 15% ● Local Assistance & Other State Programs | |
|--------------------------|---|---|--|--|---|--|
| State: | Puerto Rico | | | | | |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$7.54M (7.80%) | Set-Aside Total: \$4.02M (3.90%) | Set-Aside Total: \$0.23M (0.00%) | Set-Aside Total: \$1.26M (0.00%) | |
| Governor's Report: 2014 | | Expended: \$5.48M (72.64%) | Expended: \$3.19M (79.41%) | Expended: \$0.23M (100.00%) | Expended: \$1.26M (100.00%) | |
| DWNIMS: 2015 | | Remaining: \$2.06M (27.36%) | Remaining: \$0.83M (20.59%) | Remaining: \$0.M (0.00%) | Remaining: \$0.M (0.00%) | |
| Activity Categories | | General | General | Capacity Development ² | Operator Certification ² | Specific set-aside activities not provided in state reports. |
| State Program | Staff | X | | | X | |
| | General Drinking Water Admin. | | | | | |
| | DWSRF Administration | X | | | | |
| | Data Management | | | | | |
| | Inspections | | | X | | |
| | Sanitary Surveys | | | | | |
| | Compliance Activities | | X | SDWA compliance | X | |
| | Enforcement | | | X | X | |
| Capacity Development | Capacity Development Program | | X | X | | |
| | Technical | | | X | | |
| | Managerial | | | X | | |
| | Financial | | | X | | |
| General Activities | Public Education/Outreach | | CCR preparation | | | |
| | Operator Certification | | | X | X | |
| | Other System Training | | X | X | X | |
| | Circuit Riding/Site Visits | | X | X | | |
| | Rate Studies | | | | | |
| | Pilot Studies | | | X | | |
| | Plant Optimization (AWOP) | | X | X | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | |
| | System Partnerships | | | | | |
| | Restructuring/Consolidation | | | | | |
| | Small System Assistance | | Security project | | | |
| | Disadvantaged System Assistance | | | | | |
| | Other Technical Assistance | | Adapted Comprehensive Performance Evaluation (CPE) | | X | |
| DWSRF Help | Loan Application Assistance | | | | | |
| | Planning/Design/Engineering Services | | | | | |
| Security Issues | ERP Assistance | | | | | |
| | VA Assistance | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | X | | | |
| | Wellhead Protection & Mgmt | | | | | |
| | Land Acquisition | | | | | |
| Other | | | | | | |

¹ Workplan describes projected set-aside activities for FFY 2015-2016 using funds from FFY 2015 capitalization grant.

² These activities are not always funded through the state set-asides and may vary among different fiscal years.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|-----------------------------|---|----------------------------------|---------------------------------------|---|-----------------------------------|---|--------------------------|--|---|
| State: | Rhode Island | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2015 ² | | Set-Aside Total: \$5.74M (4.00%) | | Set-Aside Total: \$2.55M (2.50%) | | Set-Aside Total: \$11.68M (10.00%) | | Set-Aside Total: \$14.78M (15.00%) | |
| Governor's Report: 2014 | | Expended: \$3.72M (64.77%) | | Expended: \$2.7M (105.71%) | | Expended: \$12.85M (110.08%) | | Expended: \$13.33M (90.24%) | |
| DWNIMS: 2015 | | Remaining: \$2.02M (35.23%) | | Remaining: -\$0.15M (-5.71%) | | Remaining: -\$1.18M (-10.08%) | | Remaining: \$1.44M (9.76%) | |
| Activity Categories | | General | | General | | PWSS and Capacity Development | | Capacity Development and Source Water and Wellhead Protection | |
| State Program | Staff | | | X | | X | | X | |
| | General Drinking Water Admin. | | | | | Lab QC/QA Program and Lab Certification Program | | | |
| | DWSRF Administration | X | | | | DWSRF brochure and quarterly newsletter | | | |
| | Data Management | | | | | | | Development of a GIS-based groundwater quality database | |
| | Inspections | | | | | X | | | |
| | Sanitary Surveys | | | | | X | | | |
| | Compliance Activities | | | X | | X | | | |
| | Enforcement | | | | | X | | | |
| Capacity Development | Capacity Development Program | | | X | | X | | X | |
| | Technical | | | X | | X | | X | |
| | Managerial | | | X | | X | | X | |
| | Financial | | | X | | X | | X | |
| General Activities | Public Education/Outreach | | | X | | Promote use of DWSRF | | Promote source protection and support water system capacity | |
| | Operator Certification | | | | | X | | X | |
| | Other System Training | | | Operation and maintenance issues training for operators | | | | Guidance for contract operators | |
| | Circuit Riding/Site Visits | | | X | | X | | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | Water system sustainability | | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | Assist small systems in preparing CCRs | | | X | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | X | | | | | X |
| DWSRF Help | Loan Application Assistance | | | | | X | | | |
| | Planning/Design/Engineering Services | | | X | | | | | X |
| Security Issues | ERP Assistance | | | | | See Comment 1 | | X | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | X | |
| | Wellhead Protection & Mgmt | | | | | | | X | |
| | Land Acquisition | | | | | | | | |
| Other | | | CCR assistance | | | Capacity Building Toolkits | | Generator Project | |

¹ IUP describes projected set-aside activities for FY 2015 with funds from FFY 2014 capitalization grant.

² Workplan describes projected set-aside activities for SFY 2015 and SFY 2016 using funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

Rhode Island

Comments

1

Updated Drinking Water Program Emergency Operations Plan; developed, updated, and distributed an annual Hurricane Preparedness Brochure for PWSs; developed and implemented PWS Emergency Communications policy; and completed 4 PWS emergency plan development workshops

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|--------------------------|---|----------------------------------|--|--|-----------------------------------|-----------------------------------|--------------------------|-----------------------------------|---|
| State: | South Carolina | | | | | | | | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$5.46M (4.00%) | | Set-Aside Total: \$2.46M (2.00%) | | Set-Aside Total: \$5.81M (10.00%) | | Set-Aside Total: \$4.48M (10.00%) | |
| Governor's Report: 2014 | | Expended: \$5.43M (99.45%) | | Expended: \$2.22M (90.46%) | | Expended: \$4.86M (83.54%) | | Expended: \$3.59M (80.14%) | |
| DWNIMS: 2015 | | Remaining: \$0.03M (0.56%) | | Remaining: \$0.23M (9.54%) | | Remaining: \$0.96M (16.46%) | | Remaining: \$0.89M (19.86%) | |
| Activity Categories | | General | | General | | PWSS | | Drinking Water Protection | |
| State Program | Staff | X | | Contract with SC Rural Water Association or other entities | | | | | |
| | General Drinking Water Admin. | | | | | X | | | |
| | DWSRF Administration | X | | | | | | | |
| | Data Management | | | | | | | | |
| | Inspections | | | | | | | | |
| | Sanitary Surveys | | | X | | | | | |
| | Compliance Activities | | | Bacteriological, radionuclide, and chemical monitoring | | X | | | |
| | Enforcement | | | | | | | | |
| Capacity Development | Capacity Development Program | | | X | | | | | |
| | Technical | | | X | | | | | |
| | Managerial | | | X | | | | | |
| | Financial | | | X | | | | | |
| General Activities | Public Education/Outreach | | | X | | | | | |
| | Operator Certification | | | | | | | | |
| | Other System Training | | | X | | | | | |
| | Circuit Riding/Site Visits | | | | | | | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | X | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | X | | | | | |
| | Small System Assistance | | | X | | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | | | | | | |
| DWSRF Help | Loan Application Assistance | | | | | | | | |
| | Planning/Design/Engineering Services | | | | | | | | |
| Security Issues | ERP Assistance | | | | | | | | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | X | |
| | Wellhead Protection & Mgmt | | | | | | | X | |
| | Land Acquisition | | | | | | | | |
| Other | | | Construction permit program/operating permit program | | | | | | |

¹ IUP describes projected set-aside activities for SFY 2016 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | | |
|--------------------------|---|----------------------------------|---------------------------------------|-----------------------------------|--|--|---|----------------------------------|---|---|--|
| State: | South Dakota | | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | | |
| Workplan: N/A | | Set-Aside Total: \$6.29M (0.00%) | | Set-Aside Total: \$2.92M (0.00%) | | Set-Aside Total: \$0.M (0.00%) | | Set-Aside Total: \$0.82M (0.00%) | | | |
| Governor's Report: 2014 | | Expended: \$6.04M (96.00%) | | Expended: \$2.76M (94.52%) | | Expended: \$0.M (100.00%) | | Expended: \$0.22M (26.94%) | | | |
| DWNIMS: 2015 | | Remaining: \$0.25M (4.00%) | | Remaining: \$0.16M (5.48%) | | Remaining: \$0.M (0.00%) | | Remaining: \$0.6M (73.06%) | | | |
| Activity Categories | | General | | General | | General | | General | | | |
| State Program | Staff | X | | | | | | | | | |
| | General Drinking Water Admin. | | | | | X | | | | | |
| | DWSRF Administration | X | | | | | | | | | |
| | Data Management | | | | | Tracking capacity development activities | | | | | |
| | Inspections | | | | | | | | | | |
| | Sanitary Surveys | | | | | | | | | | |
| | Compliance Activities | | | Water audits | | | X | | | | |
| | Enforcement | | | | | | | | | | |
| Capacity Development | Capacity Development Program | | | X | | | X | | X | | |
| | Technical | | | X | | | X | | X | | |
| | Managerial | | | X | | | X | | X | | |
| | Financial | | | X | | | X | | X | | |
| General Activities | Public Education/Outreach | | | CCR assistance | | | X | | | | |
| | Operator Certification | | | X | | | X | | | | |
| | Other System Training | | | | | | X | | | | |
| | Circuit Riding/Site Visits | | | X | | | | | | | |
| | Rate Studies | | | Rate Maker software rate analysis | | | | | | | |
| | Pilot Studies | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | X | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | X | | | | | | | |
| | System Partnerships | | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | | |
| | Small System Assistance | | | X | | | Small water system asset management workshops | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | |
| | Other Technical Assistance | | | | | | | | | | |
| DWSRF Help | Loan Application Assistance | | | | | | | | | | |
| | Planning/Design/Engineering Services | | | | Small Community Planning Grant Program | | | X | | | |
| Security Issues | ERP Assistance | | | | | | | | | | |
| | VA Assistance | | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | UIC Class V wells | | | X | |
| | Wellhead Protection & Mgmt | | | | | | | | | X | |
| | Land Acquisition | | | | | | | | | X | |
| Other | | | | | | | | | | | |

¹ IUP describes projected set-aside activities for FFY 2015 using estimated funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% Administrative & Technical Assistance | 2% Small System Technical Assistance | 10% State Program Management | | | 15% Local Assistance & Other State Programs |
|--------------------------|---|--|--------------------------------------|--|----------------------|--------------------------|--|
| State: | Tennessee | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | Financial Information: | Financial Information: | | | Financial Information: |
| Workplan: N/A | | Set-Aside Total: \$7.77M (4.00%) | Set-Aside Total: \$3.88M (2.00%) | Set-Aside Total: \$20.31M (6.00%) | | | Set-Aside Total: \$4.08M (0.00%) |
| Governor's Report: 2014 | | Expended: \$6.57M (84.62%) | Expended: \$2.84M (73.26%) | Expended: \$18.63M (91.77%) | | | Expended: \$3.44M (84.42%) |
| DWNIMS: 2015 | | Remaining: \$1.19M (15.38%) | Remaining: \$1.04M (26.74%) | Remaining: \$1.67M (8.23%) | | | Remaining: \$0.64M (15.58%) |
| Activity Categories | | General | General | PWSS | Capacity Development | Laboratory Certification | Specific set-aside activities not provided in state reports. |
| State Program | Staff | X | X | X | | | |
| | General Drinking Water Admin. | | | X | | | |
| | DWSRF Administration | X | | | | | |
| | Data Management | | | X | | | |
| | Inspections | | X | | X | X | |
| | Sanitary Surveys | | | X | | X | |
| | Compliance Activities | | X | X | | | |
| | Enforcement | | | X | X | | |
| Capacity Development | Capacity Development Program | | | X | X | | |
| | Technical | | | X | X | | |
| | Managerial | | | X | X | | |
| | Financial | | | X | X | | |
| General Activities | Public Education/Outreach | | | Public hearings | | | |
| | Operator Certification | | X | | | X | |
| | Other System Training | | X | X | X | | |
| | Circuit Riding/Site Visits | | | | X | | |
| | Rate Studies | | | | | | |
| | Pilot Studies | | | | | | |
| | Plant Optimization (AWOP) | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | |
| | System Partnerships | | X | | | | |
| | Restructuring/Consolidation | | | | | | |
| | Small System Assistance | | | | | | |
| | Disadvantaged System Assistance | | | | | | |
| | Other Technical Assistance | | | Small water system operator technical assistance | X | X | |
| DWSRF Help | Loan Application Assistance | | | | | | |
| | Planning/Design/Engineering Services | | | X | | | |
| Security Issues | ERP Assistance | | | | | | |
| | VA Assistance | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | |
| | Wellhead Protection & Mgmt | | | | | | |
| | Land Acquisition | | | | | | |
| Other | | Staff training | | | | Laboratory audits | |

¹ IUP describes projected set-aside activities for FY 2015 to FY 2016 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | |
|--------------------------|---|-----------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|--|--------------------------|--|---|-------------------------|
| State: | Texas | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | |
| Workplan: N/A | | Set-Aside Total: \$49.65M (4.00%) | | Set-Aside Total: \$16.45M (2.00%) | | Set-Aside Total: \$105.47M (10.00%) | | Set-Aside Total: \$8.78M (2.30%) | | |
| Governor's Report: 2014 | | Expended: \$49.66M (100.01%) | | Expended: \$14.21M (86.37%) | | Expended: \$101.82M (96.54%) | | Expended: \$8.28M (94.23%) | | |
| DWNIMS: 2015 | | Remaining: \$0.01M (-0.01%) | | Remaining: \$2.24M (13.63%) | | Remaining: \$3.65M (3.46%) | | Remaining: \$0.51M (5.77%) | | |
| Activity Categories | | General | | General | | Primacy Program and Capacity Development | | Capacity Development | | Source Water Protection |
| State Program | Staff | | | | | | | Contracts | | |
| | General Drinking Water Admin. | | | | | PWSS | | | | |
| | DWSRF Administration | | X | | | | | | | |
| | Data Management | | | | | | | | | |
| | Inspections | | | | | | | | | |
| | Sanitary Surveys | | | | | | | X | | |
| | Compliance Activities | | | X | | | X | See Comment 1 | | |
| | Enforcement | | | | | | X | X | | |
| Capacity Development | Capacity Development Program | | | X | | | X | X | | |
| | Technical | | | | | | | X | | |
| | Managerial | | | | | | | X | | |
| | Financial | | | | | | | X | | |
| General Activities | Public Education/Outreach | | | | | | | X | | |
| | Operator Certification | | | | | | | X | | |
| | Other System Training | | | | | | | X | | |
| | Circuit Riding/Site Visits | | | | | | | | | |
| | Rate Studies | | | | | | | | | |
| | Pilot Studies | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | X | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | | |
| | System Partnerships | | | | | | | | | |
| | Restructuring/Consolidation | | | | X | | | X | | |
| | Small System Assistance | | | | X | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | |
| | Other Technical Assistance | | | | | | | X | X | |
| DWSRF Help | Loan Application Assistance | | X | | | | | | | |
| | Planning/Design/Engineering Services | | Project developing and monitoring | | | | | X | | |
| Security Issues | ERP Assistance | | | | | | | X | | |
| | VA Assistance | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | X | | | | Water conservation and drought contingency | | X |
| | Wellhead Protection & Mgmt | | | X | | | | | | X |
| | Land Acquisition | | | | | | | | | |
| Other | | | | | | | See Comment 2 | | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|---|
| Texas | |
| Comments | |
| 1 | Analyze and track rule-exception requests |
| 2 | Supplying equipment to PWSs for LCR program |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | | | | 15% | | | |
|--------------------------|---|---|-----------------------------------|---|--|------|---|------------------------|-------------------------|--|----------------------|
| State: | Utah | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | | | Local Assistance & Other State Programs | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | | Financial Information: | | | | |
| Workplan: N/A | | Set-Aside Total: \$6.31M (5.10%) Expended: \$5.8M (91.91%) Remaining: \$0.51M (8.09%) | | Set-Aside Total: \$3.73M (2.00%) Expended: \$3.32M (88.99%) Remaining: \$0.41M (11.01%) | | | Set-Aside Total: \$17.15M (10.00%) Expended: \$15.58M (90.87%) Remaining: \$1.57M (9.13%) | | | Set-Aside Total: \$7.92M (10.40%) Expended: \$6.81M (85.99%) Remaining: \$1.11M (14.01%) | |
| Governor's Report: 2014 | | | | | | | | | | | |
| DWNIMS: 2015 | | | | | | | | | | | |
| Activity Management | | General | | General | | PWSS | Capacity Development | Operator Certification | Source Water Protection | Capacity Development / Outreach Assistance | Wellhead Protection |
| State Program | Staff | X | | X | | X | X | | X | X | |
| | General Drinking Water Admin. | X | | | | X | SDWA | | | X | |
| | DWSRF Administration | X | | | | | | | | | |
| | Data Management | | | ETT | | X | | | | | Zone geodatabase GIS |
| | Inspections | | | | | | | | | | |
| | Sanitary Surveys | | | | | X | | | | X | |
| | Compliance Activities | | | X | | X | | | | X | |
| | Enforcement | | | X | | | | | | X | |
| Capacity Development | Capacity Development Program | | | X | | | X | | | X | |
| | Technical | | | X | | | | | | X | |
| | Managerial | | | X | | | | X | | X | |
| | Financial | | | X | | | | | | | |
| General Activities | Public Education/Outreach | | | | | | | | | X | |
| | Operator Certification | | | | | | | X | | See Comment 3 | |
| | Other System Training | | | See Comment 1 | | | | X | | | |
| | Circuit Riding/Site Visits | | | X | | | | | | | |
| | Rate Studies | | | X | | | | | | | |
| | Pilot Studies | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | X | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | X | | | | | | | |
| | System Partnerships | | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | | |
| | Small System Assistance | | | | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | |
| | Other Technical Assistance | | | X | | | | | X | Minor system repairs | X |
| DWSRF Help | Loan Application Assistance | | | X | | | | | | | |
| | Planning/Design/ Engineering Services | | | X | | X | | | | | |
| Security Issues | ERP Assistance | | | | | | | | | X | |
| | VA Assistance | | | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | X | | | X | | X |
| | Wellhead Protection & Mgmt | | | | | | | | | | X |
| | Land Acquisition | | | | | | | | | | |
| Other | | Equipment and travel costs | | See Comment 2 | | | | Training supplies | | Cross connection control | |

¹ IUP describes projected set-aside activities for FY 2015 using funds from FFY 2015 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|---|
| Utah | |
| Comments | |
| 1 | Special RWAU personnel to train on leak detection and energy efficiency for small, rural systems serving fewer than 10,000 people |
| 2 | Special equipment such as leak detectors, pipeline cameras, and an infrared camera |
| 3 | Operator training for proper disinfection techniques, flushing, safe equipment usage, cross connection control, and emergency response training |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | 15% | | | | | | |
|-----------------------------|---|--|-----------------------------------|---|---|---|-----------------------------------|---|-----------------------------|-----------------------|--|
| State: | Vermont | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | Local Assistance & Other State Programs | | | | | | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | | |
| Workplan: 2016 ¹ | | Set-Aside Total: \$7.07M (4.00%) Expended: \$7.02M (99.30%) Remaining: \$0.05M (0.70%) | | Set-Aside Total: \$3.08M (2.00%) Expended: \$2.56M (83.20%) Remaining: \$0.52M (16.80%) | | Set-Aside Total: \$14.74M (10.00%) Expended: \$12.6M (85.46%) Remaining: \$2.14M (14.54%) | | Set-Aside Total: \$12.85M (6.90%) Expended: \$12.8M (99.58%) Remaining: \$0.05M (0.42%) | | | |
| Governor's Report: 2014 | | | | | | | | | | | |
| DWNIMS: 2015 | | | | | | | | | | | |
| Activity Categories | | General | Operator Training | Total Coliform Rule Site Assessments | General | Capacity Program Outreach | Capacity Program Legal Assistance | Asset Management Initiatives | Wellhead Protection Program | Planning Loan Program | |
| State Program | Staff | X | X | X | X | X | X | X | X | | |
| | General Drinking Water Admin. | | | | X | | | X | | | |
| | DWSRF Administration | X | | | | | | | | | |
| | Data Management | | | | X | New website | | | | | |
| | Inspections | | | | | | | | | | |
| | Sanitary Surveys | | | X | | | | | | | |
| | Compliance Activities | | | | New regulation development | | | | | | |
| | Enforcement | | | | X | | | | | | |
| Capacity Development | Capacity Development Program | | | | X | X | | Infrastructure | | | |
| | Technical | | | | | | | X | | | |
| | Managerial | | | | | | | X | | | |
| | Financial | X | | | | | | X | | X | |
| General Activities | Public Education/Outreach | | | | CCR assistance | X | | | X | | |
| | Operator Certification | | See Comment 1 | | | | | | | | |
| | Other System Training | | X | | | Board member training | | X | | | |
| | Circuit Riding/Site Visits | | | X | | | | | | | |
| | Rate Studies | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | X | | | | | | |
| | System Partnerships | | | | Partnership organizations | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | | |
| | Small System Assistance | | | X | | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | |
| | Other Technical Assistance | | | X | | | Legal services | See Comment 2 | X | | |
| DWSRF Help | Loan Application Assistance | Vermont Municipal Bond Bank | | | | | | | | X | |
| | Planning/Design/Engineering Services | Facilities engineering project development | | | Construction supervision | | | | X | | |
| Security Issues | ERP Assistance | | | | | | | | | | |
| | VA Assistance | | | | X | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | X | | | | X | | |
| | Wellhead Protection & Mgmt | | | | | | | | X | | |
| | Land Acquisition | | | | | Ownership issues | | | | | |
| Other | | Financial management and credit reviews | | | | | Easements | | Geological mapping | | |

¹ IUP and Workplan describe projected set-aside activities through 2017 using funds from FFY 2015 and previous years' capitalization grants.

DWSRF Set-Aside Spending

Vermont

Comments

- | | |
|---|---|
| 1 | Training efforts support the Vermont Water Operator Certification Program administered by the DWGWPD |
| 2 | The goal of the initiatives are to increase the practice of infrastructure asset management at Vermont's public water systems |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs | | | | | |
|--------------------------|---|--|---------------------------------------|----------------------------------|-----------------------------------|---------------------------------------|--------------------------|-----------------------------------|---|----------------------------|-------------------|----------------------------|--|--|
| State: | Virginia | | | | | | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | | | | | | |
| Workplan: N/A | | Set-Aside Total: \$10.91M (4.00%) | | Set-Aside Total: \$4.08M (2.00%) | | Set-Aside Total: \$18.46M (10.10%) | | Set-Aside Total: \$16.5M (15.10%) | | | | | | |
| Governor's Report: 2014 | | Expended: \$10.48M (96.00%) | | Expended: \$3.77M (92.34%) | | Expended: \$16.88M (91.45%) | | Expended: \$13.01M (78.82%) | | | | | | |
| DWNIMS: 2015 | | Remaining: \$0.44M (4.00%) | | Remaining: \$0.31M (7.66%) | | Remaining: \$1.58M (8.55%) | | Remaining: \$3.49M (21.18%) | | | | | | |
| Activity Categories | | General | | General | | PWSS | | Capacity Development | Wellhead Protection | Source Water Assessment | Operator Programs | | | |
| State Program | Staff | X | | X | | X | | X | Sub-contractors | | | X | | |
| | General Drinking Water Admin. | X | | | | | | | | | | | | |
| | DWSRF Administration | X | | | | | | | | | | | | |
| | Data Management | | | | | X | | X | | GIS assessment maintenance | | | | |
| | Inspections | | | X | | X | | | | | | | | |
| | Sanitary Surveys | Travel to survey trainings | | | | | | X | | | | | | |
| | Compliance Activities | X | | | | X | | X | | | | | | |
| | Enforcement | | | | | X | | | | | | | | |
| Capacity Development | Capacity Development Program | | | | | | | X | | | | | | |
| | Technical | | | | | | | X | | | | | | |
| | Managerial | | | | | | | X | | | | X | | |
| | Financial | | | | | | | X | | | | | | |
| General Activities | Public Education/Outreach | | | | | | | X | | | | X | | |
| | Operator Certification | | | | | | | X | | | | | | |
| | Other System Training | | | X | | Technical and administrative training | | X | | | | "Training to Waterworks" | | |
| | Circuit Riding/Site Visits | | | | | X | | | | | | | | |
| | Rate Studies | | | | | | | | | | | | | |
| | Pilot Studies | | | | | | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | Audits | | | | | |
| | System Partnerships | | | | | | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | | | | | | |
| | Small System Assistance | | | | | | | X | | | | | | |
| | Disadvantaged System Assistance | | | | | | | | | | | Scholarships for operators | | |
| DWSRF Help | Loan Application Assistance | X | | | | | | | | | | | | |
| | Planning/Design/ Engineering Services | X | | | | | | X | | | | | | |
| Security Issues | ERP Assistance | | | | | | | X | | | | | | |
| | VA Assistance | | | | | | | X | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | X | X | X | | | | |
| | Wellhead Protection & Mgmt | | | | | | | X | X | | | | | |
| | Land Acquisition | | | | | | | | | | | | | |
| Other | | Audit of construction loan fund and legal assistance | | Routine travel and lab equipment | | See Comment 1 | | GPS upkeep | | | | | | |

¹ IUP describes projected set-aside activities for FY 2015 using funds from FFY 2015 capitalization grant.

DWSRF Set-Aside Spending

Virginia

Comments

| | |
|---|---|
| 1 | Travel expenses, vehicle maintenance, conferences, office supplies, and GPS systems (other lab/testing equipment) |
|---|---|

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|-----------------------------|---|-----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|-----------------------------------|--------------------------|-----------------------------------|---|
| State: | Washington | | | | | | | | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: 2016 ¹ | | Set-Aside Total: \$15.24M (0.00%) | | Set-Aside Total: \$7.32M (0.00%) | | Set-Aside Total: \$36.62M (0.00%) | | Set-Aside Total: \$44.82M (0.00%) | |
| Governor's Report: 2014 | | Expended: \$14.38M (94.39%) | | Expended: \$6.81M (93.09%) | | Expended: \$32.94M (89.94%) | | Expended: \$39.74M (88.67%) | |
| DWNIMS: 2015 | | Remaining: \$0.85M (5.61%) | | Remaining: \$0.51M (6.91%) | | Remaining: \$3.68M (10.06%) | | Remaining: \$5.08M (11.33%) | |
| Activity Categories | | General | | General | | PWSS | | Capacity Development | Wellhead Protection |
| State Program | Staff | X | | | | X | | X | |
| | General Drinking Water Admin. | X | | | | X | | | |
| | DWSRF Administration | X | | | | | | | |
| | Data Management | | | | | X | | X | X |
| | Inspections | | | | | | | X | |
| | Sanitary Surveys | | | | | | | X | |
| | Compliance Activities | | | | | X | | X | |
| | Enforcement | | | | | | | X | X |
| Capacity Development | Capacity Development Program | | | | | | | X | |
| | Technical | | | | | X | | X | X |
| | Managerial | | | | | | | X | |
| | Financial | | | X | | X | | X | |
| General Activities | Public Education/Outreach | | | | | X | | X | |
| | Operator Certification | | | | | | | X | |
| | Other System Training | | | | | | | X | |
| | Circuit Riding/Site Visits | | | | | | | | |
| | Rate Studies | | | X | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | X | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | X | | X | |
| | Restructuring/Consolidation | | | | | | | X | |
| | Small System Assistance | | | X | | | | X | |
| | Disadvantaged System Assistance | | | | | X | | | |
| | Other Technical Assistance | | | | | X | | Coliform monitoring program | X |
| DWSRF Help | Loan Application Assistance | | | | | | | | |
| | Planning/Design/Engineering Services | | | | | | | X | |
| Security Issues | ERP Assistance | | | | | | | X | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | X | X |
| | Wellhead Protection & Mgmt | | | | | | | X | X |
| | Land Acquisition | | | | | | | | |
| Other | Needs Survey | | | | | | | | |

¹ IUP and Workplan describe projected set-aside activities for SFY 2016 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | 2% | 10% | | | | 15% |
|-----------------------------|---|---------------------------------------|-----------------------------------|----------------------------------|--------------------------------------|-------------------------|---|------------------------------|
| State: | West Virginia | Administrative & Technical Assistance | Small System Technical Assistance | State Program Management | | | Local Assistance & Other State Programs | |
| IUP: 2016 ¹ | | Financial Information: | | Financial Information: | | | Financial Information: | |
| Workplan: 2015 ² | | Set-Aside Total: \$4.9M (4.30%) | | Set-Aside Total: \$3.04M (1.10%) | | | Set-Aside Total: \$13.07M (5.40%) | |
| Governor's Report: 2014 | | Expended: \$4.77M (97.44%) | | Expended: \$2.81M (92.32%) | | | Expended: \$12.38M (94.73%) | |
| DWNIMS: 2015 | | Remaining: \$0.13M (2.56%) | | Remaining: \$0.23M (7.68%) | | | Remaining: \$0.69M (5.27%) | |
| Activity Categories | | General | General | PWSS | Operator Certification | Source Water Protection | Capacity Development | Source Water Protection |
| State Program | Staff | | | | | | X | |
| | General Drinking Water Admin. | | | | | | | |
| | DWSRF Administration | X | X | X | | | X | |
| | Data Management | X | X | SDWIS State | | | X | X |
| | Inspections | X | | | | | | |
| | Sanitary Surveys | | | X | | | X | |
| | Compliance Activities | X | | X | | | X | |
| | Enforcement | | | X | | | X | |
| Capacity Development | Capacity Development Program | | X | | | | X | |
| | Technical | | X | | | | X | |
| | Managerial | | X | | | | X | |
| | Financial | | X | | | | X | |
| General Activities | Public Education/Outreach | | | | | | | Consumer Drug Return Program |
| | Operator Certification | | X | | X | | X | |
| | Other System Training | | X | X | X | | X | |
| | Circuit Riding/Site Visits | | | | | | X | |
| | Rate Studies | | | | | | | |
| | Pilot Studies | | | | | | | |
| | Plant Optimization (AWOP) | | | X | AWOP awards | | X | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | |
| | System Partnerships | | | | | X | | |
| | Restructuring/Consolidation | | | | | | | |
| | Small System Assistance | | X | | | | X | |
| | Disadvantaged System Assistance | | | | | | | |
| | Other Technical Assistance | | | | General TA | | X | |
| DWSRF Help | Loan Application Assistance | | | | | | | |
| | Planning/Design/Engineering Services | | | X | | | | |
| Security Issues | ERP Assistance | | | | | | | |
| | VA Assistance | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | See Comment 2 | | X |
| | Wellhead Protection & Mgmt | | | | | | | X |
| | Land Acquisition | | | | | | | |
| Other | | See Comment 1 | | | Outstanding PWS operators recognized | | | |

¹ IUP describes projected set-aside activities for SFY 2016 using funds from FFY 2015 capitalization grant.

² Workplan describes projected set-aside activities for SFY 2015 using funds from FFY 2015 capitalization grant.

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|--------------------------------------|---|--|---------------------------------------|----------------------------------|-----------------------------------|------------------------------------|---|---------------------------------------|---|
| State: | Wisconsin | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$9.87M (4.00%) | | Set-Aside Total: \$5.17M (0.00%) | | Set-Aside Total: \$14.04M (10.00%) | | Set-Aside Total: \$11.42M (7.80%) | |
| Governor's Report: 2014 | | Expended: \$9.87M (100.00%) | | Expended: \$5.1M (96.82%) | | Expended: \$13.55M (96.51%) | | Expended: \$10.88M (95.28%) | |
| DWNIMS: 2015 | | Remaining: \$0.0M (0.00%) | | Remaining: \$0.16M (3.18%) | | Remaining: \$0.49M (3.49%) | | Remaining: \$0.54M (4.72%) | |
| Activity Categories | | Specific set-aside activities not provided in state reports. | | General | | General | | Capacity Development | Wellhead/Source Water Protection |
| State Program | Staff | | | | | | X | | |
| | General Drinking Water Admin. | | | | | | | | |
| | DWSRF Administration | | | | | | | | |
| | Data Management | | | | | | X | X | X |
| | Inspections | | | | | | X | X | |
| | Sanitary Surveys | | | | | | X | X | |
| | Compliance Activities | | | | | | X | Collect water quality samples at CWSs | |
| | Enforcement | | | | | | X | | |
| Capacity Development | Capacity Development Program | | | | | | X | X | |
| | Technical | | | | | | X | X | |
| | Managerial | | | | | | X | X | |
| | Financial | | | | | | X | X | |
| General Activities | Public Education/Outreach | | | | | | X | | Promote SWP |
| | Operator Certification | | | | | | See Comment 1 | X | |
| | Other System Training | | | | | | X | | |
| | Circuit Riding/Site Visits | | | | | | | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | |
| | System Partnerships | | | | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | | X | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | | | | | O&M | |
| | DWSRF Help | Loan Application Assistance | | | | | | | X |
| Planning/Design/Engineering Services | | | | | | | X | X | |
| Security Issues | ERP Assistance | | | | | | | | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | Pilot project for meeting source water assessment requirements under RTCR | X | See Comment 2 |
| | Wellhead Protection & Mgmt | | | | | | | X | See Comment 3 |
| | Land Acquisition | | | | | | | | |
| Other | | | | | | | Computer replacement and upgrades | | |

¹ IUP describes projected set-aside activities for SFY 2015 using funds from FFY 2014 capitalization grant.

| DWSRF Set-Aside Spending | |
|---------------------------------|--|
| Wisconsin | |
| Comments | |
| 1 | Technical School Education Program: Courses will allow operators to earn continuing education credits while working towards an associate degree in the Water Quality program at technical colleges throughout Wisconsin; additional opportunities for operators to earn continuing education credits |
| 2 | Implementation of an incentivized watershed intervention approach: research and monitoring project evaluating the potential for changing practices of the point and non-point sources of nitrogen to groundwater in order to avoid the need for installation of water treatment equipment |
| 3 | The second year of "Evaluating Chemical Tracers in Suburban Groundwater as Indicators of Nitrate-Nitrogen Sources" by the University of Wisconsin |
| | |

Analysis of the Use of Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems

| DWSRF Set-Aside Spending | | 4% | Administrative & Technical Assistance | 2% | Small System Technical Assistance | 10% | State Program Management | 15% | Local Assistance & Other State Programs |
|--------------------------------------|---|----------------------------------|---------------------------------------|--|-----------------------------------|--|--------------------------|--|---|
| State: | Wyoming | | | | | | | | |
| IUP: 2015 ¹ | | Financial Information: | | Financial Information: | | Financial Information: | | Financial Information: | |
| Workplan: N/A | | Set-Aside Total: \$3.67M (0.00%) | | Set-Aside Total: \$0.49M (0.00%) | | Set-Aside Total: \$0.M (0.00%) | | Set-Aside Total: \$0.94M (0.00%) | |
| Governor's Report: 2014 | | Expended: \$3.52M (95.84%) | | Expended: \$0.41M (83.23%) | | Expended: \$0.M (0.00%) | | Expended: \$0.94M (100.00%) | |
| DWNIMS: 2015 | | Remaining: \$0.15M (4.16%) | | Remaining: \$0.08M (16.77%) | | Remaining: \$0.M (0.00%) | | Remaining: \$0.M (0.00%) | |
| Activity Categories | | General | | General | | Specific set-aside activities not provided in state reports. | | Specific set-aside activities not provided in state reports. | |
| State Program | Staff | X | | Contract with Wyoming Association of Rural Water Systems | | | | | |
| | General Drinking Water Admin. | | | | | | | | |
| | DWSRF Administration | X | | | | | | | |
| | Data Management | | | | | | | | |
| | Inspections | | | | | | | | |
| | Sanitary Surveys | | | | | | | | |
| | Compliance Activities | | | X | | | | | |
| | Enforcement | | | | | | | | |
| Capacity Development | Capacity Development Program | | | X | | | | | |
| | Technical | | | X | | | | | |
| | Managerial | | | X | | | | | |
| | Financial | | | X | | | | | |
| General Activities | Public Education/Outreach | | | | | | | | |
| | Operator Certification | | | X | | | | | |
| | Other System Training | | | X | | | | | |
| | Circuit Riding/Site Visits | | | | | | | | |
| | Rate Studies | | | | | | | | |
| | Pilot Studies | | | | | | | | |
| | Plant Optimization (AWOP) | | | | | | | | |
| | Leak Detection/Water Efficiency/Energy Efficiency | | | | | | | | |
| | System Partnerships | | | X | | | | | |
| | Restructuring/Consolidation | | | | | | | | |
| | Small System Assistance | | | X | | | | | |
| | Disadvantaged System Assistance | | | | | | | | |
| | Other Technical Assistance | | | X | | | | | |
| | DWSRF Help | Loan Application Assistance | | | X | | | | |
| Planning/Design/Engineering Services | | X | | | | | | | |
| Security Issues | ERP Assistance | | | | | | | | |
| | VA Assistance | | | | | | | | |
| SWP Efforts | Source Water Protection & Mgmt | | | | | | | | |
| | Wellhead Protection & Mgmt | | | | | | | | |
| | Land Acquisition | | | | | | | | |
| Other | | | | | | | | | |

¹ IUP describes projected set-aside activities for FY 2015 using funds from FFY 2015 and previous years' capitalization grants.