

## **INTENDED USE PLAN**

# **DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM And SET-ASIDE PROGRAMS FOR STATE FISCAL YEAR 2010 (JULY 1, 2009 to JUNE 30, 2010)**

**Final  
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Missouri Department of Natural Resources  
Water Protection Program  
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**INTENDED USE PLAN  
FISCAL YEAR 2010 DRINKING WATER STATE REVOLVING FUND  
LOAN PROGRAM & SET-ASIDE PROGRAMS  
PROGRAM APPLICATION FORMS & INSTRUCTIONS**

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## I. INTRODUCTION

Providing safe, clean drinking water to people served by public water systems in Missouri is an important goal of federal, state and local officials. While Missouri drinking water is among the safest in the world, the owners and operators of Missouri drinking water systems know that they must make significant infrastructure improvements to comply with new and existing federal standards in order to continue to supply safe drinking water to their customers. In 2007, the Missouri Department of Natural Resources (hereafter referred to as “the department”) in coordination with the U.S. Environmental Protection Agency (EPA) conducted an assessment of Missouri’s public water systems 20 year capital infrastructure needs. The assessment estimates that \$7.1 billion is needed to address Missouri’s drinking water infrastructure needs over the next 20 years.

Many public water systems, particularly small water systems have difficulty obtaining affordable financing for the current infrastructure improvements needed. Recognizing this fact, the U.S. Congress established the Drinking Water State Revolving Fund (DWSRF) as part of the Safe Drinking Water Act Amendments (SDWA) of 1996. Federal appropriations for the DWSRF program are used primarily to fund low interest loans to public drinking water systems for high priority infrastructure projects. States are allowed to reserve up to 31 percent of the federal appropriation to fund authorized activities that support its drinking water program.

The department’s Water Protection Program (WPP) is the delegated authority for the administration of federal funds made available to the state under the provisions of the SDWA by the EPA. Through calendar year 2008 the department has awarded low interest loans totaling approximately \$255.6 million to drinking water systems for infrastructure improvements. This DWSRF Intended Use Plan (IUP) describes the proposed use of funds reserved for low interest loans for state fiscal year (SFY) 2010 (July 1, 2009 to June 30, 2010).

Operation and management of the DWSRF program is directed by regulations 10 CSR 60-13.010 through 10 CSR 60-13.030.

## II. GOALS AND OBJECTIVES

Each year the department evaluates the operations and the financial structures of the DWSRF program to gauge the program’s effectiveness. Long- and short-term objectives are proposed to improve program services and investment returns. An assessment of these objectives is included in the programs Biannual Report. The following sections present the current strategies for program improvement.

### A. Long-Term Goals (3-5 years):

Improve the operation of the DWSRF program and service to its clients.

Objective 1. Support the department’s goal of ensuring that all Missouri citizens will have water that is always safe to drink.

Objective 2. Conduct year by year financial analyses of the availability and use of DWSRF funds. Evaluate the effects of different program structures on the ability of the DWSRF to provide financial assistance now and in the future.

Objective 3. Promote coordination efforts both within and outside the agency for the purpose of expediting the funding of projects.

B. Short-Term Goals (1-3 years):

Improve the immediate operations of the DWSRF and availability of services to its clients.

Objective 1. Have the DWSRF Priority Point Criteria and Readiness to Proceed Criteria updated and approved by the Missouri Safe Drinking Water Commission at least 60 days prior to the initial application receipt deadline (November 16, 2009).

Objective 2. Maximize the use of available loan funds for eligible loan projects in accordance with the priority and procedures described in this plan.

Objective 3. Develop a combined CWSRF and DWSRF annual report for public distribution.

Objective 4. Evaluate and recommend DWSRF-related regulation changes needed to remove unnecessary delays and restrictions, and improve coordination with the United States Department of Agriculture, Rural Development (USDA RD) and the Department of Economic Development (DED) on loan processing.

Objective 5. Revise the structure of the DWSRF loan program to allow for additional flexibility in challenging financial times. Specifically, this effort will allow for the implementation of a hybrid cash flow model loan program.

### III. ALLOCATION OF DRINKING WATER CAPITALIZATION GRANT

This summary of financial status anticipates the award of a federal capitalization grant from the U.S. Environmental Protection Agency (EPA) for Missouri's DWSRF program associated with federal fiscal year (FFY) 2009.

The SDWA amendments of 1996 authorize funding for the Drinking Water State Revolving Fund, and Congress appropriates this funding annually. Each state and U.S. territory is eligible for a portion of this funding. Also, the SDWA authorizes EPA to use a portion of the funding for health effects studies, small system technical assistance, monitoring of unregulated contaminants, and operator certification reimbursement grants. EPA allots the remaining funds appropriated for the DWSRF to each state based on the state's proportional share of total eligible needs reported for the most recent Drinking Water Infrastructure Needs Survey, which is conducted every four years. Currently, Missouri's allotment is 1.94 percent of these funds.

The amount of the FFY 2009 capitalization grant for Missouri is expected to be \$15,816,000. The department will reserve 74 percent (\$11,703,840) of the FFY 2009 capitalization grant for DWSRF loans. The department will reserve up to 26 percent (\$4,112,160) for authorized set-aside activities as described in the set-aside section of the intended use plan. If the department does not reserve the full 26 percent for set-aside activities, the difference will be added to the 74 percent for loans.

#### IV. DWSRF SET-ASIDES

Section 1452 of the Safe Drinking Water Act (SDWA) establishes the Drinking Water State Revolving Fund (DWSRF). Unlike the Clean Water State Revolving Fund, the DWSRF is more than a loan program. The DWSRF also includes funding to support the state primacy program, capacity development, source water protection, operator certification, and technical and financial assistance to public water systems. Congress provided this opportunity in recognition of the role state public drinking water programs play in assisting public water systems to continue to provide safe drinking water to the public. The workload associated with that responsibility is requiring more resources for new activities such as capacity development and for on-going primacy activities such as regulation development and implementation.

The SDWA establishes four distinct categories of DWSRF Set-Asides to fund these activities and allows states to take up to 31% of the capitalization grant for these purposes. Missouri typically holds 21% - 26% aside for these activities. The purpose of this section of the DWSRF IUP is to indicate how the department intends to utilize the Set-Asides that will be available from the FFY 2009 capitalization grant.

##### A. Distribution of Set-Aside Funds

The department intends to reserve 26 percent of the FFY 2009 capitalization grant for Set-Asides and will deposit those funds in a separate account. Table 1 shows the intended distribution of these Set-Asides.

Table 1. Distribution of Set-Aside Funds

Set-Aside Activities	% Cap. Grant	Amount
DWSRF Administration and Technical Assistance	4%	\$632,640.00
Small System Technical Assistance	2%	\$316,320.00
PWSS State Program Management	10%	\$1,581,600.00
Local Assistance and Other State Programs	10%	\$1,581,600.00
Total	26%	\$4,112,160.00

The department reserves the right to bank unused Set-Asides from the anticipated FFY 2009 capitalization grant for future Set-Aside expenditures.

## B. Description of Set-Aside Activities

### 1. DWSRF Administration and Technical Assistance

This Set-Aside provides funding to administer the programs established under section 1452 of the SDWA and to provide technical assistance to public water systems. A state can reserve a maximum of 4% of the capitalization grant for these purposes.

The department is reserving the entire 4% available under this Set-Aside. The department will use this funding for salaries and associated expenses of program personnel to administer the DWSRF loan program, including: assistance to loan applicants and loan recipients, project review and approval, assistance with the needs survey, project prioritization, loan issuance, payment and accounting activities, tracking repayments and project inspections. In addition, the department will use the set-aside for equipment and training staff. The department may also use a portion of this funding to contract for assistance to help loan applicants and potential applicants with rate setting and other similar hurdles related to meeting loan eligibility criteria.

The department currently does not anticipate using this Set-Aside to administer the other programs established under the DWSRF or for technical assistance to public water systems.

### 2. Small Systems Technical Assistance

The purpose of this Set-Aside is for states to provide technical assistance to public water systems that serve 10,000 or fewer people. The department will use this Set-Aside to assist small public water systems in, for example, locating and obtaining funding for infrastructure improvements, complying with existing and near-term SDWA requirements, obtaining engineering reports, and developing and maintaining technical, managerial and financial capacity. The department will provide technical assistance using staff and contract services.

The department is taking the full 2 percent allowed for this Set-Aside. If the department does not use the entire authorized amount, it will bank the balance and use it for technical assistance to small systems in future years.

### 3. Public Water System Supervision (PWSS)

The SDWA establishes this Set-Aside for the following purposes: primacy program support, to administer or provide technical assistance through source water protection programs, to develop and implement a capacity development strategy, and for operator certification. The department has used and intends to continue using this Set-Aside for these authorized activities.

The department uses this Set-Aside to fund staff for primacy-related activities such as inspections and sanitary surveys, technical assistance to improve compliance,

research into emerging contaminants, contract lab support, capacity development strategy development and implementation, and source water protection plan review and approval.

This Set-Aside requires a 1:1 state match that is in addition to the state match required to receive the DWSRF capitalization grant. The department is meeting this additional match requirement through primacy fee funds.

The department intends to take the full 10 percent allowed for this Set-Aside. If the department does not use the entire authorized amount of this set-aside, it will bank the balance and use it for eligible activities in future years.

#### 4. Local Assistance and Other State Programs Authorized by Section 1452(k) of the SDWA

The SDWA allows states to use up to 15 percent of the capitalization grant for activities to:

- Establish and implement wellhead protection programs under the state's approved SDWA subsection 1428 wellhead protection program;
- Provide assistance, including technical and financial assistance, to any public water system as part of a capacity development strategy;
- Provide loans to community water systems and nonprofit noncommunity water systems to acquire land or conservation easements for source water protection; and
- Provide loans to community water systems to implement local, voluntary source water protection measures or for development and implementation of source water quality partnership recommendations.

No more than ten percent of the set-aside can be used for any one of the above activities.

The department has not established a source water protection loan program. None of this capitalization grant will be set aside for source water protection loans. However, the department reserves the right to amend the IUP for such purposes in the future if deemed necessary.

Assistance, including technical and financial assistance, will be provided to public water systems as part of the capacity development strategy and to support wellhead protection activities as defined by Section 1428 of the SDWA. The department is setting aside 10% of the FFY09 capitalization grant for these purposes. Excess funds that are not encumbered in a timely manner, at the sole discretion of the state, may be transferred to the loan program.



Activities the department intends to implement under this Set-Aside may include, for example:

- Technical and financial assistance to public water systems to develop and implement wellhead protection plans;
- Funding for plugging abandoned wells;
- Funding a study that explores options for meeting radionuclide MCLs by identifying water-bearing geologic zones that add radionuclides to the water and identify probable remediation measures;
- Subsurface modeling of geologic units for more refined susceptibility and sensitivity assessments of chemical and microbiological contamination;
- Developing models of well spacing and firm yield during extreme climatic conditions;
- Assembling information from well drilling cuttings and pump tests to determine well casing integrity and the efficacy of grouting methods for protecting groundwater and extending well life; and
- Updating contaminant site inventories to include new public wells and new or emerging contaminants;
- Education and outreach materials;
- Source water protection as part of the capacity development strategy;
- Assistance with development of regional solutions to solve capacity issues;
- Technical and financial assistance to water systems to evaluate unaccounted for water loss; and
- Other activities as appropriate to implement the capacity development strategy or promote wellhead protection.

## V. DWSRF LOAN PROGRAM

### A. Loans

Department staff works with each applicant to develop a schedule that allows the project to be financed at a predetermined closing date.

DWSRF assistance will be in the form of loans with a target interest rate of 30 percent of market rate. In accordance with state regulation 10 CSR 60-13.020, the interest rate shall be based on the Twenty-Five Bond Revenue Index as published in The Bond Buyer. An annual fee of 0.5 percent of the outstanding loan balance will be charged by the department. The loan fee shall be used to administer the DWSRF program and other related activities in accordance with federal regulations. Short-term loans will be for a one to three year period. Long-term loans will be for up to 20 years.

Privately owned systems on the fundable list must secure an allocation under the state's private activity bond cap and obtain necessary approvals from the Missouri Public Service Commission.

The maximum amount for a DWSRF loan from any single IUP shall not exceed 30 percent of the total available and anticipated loan fund or \$10 million, whichever is less, unless the department receives approval from the Missouri Safe Drinking Water Commission (SDWC) to exceed such limits.

Department staff works with each applicant to develop a schedule that allows the project to be financed at a predetermined closing date. To accelerate projects, applicants on the fundable list are eligible for interim direct loans

Construction loan repayments must begin within one year after the first operational contract is "completed", i.e. those facilities are placed into operation. The bond repayment schedules will generally consist of semi-annual interest payments, and annual principal payments. The trustee bank holds the periodic participant repayments in separate recipient accounts (repayment fund) outside the SRF. Interest earnings on these recipient accounts are credited to the debt service account and used when the payment is made to DNR. These revolving funds can then be used again to support new construction projects.

The department reserves the right to refinance, assign, pledge or leverage any loans originated through the DWSRF Loan Program.

#### B. Solicitation of DWSRF Loan Applications for SFY 2010

The application process was open to all eligible systems (all community public water systems and not for profit noncommunity public water systems not owned by the federal government). The Missouri Safe Drinking Water Regulations require the department to have the application package for loans available to the public at least 60 days prior to the deadline for receipt of applications. The application package consists of the application form, Priority Point Criteria and Readiness to Proceed Criteria. The Priority Point Criteria describes the criteria that the department uses to prioritize loan applications. The Readiness to Proceed Criteria describes the minimum criteria that an applicant must meet to be eligible to be placed on the fundable list. Both the Priority Point Criteria and Readiness to Proceed Criteria were advertised for public comments and a public meeting was held on the proposed criteria. On May 27, 2008 the Missouri Safe Drinking Water Commission (SDWC) approved both criteria. On May 27, 2008 the department made the DWSRF application package available to the public with an initial application receipt deadline of November 17, 2008. Applications received by the initial deadline that met "Readiness to Proceed" received priority for funding over those received after the deadline. The department issued a notice informing the public of the availability of DWSRF loan applications. Individual notifications were sent to all city water systems and water districts, as well as engineering firms, in Missouri.

All applications were first reviewed to determine if the proposed projects were eligible and if the applicant met the financial requirements of the DWSRF loan program. Using the Priority Point Criteria and Readiness to Proceed Criteria approved by the SDWC, the

department evaluated each application to assign priority points and determine if the applicant met the Readiness to Proceed criteria.

C. Solicitation of DWSRF Loan Applications for SFY 2011

In SFY 2010 the department will solicit loan applications for DWSRF loan funds available in SFY 2011. The process that will be used for solicitation and review of the applications will follow the same process and procedures described in this plan. Attachment B contains the loan application package for SFY 2011. The package includes the application form and instructions, Priority Point Criteria and Readiness to Proceed Criteria. The initial application receipt deadline for SFY 2011 applications is **December 02, 2009**. Applications received by December 02, 2009, that meet Readiness to Proceed Criteria, will receive priority for funding over those received after that date.

**Carryover projects in the SFY 2010 IUP are not eligible to compete for SFY 2011 funding unless reapplication is made by December 02, 2009.**

D. Assistance to Small Communities

Missouri law requires that at least 35 percent of the of the monies credited to the DWSRF program for loans shall be made available to eligible water systems serving fewer than 10,000 people. (This is greater than the 15 percent minimum federal requirement for water systems serving fewer than 10,000 people.) Of the 35 percent, 20 percent is for systems serving 3,300 or fewer people, and 15 percent is for systems serving from 3,301 to 9,999 people.

To demonstrate this commitment, the fundable list contained in Attachment A (Missouri Fundable Projects for Drinking Water State Revolving Loans for State Fiscal Year 2010) has three parts, the Very Small Community 20 percent Reserve, Small Community 15 percent Reserve and the General 65 percent Reserve. The General 65 percent Reserve is not restricted to systems of a certain population.

E. Priority System

The department prioritized new loan projects received in SFY 2009 using the Priority Point Criteria, approved by the SDWC on May 27, 2008, after a period of public review.

Projects carried over from SFY 2009 IUP retain the points they received under the criteria in effect at the time unless they reapplied for consideration under the criteria on November 17, 2008. The department assigns priority points based on the overall project. The table entitled "Comprehensive List" in Attachment A, lists all the new and carry over DWSRF loan projects from highest to lowest priority.

## F. Readiness to Proceed

In order to assure the best use of available DWSRF loan funds in a reasonably expeditious manner, the department will not commit available funds to a project until an applicant has demonstrated a "Readiness to Proceed" in accordance with the Readiness to Proceed Criteria. Readiness to Proceed is defined as the condition when an applicant has submitted to the department a complete facility plan for approval as outlined on page 37 of this document, and has established an acceptable debt instrument for their proposed project. Those projects that meet Readiness to Proceed will be placed on the fundable list or fundable contingency list as described in Subparagraphs V.G.1. and 2. Projects that do not meet Readiness to Proceed will be placed on a planning list as described in Subparagraph V.G.3.

## G. Ranking of DWSRF Loan Projects

Projects that the department has committed to finance with available state revolving loan funds under this IUP are listed in Attachment A, "Missouri's Comprehensive List and Fundable Projects List for Drinking Water State Revolving Fund Loans for State Fiscal Year 2010." The department, after appropriate public notice and with the approval of the Missouri SDWC, may modify or change the fundable list in order to maximize the use of uncommitted available funds or to bypass projects that do not make satisfactory progress toward meeting requirements for assistance. Only those applicants on the fundable list may receive loans under this plan (except in the case of a bypass or amendment as described elsewhere in the plan). The criteria for each list are defined as follows.

### 1. Fundable List

Carry-over projects from last year's intended use plan and new projects received this year that meet the criteria for Readiness to Proceed will be placed on the appropriate fundable list in order of priority ranking. Projects that were on the fundable list on the SFY 2009 IUP will remain on the fundable list regardless of their priority ranking as carry-over projects. The department will reserve the requested funding for these projects for the remainder of the project application period (unless bypassed for failure to proceed).

### 2. Fundable Contingency List

These are eligible projects that meet Readiness to Proceed, but, due to priority ranking or timing, there is no funding available for the projects. Projects will be ranked on the list in accordance with their priority points. If uncommitted funds become available, the department, with SDWC approval, will move the highest-ranking project from this list to the fundable list.

### 3. Planning List

Eligible DWSRF applications that do not meet Readiness to Proceed will be placed on the planning list and be ranked according to their priority points. Any application on this

list that meets the Readiness to Proceed at least five working days prior to the next SDWC meeting, with the approval of the SDWC, will be moved to the fundable or fundable contingency list depending on availability of uncommitted funds and their priority points.

#### H. Modifications

After the SDWC adopts this intended use plan, the SDWC may modify the lists or redistribute the available DWSRF funds in accordance with the paragraphs below. The SDWC may only take this action after providing notice to those projects directly affected.

The SDWC may use an uncommitted balance to modify the funding of a project or to fund a project on the contingency list based on project priority and Readiness to Proceed. It may also designate phased projects, which will receive 100 priority points in the next plan in addition to the regular priority. Phased projects that do not receive complete funding in the two-year eligibility period must submit a new application for the remainder of the project and re-compete. The department will review substitutions or changes in scope as a new application.

The SDWC may bypass projects on the fundable list that do not make satisfactory progress toward meeting requirements for assistance. Rules governing bypass procedures appear in 10 CSR 60-13.020(3)(A).

##### 1. Inadequate Allocations

If the actual federal DWSRF allocations are less than the allocations anticipated by the SDWC in the development of the DWSRF priority lists, or if previous allocations are reduced, the commission may find it necessary to reduce their commitments to projects on the priority lists. The SDWC may take formal action to reduce the number of commitments in accordance with subparagraphs a through c of this paragraph.

- a. The SDWC may reduce the funds allocated to each purpose as described in Section III.
- b. The SDWC may remove the lowest priority projects from the fundable priority lists, placing these projects on the fundable contingency list in a position dictated by their priority relative to other projects on the contingency fundable list.
- c. The SDWC may bypass projects on the fundable lists in accordance with paragraph V.I. of this document.

##### 2. Unanticipated and Uncommitted Funds

If unanticipated or uncommitted funds become available, the SDWC may take formal action to distribute them in accordance with subparagraphs a and b of this paragraph.

- a. The SDWC may use the unanticipated or uncommitted funds to move the highest priority project(s) from the contingency fundable list to the fundable list.
  - b. The SDWC may use the unanticipated or uncommitted funds to increase the amount of funds allocated to the various purposes as shown on Table 1 of the IUP for DWSRF Set-aside programs.
3. The SDWC may increase the amount of funds allocated to projects on the fundable lists or to provide increased assistance to projects which have already received assistance.

#### I. Bypass Procedures

The department may bypass any project on the fundable list that does not make satisfactory progress toward meeting DWSRF loan requirements. Procedures for bypassing projects are contained in 10 CSR 60-13.020(3)(A). Carryover projects may be automatically bypassed if they do not have all documents submitted and approved on or before February 1, 2010. Recovered funds will be immediately available for contingency projects in accordance with paragraph V.G.

#### J. Assistance for Disaster Relief

The department may provide financial assistance to projects that address direct or indirect damage to a drinking water system in a declared disaster area. Funding is available under the DWSRF loan and Drinking Water State Direct Loan Program for disaster related projects. Assistance may include reducing the interest liability of the recipient. The department may also provide these projects with advanced authority to construct in accordance with 10 CSR 60-13.030(4). These projects may be given preferential priority ranking when determining the use of uncommitted DWSRF loan funds and Drinking Water State Direct Loan funds.

#### K. Estimation of Available DWSRF Loan Funds

The department expects to have approximately \$51 million available in resources for financing loans during SFY 2010. The estimate includes carry-over funds from previous years, repayments, interest earnings on investments of DWSRF resources and 74 percent of the estimated federal capitalization grant for FFY 2009. Table 2 shows the total amount of the Project Loan Funds available for loans in this IUP as of June 30, 2009.

Table 2.

<b>STATE FISCAL 2010 INTENDED USE PLAN SOURCE AND DISTRIBUTION OF FUNDS As of June 30, 2009</b>			
<b>Description</b>	<b>Current</b>	<b>Anticipated</b>	<b>Balance</b>
Capitalization Grant Funds			
FFY2006	\$ 2,564,905		
FFY2007	\$ 12,622,620		
FFY2008	\$ 11,703,840		
FFY2009		\$ 11,703,840	
<b>Total Capitalization Grant Funds</b>	<b>\$ 26,891,365</b>	<b>\$ 11,703,840</b>	<b>\$ 38,595,205</b>
Repayment Funds	\$ 11,260,214	\$ 6,387,121	\$ 17,647,335
Reserve Receivable		\$ 5,211,756	\$ 5,211,756
Direct Loans, P&I Repayment		\$ 280,408	\$ 280,408
<b>Total Funds Available</b>	<b>\$ 38,151,579</b>	<b>\$ 18,090,960</b>	<b>\$ 56,242,540</b>
Loan Commitments	(\$ 2,761,715)		(\$ 2,761,715)
Transfer to ARRA Program	(\$ 2,665,475)		(\$ 2,665,475)
Independent Audit		(\$ 100,000)	(\$ 100,000)
<b>Total Estimated Funds</b>			<b>\$ 50,715,350</b>

## VI. DESCRIPTION OF THE LOAN PROGRAMS

### **Construction Loan**

The borrower receives a net long-term interest rate of seventy (70%) below the rate the borrower would receive on the open market at the time of the loan closing. Construction loan repayments must begin within one year after the first operational contract is “completed”, i.e. those facilities are placed into operation. The repayment schedules will generally consist of semi-annual interest payments, and annual principal payments. The trustee bank holds the periodic participant repayments in separate recipient accounts (repayment fund) outside the SRF.

### **Loan Fee**

The Department of Natural Resources will charge a loan fee that is calculated as .714 percent for both CWSRF and DWSRF per annum on the balance in the Reserve Fund. For direct loans, the fee is calculated as 0.5 percent on the outstanding loan balance. The recipient will pay the loan fees to the Department.

### **Cross-Collateralization of Funds**

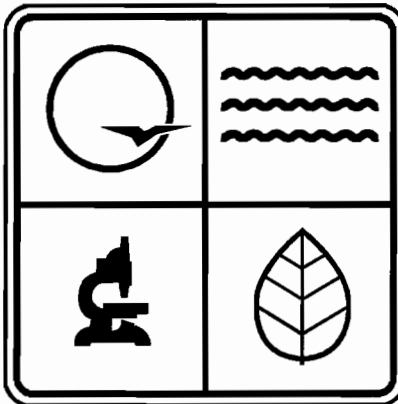
The Departments of Veteran Affairs and Housing and Urban Development, and the Independent Agencies Appropriations Act, 1998 (Public Law 105-65) authorized limited cross-collateralization between the Drinking Water State Revolving Fund (DWSRF) and the CWSRF. Cross-collateralization allows states to use CWSRF funds as security for bonds issued to finance DWSRF projects and vice versa. The cross-collateralization of the two funds may enhance the lending capacity of one or both SRFs. State statute 644.122 RSMO provides the state’s legal authority to implement cross-collateralization.

Since only uncommitted repayment funds will be used to remedy defaults (if any) there will be no significant impacts to the short or long-term goals of the program.



**Missouri's Comprehensive List and Fundable Project Lists for  
Drinking Water State Revolving Fund Loans  
for  
State Fiscal Year 2010**

**Final  
January 14, 2010**



**Prepared by the Missouri Department of Natural Resources,  
Water Protection Program**

**COMPREHENSIVE LIST**

	Priority Points	Applicant	SRF #	Population Served	Loan Request
*	176	Atchison Co. Wholesale Water Comm. (ACWWC)	DW291224-01	5,900	\$ 18,605,000
*	115	Hayti	DW291185-02	3,207	\$ 1,530,000
	110	Bucklin	DW291288-01	524	\$ 684,500
	107	Clarence Cannon Wholesale Water Comm. (CCWWC)	DW291070-04	42,000	\$ 4,610,000
	105	Chariton-Linn PWSO #3	DW291250-01	9,500	\$ 102,100
	104	Bronaugh	DW291248-01	245	\$ 613,616
	102	Meadville	DW291243-01	457	\$ 1,108,000
	100	Archie	DW291142-02	890	\$ 2,082,351
X	96	Sikeston	DW291188-01	16,992	\$ 15,000,000
*	95	Osage County PWSO #3	DW291216-01	1,350	\$ 1,072,000
	90	Linn Creek	DW291223-01	280	\$ 1,038,000
	87	Raintree Plantation	DW291291-01	2,240	\$ 75,508
	85	Howard Co. Regional Water Commission	DW291307-01	5,500	\$ 10,478,600
	85	Gallatin	DW291240-01	3,100	\$ 3,750,000
	83	Lincoln Co. PWSO #1	DW291244-01	4,370	\$ 6,658,000
*	82	Cape Girardeau	DW291010-02	36,472	\$ 7,253,000
	80	McDonald County PWSO #3	DW291252-01	650	\$ 323,245
*	75	Milan	DW291206-01	1,958	\$ 321,000
	75	Rogersville	DW291276-01	3,047	\$ 1,276,891
	75	West Plains	DW291286-01	10,866	\$ 3,885,160
	73	New Madrid	DW291211-01	4,000	\$ 7,156,000
X	70	Clarksburg	DW291234-01	390	\$ 680,000
	67	Chillicothe - High Service Pump	DW291251-01	13,141	\$ 80,000
	66	Jackson	DW291192-02	13,514	\$ 14,826,000
*	65	Granby	DW291225-01	2,121	\$ 4,354,000
*	65	Greene County PWSO #6	DW291217-01	485	\$ 950,000
	64	Linn	DW291162-02	1,430	\$ 2,000,000
	63	Poplar Bluff	DW291204-02	16,651	\$ 2,221,000
	60	Creighton	DW291257-01	300	\$ 1,396,000
	59	Walnut Grove	DW291285-01	630	\$ 271,714
	59	Platte County PWSO #8	DW291273-01	1,101	\$ 886,881
*	58	Franklin County PWSO #1	DW291084-01	3,200	\$ 1,507,000
	58	Kansas City – Renovation of Filter Galleries A&B	DW291264-14	650,000	\$ 15,750,000
	55	Craig	DW291242-01	292	\$ 1,317,215
	55	Cameron	DW291193-02	18,000	\$ 10,550,000
	55	Ralls County PWSO #1	DW291275-01	6,500	\$ 1,351,560
	55	Hawk Point	DW291299-01	324	\$ 1,481,011
	54	Clark Co. #1	DW291301-01	6,800	\$ 1,308,924
	54	Barnett	DW291294-01	281	\$ 388,123
	53	Jefferson County Consolidated PWSO #1	DW291256-01	31,795	\$ 5,242,000
	52	Andrew County PWSO #3	DW291246-01	1,031	\$ 707,008
*	51	Auxvasse	DW291222-01	901	\$ 250,000
	50	Fairfax	DW291295-01	645	\$ 876,993
	50	Chilhowee	DW291233-01	329	\$ 750,000
	49	Hillsboro	DW291261-01	1,675	\$ 4,975,000
	49	Boone County #9 – Tank	DW291247-02	11,100	\$ 106,576
	48	Tri State Utilities	DW291298-01	8,600	\$ 2,915,260
	47	Columbia - New Alluvial Well #16	DW291014-15	101,413	\$ 315,000
	45	Martinsburg	DW291241-01	326	\$ 665,000

	45	Peculiar	DW291272-01	4,700	\$ 2,717,000
	44	St. Charles County PWSD #2	DW291279-01	90,000	\$ 1,052,248
	44	Whitewater/Allenville	DW291287-01	217	\$ 272,000
	43	Kansas City - Blue Ridge Improvements	DW291264-04	650,000	\$ 2,610,000
	43	Henry County PWSD #3	DW291260-01	6,880	\$ 831,375
	42	Columbia – Hiller Rd 16” Loop	DW291014-05	101,413	\$ 3,265,000
	41	Webb City	DW291269-01	9,812	\$ 486,481
	40	Ash Grove	DW291237-01	1,500	\$ 2,000,000
	39	Boone County PWSD #9 – Booster Pump Station	DW291247-01	11,100	\$ 50,375
	39	Boone County PWSD #9 – Well	DW291247-03	11,100	\$ 50,187
	38	Kansas City - Water Main Break Repair	DW291264-18	650,000	\$ 1,241,150
	38	Kansas City - 24-Inch Transmission Main	DW291264-01	650,000	\$ 654,050
	38	Kansas City – Arrowhead TM – Phase 2	DW291264-03	650,000	\$ 16,065,940
	38	Kansas City – Troost Ave. Water Main Relocation	DW291264-16	650,000	\$ 1,153,600
	38	Kansas City – Railroad Bridge Replacement	DW291264-13	650,000	\$ 1,225,700
	38	Kansas City – Maplewood Parkway	DW291264-11	650,000	\$ 2,531,108
	38	Kansas City – Botts Road/ NNSA Federal Complex	DW291264-06	650,000	\$ 13,081,000
	38	Kansas City – I-435 & Front St. TM Relocation	DW291264-10	650,000	\$ 249,260
	38	Kansas City – Water Main Replacements	DW291264-19	650,000	\$ 10,886,624
	38	Kansas City – Waukomis Pump Station	DW291264-20	650,000	\$ 2,595,600
	38	Kansas City – 72-inch Supply Pipeline Phase 1	DW291264-02	650,000	\$ 8,214,250
	38	Kansas City – Water Facility Intake Valve/Electrical	DW291264-17	650,000	\$ 6,410,000
	37	Columbia – Hilldale	DW291014-06	101,413	\$ 1,240,000
	37	Columbia – 24” Main South Section	DW291014-02	101,413	\$ 6,700,000
	37	Columbia – 24” Main North Section	DW291014-03	101,413	\$ 4,495,000
	37	Columbia – Route PP 12” Main	DW291014-04	101,413	\$ 2,340,000
	37	Kansas City – New North Pump & Piping	DW291264-12	650,000	\$ 2,278,300
	36	Audrain County #2	DW291304-01	2,500	\$ 513,146
	35	Shelbyville	DW291297-01	664	\$ 337,526
	35	Shelbina	DW291305-01	1,943	\$ 1,040,901
	35	Stockton	DW291282-01	1,960	\$ 1,882,018
	34	Warsaw	DW291293-01	2,075	\$ 2,831,470
	34	Jackson County PWSD #2	DW291262-01	15,000	\$ 3,649,000
	33	Desloge	DW291258-01	6,105	\$ 6,043,372
	33	Monett	DW291303-01	8,835	\$ 2,934,985
	32	St. Louis – Chain of Rocks WTP	DW291280-03	341,381	\$ 599,460
	32	Columbia – Old Mill Creek RD Looping	DW291014-07	101,413	\$ 450,000
	31	Cassville	DW291300-01	2,890	\$ 26,850
*	30	Crestwood West Water District PWSD #2	DW291228-01	182	\$ 400,000
	30	Concordia	DW291255-01	2,360	\$ 1,747,500
	28	Kansas City - Small Mains	DW291264-15	650,000	\$ 9,549,130
	28	Jackson County PWSD #1	DW291289-01	25,000	\$ 1,502,821
	28	Thomas Hill PWSD #1	DW291284-01	3,750	\$ 2,050,746
	28	Kansas City – Elevated Tank Painting/Repair	DW291264-08	650,000	\$ 2,090,000
	28	Chillicothe – Well	DW291251-03	13,141	\$ 124,000
	28	Sparta	DW291277-01	1,600	\$ 997,780
	28	Pleasant Hill	DW291274-01	7,500	\$ 250,922
	27	St. Louis – Central City Phase 1	DW291280-01	341,381	\$ 548,300
	27	St. Louis – Hampton Avenue	DW291280-05	341,381	\$ 2,168,150
	27	St. Louis – North City Phase 1	DW291280-09	341,381	\$ 1,024,000
	27	St. Louis – South City Phase 1	DW291280-10	341,381	\$ 669,200
	27	Jefferson County PWSD #1	DW291263-01	20,000	\$ 180,250

	27	Kansas City – Blue Ridge PS Security/Electrical Impr.	DW291264-05	650,000	\$ 779,710
	27	Kansas City – Emergency Electric Power Generation	DW291264-09	650,000	\$ 2,941,670
	27	St. Louis – Stacy Park Reservoir	DW291280-11	341,381	\$ 1,271,100
	27	Chillicothe – Metering	DW291251-02	13,141	\$ 987,500
	25	Village of Diggins	DW291253-01	298	\$ 42,200
	25	South Greenfield	DW291292-01	160	\$ 75,400
	25	Paris (Refinance)	DW291159-02	1,529	\$ 900,000
	24	Nixa – Elevated tank Rehabilitation	DW291271-02	18,000	\$ 1,900,680
	22	Columbia – Loop Closures Intersections	DW291014-10	101,413	\$ 592,000
	22	Platte City	DW291221-02	4,907	\$ 956,000
	22	Cass County PWS #10	DW291249-01	2,070	\$ 349,582
	21	Cass County PWS #4	DW291307-01	1,500	\$ 158,188
	19	Leadwood	DW291296-01	1,247	\$ 904,700
	19	Nixa - Distribution	DW291271-01	18,000	\$ 428,896
	19	Lexington	DW291057-01	4,435	\$ 12,921,000
	17	Columbia – Broadway 8” Main	DW291014-09	101,413	\$ 730,000
	17	Columbia – Bus I-70 12” Loop	DW291014-08	101,413	\$ 1,855,500
	17	Columbia – Main Replacement	DW291014-12	101,413	\$ 1,532,500
	17	Columbia – Main Replacement Schools	DW291014-13	101,413	\$ 1,307,800
	17	Kansas City - East Bottoms Pump Station	DW291264-07	650,000	\$ 1,194,800
	17	St. Louis – Howard Bend Engine House Improvements	DW291280-08	341,381	\$ 416,600
	17	St. Louis – Howard Bend Boiler House Improvements	DW291280-07	341,381	\$ 160,800
	17	St. Louis – Chain of Rocks Water Filter Plant	DW291280-02	341,381	\$ 393,100
	17	St. Louis – Downtown Broadway and Arenal	DW291280-04	341,381	\$ 2,507,000
	17	St. Louis – Historic Water Tower Repairs	DW291280-06	341,381	\$ 617,500
	17	Columbia – Backup Power Generator	DW291014-14	101,413	\$ 500,000
	16	Kirkwood	DW291266-01	27,324	\$ 2,058,455
	14	Missouri American St. Louis	DW291270-01	1,200,000	\$ 5,760,000
	14	Springfield – Distribution Phase I	DW291278-02	154,777	\$ 820,000
	14	Springfield – Distribution Phase 2	DW291278-03	154,777	\$ 8,696,000
	14	Springfield – WTP Phase 2	DW291278-01	154,777	\$ 1,218,865
	13	Gladstone	DW291259-01	26,384	\$ 15,000,000
	12	Columbia – Loop Closures Residential Neighborhoods	DW291014-11	101,413	\$ 458,900
	11	Buckner	DW291238-01	2,784	\$ 4,743,000
	7	Columbia – Treatment Plant Transformer/Switchgear	DW291014-16	101,413	\$ 160,000
	5	Liberty – Raw Water Well/Lime Storage Silo	DW291268-01	28,303	\$ 1,435,000
	4	Springfield – Stockton PS Modifications Phase 1	DW291278-04	154,777	\$ 1,745,000
	4	Springfield – Stockton PS Modifications Phase 2	DW291278-05	154,777	\$ 11,255,000
	4	Lee’s Summit	DW291267-01	92,000	\$ 1,751,000
				Total	\$398,076,457

\*Carried over from last IUP

X Fundable in the last IUP

**DISTRIBUTION OF AVAILABLE LOAN FUNDS**

From table 2 of Section V.I, the total estimated funds available for DWSRF loans for SFY 2010 is \$50,815,349. Missouri law requires that twenty (20) percent and fifteen (15) percent of available funds shall be made available to water systems serving populations of 3,300 or less (designated as very small communities) and water systems serving populations of 3,301 to 9,999 (designated as small communities respectively). The remaining sixty five (65) percent (designated for general community) is not restricted by population served.

Table 3 Distribution of Available Funds

Very small community (20%)	\$ 10,143,070
Small Community (15%)	\$ 7,607,303
General Community (65%)	\$ 32,964,977
<b>Total Available Funds</b>	<b>\$ 50,715,350</b>

**VERY SMALL COMMUNITY 20% RESERVE FUNDABLE LIST**  
 (Systems that serve a population of 3,300 or less)

**FUNDS AVAILABLE**

Available from 20% Reserve ..... \$10,143,070  
 Transfer from 15% Reserve ..... \$ 0  
 Transfer from 65% Reserve ..... \$ 1,113,811

**TOTAL AVAILABLE FROM RESERVES \$ 11,256,881**

		Applicant	DWSRF#	Population	Description	Problem Code	Needs Category	Loan Request	Balance
	102	Meadville	DW291243-01	457	Dis, Source, TP	3	I, II, IV	\$ 1,108,000	\$ 11,256,881
	70	Clarksburg	DW291234-01	390	Stor, Dis	3	III, IV	\$ 680,000	\$ 10,148,881
*	X	Greene Co. PWSD #6	DW291217-01	485	Well, Stor, Dis	3	I, III, IV	\$ 950,000	\$ 9,468,881
	59	Platte Co. PWSD #8	DW291273-01	1,101	Dis, Stor, Source	3	I, III, IV	\$ 886,881	\$ 8,518,881
*	X	Franklin Co. PWSD #1	DW291084-01	3,200	Dis, Stor	2	III, IV	\$ 1,507,000	\$ 7,632,000
	50	Chilhowee	DW291233-01	329	Dis, Stor	3	III, IV	\$ 750,000	\$ 6,125,000
	49	Hillsboro	DW291261-01	1,675	Dis, Stor, Source	3	I, III, IV	\$ 4,975,000	\$ 5,375,000
	X	30 Crestwood West PWSD #2	DW291228-01	182	Dis	3	IV	\$ 400,000	\$ 400,000
							Total	\$ 11,256,881	

\*Carried over from the last IUP  
 X Fundable in the last IUP

**SMALL COMMUNITY 15% RESERVE FUNDABLE LIST**  
(Systems that serve a population of 3,301 to 9,999)

**FUNDS AVAILABLE**

Available from 15% Reserve.....\$ 7,607,303  
 Transfer to 20% Reserve.....\$ 0  
 Transfer to 65% Reserve.....\$ 1,077,450

**TOTAL AVAILABLE FROM RESERVES \$ 6,529,853**

Priority Points	Applicant	DWSRF#	Population	Description	Problem Code	Needs Category	Loan Request	Balance
41	Webb City	DW291269-01	9,812	Dis	3	IV	\$ 486,481	\$ 6,529,853
33	Desloge	DW291258-01	5,105	Dis, Stor	3	III, IV	\$ 6,043,372	\$ 6,043,372
							\$ 6,529,853	\$ 0

**GENERAL COMMUNITY 65% RESERVE FUNDABLE LIST**

**FUNDS AVAILABLE**

Available from 65% Reserve.....\$ 32,964,977  
 Transfer to 20% Reserve.....\$ 1,113,811  
 Transfer from 15% Reserve.....\$ 1,077,450

**TOTAL AVAILABLE FROM RESERVES \$ 32,928,616**

Priority Points	Applicant	DWSRF#	Population	Description	Problem Code	Needs Category	Loan Request	Balance
107	CCWWC	DW291070-04	42,000	Dis	3	IV	\$ 4,610,000	\$ 32,928,616
105	Chariton-Linn Co. PWSD #3	DW291250-01	9,500	Stor, Dis	3	III, IV	\$ 102,100	\$ 28,318,616
75	Rogersville	DW291276-01	3,047	Well, Stor, Dis	3	I, III, IV	\$ 1,276,891	\$ 28,216,516
X 63	Poplar Bluff	DW291204-02	16,651	Dis, Stor, Well, TP	3	II, III, IV, V	\$ 2,221,000	\$ 26,939,625
47	Columbia - Well #16	DW291014-15	101,413	Source	3	I	\$ 315,000	\$ 24,718,625
37	Columbia - Hilldale	DW291014-06	101,413	Dis, Stor	3	III, IV	\$ 1,240,000	\$ 24,403,625
32	Columbia - Old Mill Creek RD	DW291014-07	101,413	Dis	3	IV	\$ 450,000	\$ 23,163,625
17	Columbia - Backup Generator	DW291014-14	101,413	Source	3	I	\$ 500,000	\$ 22,713,625
7	Columbia - WTP Switchgear	DW291014-16	101,413	Treatment	3	II	\$ 160,000	\$ 22,213,625
						Total	\$ 10,874,991	\$ 22,053,625

\*Carried over from the last IUP  
 X Fundable in the last IUP

**Planning List**

	Priority Points	Applicant	DWSRF #	Population	Description	Problem Code	Needs Category	Loan Request
*	176	Atchison Co. WWC	DW291224-01	5,900	TP, Stor, Dis	3	II, III, IV	\$ 18,605,000
*	115	Hayti	DW291185-02	3,207	TP, Dis	3	II, IV	\$ 1,530,000
	110	Bucklin	DW291288-01	524	Dis/Refinance	3	IV	\$ 684,500
	105	Bronaugh	DW291248-01	245	Dis, Stor, Source	3	I, III, IV	\$ 613,616
	100	Achie	DW291142-02	890	TP	3	II	\$ 2,082,351
	96	Sikeston	DW291188-01	16,992	TP, Stor, Dis, Inter	3	II, III, IV	\$ 15,000,000
*	95	Osage Co. PWSO #3	DW291216-01	1,350	Well, Stor	3	I, III	\$ 1,072,000
*	90	Linn Creek	DW291223-01	280	Well, Stor, Dis	3	I, III, IV	\$ 1,038,000
	87	Raintree Plantation	DW291291-01	2,240	Source, Stor	3	I, III	\$ 75,508
	85	Howard Co. Regional Water Commission	DW291306-01	5,500	Source, TP, Stor, Dis	3	I, II, III, IV	\$ 10,478,600
	85	Gallatin	DW291240-01	3,100	TP	3	II	\$ 3,750,000
	83	Lincoln Co. PWSO #1	DW291244-01	4,370	Well, Stor, Dis	3	I, III, IV	\$ 6,658,000
*	82	Cape Girardeau	DW291010-01	36,472	Well, Stor, Dis	1, 3	I, III, IV	\$ 7,253,000
	80	McDonald Co. PWSO #3	DW291252-01	650	Source, Dis	3	I, IV	\$ 323,245
*	75	Milan	DW291206-01	1,954	Dis	3	IV	\$ 321,000
	75	West Plains	DW291286-01	10,866	Source, Dis Stor	3	I, III, IV	\$ 3,885,160
	73	New Madrid	DW291211-01	4,000	TP, Stor, Dis	3	II, III, IV	\$ 7,156,000
	67	Chillicothe - High Service Pump	DW291251-01	13,141	Dis	3	IV	\$ 80,000
	66	Jackson	DW291192-02	13,514	Well, TP, Stor, Dis	3	I, II, III, IV	\$ 14,826,000
*	65	Granby	DW291225-01	2,121	Stor, Dis	3	III, IV	\$ 4,354,000
	64	Linn	DW291162-04	1,430	Well, Stor, Dis	3	I, III, IV	\$ 2,000,000
	60	Creighton	DW291257-01	300	Dis, Stor	3	III, IV	\$ 1,396,000
	59	Walnut Grove	DW291285-01	630	Source, Dis	3	I, IV	\$ 271,714
	58	Kansas City - Filters A&B	DW291264-14	650,000	TP	3	II	\$ 15,750,000
	55	Craig	DW291242-01	292	Well, TP	3	I, II	\$ 1,317,215
	55	Cameron	DW291193-02	18,000	Stor, Dis	3	III, IV	\$ 10,550,000
	55	Ralls Co. PWSO #1	DW291275-01	6,500	Dis	3	IV	\$ 1,351,560
	55	Hawk Point	DW291299-01	324	Source, Dis, Stor	3	I, III, IV	\$ 1,481,011
	54	Clark Co. PWSO #1	DW291301-01	6,800	Well, Stor, Dis	3	I, III, IV	\$ 1,308,924
	54	Barnett	DW291294-01	281	Source, Dis	3	I, IV	\$ 388,123
	53	Consolidated Jefferson Co. PWSO #1	DW291256-01	31,795	Dis, Stor	3	III, IV	\$ 5,242,000
	52	Andrew Co. PWSO #3	DW291246-01	1,031	Dis	3	IV	\$ 707,008
*	51	Auxvasse	DW291222-01	901	Well	3	I	\$ 250,000
	50	Harry S Truman	DW291239-01	6,000	Dis	3	IV	\$ 2,344,000
	50	Fairfax	DW291295-01	645	Dis	3	IV	\$ 876,993
	49	Boone Co. PWSO #9 - Tank	DW291247-02	11,100	Stor	3	III	\$ 106,576
	48	Tri State Utilities	DW291298-01	8,600	Source, Dis, Stor	3	I, III, IV	\$ 2,915,260



45	Martinsburg	DW291241-01	326	Well, Dis	3	IV	\$ 665,000
45	Peculiar	DW291272-01	4,700	Dis	3	IV	\$ 2,717,000
44	St. Charles Co. PWS #2	DW291279-01	90,000	Dis	3	IV	\$ 1,052,248
44	Whitewater/Allenville	DW291287-01	217	Stor	3	III	\$ 272,000
43	Kansas City – Blue Ridge Impr.	DW291264-04	650,000	Dis	3	IV	\$ 2,610,000
43	Henry Co. #3	DW291260-01	6,880	Source, Dis, Stor	3	I, III, IV	\$ 831,375
42	Columbia – Hiller Road Loop	DW291014-05	101,413	Dis	3	IV	\$ 3,265,000
40	Ash Grove	DW291237-01	1,500	Dis	3	IV	\$ 2,000,000
39	Boone Co. PWS #9 – Well	DW291247-03	11,100	Source	3	I	\$ 50,187
39	Boone Co. PWS #9 – Booster PS	DW291247-01	11,100	Dis	3	IV	\$ 50,375
38	Kansas City – Water Main Repair	DW291264-18	650,000	Dis	3	IV	\$ 1,241,150
38	Kansas City – Brush Creek	DW291264-16	650,000	Dis	3	IV	\$ 1,153,600
38	Kansas City – Arrowhead Phase 2	DW291264-03	650,000	Dis	3	IV	\$ 16,065,940
38	Kansas City – Troost Ave Main	DW291264-01	650,000	Dis	3	IV	\$ 654,050
38	Kansas City – Railroad Bridge	DW291264-13	650,000	TP	3	II	\$ 1,225,700
38	Kansas City – Maplewoods	DW291264-11	650,000	Dis	3	IV	\$ 2,531,108
38	Kansas City – Botts RD/Federal Complex	DW291264-06	650,000	Dis	3	IV	\$ 13,081,000
38	Kansas City – 1-435 & Front St.	DW291264-10	650,000	Dis	3	IV	\$ 249,260
38	Kansas City – Main Replacements	DW291264-19	650,000	Dis	3	IV	\$ 10,886,624
38	Kansas City – Waukomis PS	DW291264-20	650,000	Dis	3	IV	\$ 2,595,600
38	Kansas City – 72 Inch Main Phase 1	DW291264-02	650,000	Dis	3	IV	\$ 8,214,250
38	Kansas City – Water Intake Valve	DW291264-17	650,000	Source	3	I	\$ 6,410,000
37	Columbia – 24” Main South Section	DW291014-02	101,413	Dis	3	IV	\$ 6,700,000
37	Columbia – 24” Main North Section	DW291014-03	101,413	Dis	3	IV	\$ 4,495,000
37	Columbia – Route PP 12” Main	DW291014-04	101,413	Dis	3	IV	\$ 2,340,000
37	Kansas City – New North PS	DW291264-12	650,000	Dis	3	IV	\$ 2,278,300
36	Audrain Co. PWS #2	DW291304-01	2,500	Dis	3	IV	\$ 513,146
35	Stockton	DW291282-01	1,960	Source, Dis, Stor	3	I, III, IV	\$ 1,882,018
35	Shelbyville	DW291297-01	664	Dis	3	IV	\$ 337,526
35	Shelbina	DW291305-01	1,943	Dis	3	IV	\$ 1,040,901
34	Jackson Co. PWS #2	DW291262-01	15,000	Dis	3	IV	\$ 3,649,000
34	Warsaw	DW291293-01	2,075	Source, Dis	3	I, IV	\$ 2,831,470
33	Monett	DW291303-01	2,934,385	Dis	3	IV	\$ 2,934,985
32	St. Louis – Chain Of Rocks WTP	DW291280-03	341,381	TP	3	II	\$ 599,460
31	Cassville	DW291300-01	2,890	Dis, Stor	3	III, IV	\$ 26,850
30	Concordia	DW291255-01	2,360	Dis	3	IV	\$ 1,747,500
28	Thomas Hill PWS #1	DW291284-01	9,600	Stor, Dis	3	III, IV	\$ 2,050,746
28	Pleasant Hill	DW291274-01	7,500	Dis	3	IV	\$ 250,922
28	Kansas City – Small Main	DW291264-15	650,000	Dis	3	IV	\$ 9,549,130
28	Kansas City – Tank Rehabilitation	DW291264-08	650,000	Stor	3	III	\$ 2,090,000
28	Chillicothe – Well	DW291251-03	13,141	Source	3	I	\$ 124,000
28	Jackson Co. PWS #1	DW291289-01	25,000	Dis	3	IV	\$ 1,502,821
28	Sparta	DW291277-01	1,600	Dis	3	IV	\$ 997,780

27	Chillicothe – Meters	DW291251-02	13,141	Dis	3	IV	\$ 987,500
27	Jefferson Co. PWS# #1	DW291263-01	20,000	Dis	3	IV	\$ 180,250
27	Kansas City – Blue Ridge PS	DW291264-05	650,000	Dis	3	IV	\$ 779,710
27	Kansas City – Emergency Generator	DW291264-09	650,000	Dis	3	IV	\$ 2,941,670
27	St. Louis – Central City Phase 1	DW291280-01	341,381	Dis	3	IV	\$ 548,300
27	St. Louis – Hampton Ave.	DW291280-05	341,381	Dis	3	IV	\$ 2,168,150
27	St. Louis – North City Phase 1	DW291280-09	341,381	Dis	3	IV	\$ 1,024,000
27	St. Louis – South City Phase 1	DW291280-10	341,381	Dis	3	IV	\$ 669,200
27	St. Louis – Stacy Park Reservoir	DW291280-11	341,381	Dis	3	IV	\$ 1,271,100
25	Village of Diggins	DW291253-01	298	Source	3	I	\$ 42,200
25	South Greenfield	DW291292-01	160	Source	3	I	\$ 75,400
25	Paris (Refinance)	DW291159-02	1,529	Dis	3	IV	\$ 900,000
24	Nixa – Tank Rehabilitation	DW291271-02	18,000	Stor	3	III	\$ 1,900,680
22	Columbia – Loop Closure Intersection	DW291014-10	101,413	Dis	3	IV	\$ 592,000
22	Platte City	DW291221-01	4,907	Dis	3	IV	\$ 956,000
22	Cass Co. PWS# #10	DW291249-01	2,070	Dis	3	IV	\$ 349,582
21	Cass Co. PWS# #4	DW291307-01	1,500	Stor	3	III	\$ 158,188
19	Nixa – Distribution	DW291271-01	18,000	Dis	3	IV	\$ 428,896
19	Leadwood	DW291296-01	1,247	TP, Dis, STor	3	II, III, IV	\$ 904,700
19	Lexington	DW291057-02	4,435	TP, Dis, Stor	3	II, III, IV	\$ 12,921,000
17	Columbia – Broadway 8" Main	DW291014-09	101,413	Dis	3	IV	\$ 730,000
17	Columbia – Bus I-70 12" Loop	DW291014-08	101,413	Dis	3	IV	\$ 1,855,500
17	Columbia – Main Replacement	DW291014-12	101,413	Dis	3	IV	\$ 1,532,500
17	Columbia – Main Replacement Schools	DW291014-13	101,413	Dis	3	IV	\$ 1,307,800
17	Kansas City – East Bottoms PS	DW291264-07	650,000	Battery Bank	3	IV	\$ 1,194,800
17	St. Louis – Howard Bend Engine House	DW291280-08	341,381	Energy Cons	3		\$ 416,600
17	St. Louis – Howard Bend Boiler House	DW291280-07	341,381	Energy Cons	3		\$ 160,800
17	St. Louis – Chain of Rocks Filter Plant	DW291280-02	341,381	TP	3	II	\$ 393,100
17	St. Louis – Downtown, Broadway & Arsenal	DW291280-04	341,381	Dis	3	IV	\$ 2,507,000
17	St. Louis – Historic Water Tank Repair	DW291280-06	341,381	Stor	3	III	\$ 617,500
16	Kirkwood	DW291266-01	27,324	Dis	3	IV	\$ 2,058,455
14	Missouri American St. Louis	DW291270-01	1,200,000	Dis	3	IV	\$ 5,760,000
4	Springfield – Blackman WTP Phase 2	DW291278-01	154,777	TP	3	II	\$ 1,218,865
14	Springfield – Distribution Phase 1	DW291278-02	154,777	Dis	3	IV	\$ 820,000
14	Springfield – Distribution Phase 2	DW291278-03	154,777	Dis	3	IV	\$ 8,696,000
13	Gladstone	DW291259-01	26,384	TP, Dis	3	II, IV	\$ 15,000,000
12	Columbia – Loop Closures Residential	DW291014-11	101,413	Dis	3	IV	\$ 458,900
11	Buckner	DW291238-01	2,784	Well, TP, Stor, Dis	3	I, II, III, IV	\$ 4,743,000
5	Liberty – Well & Lime Storage Silo	DW291268-01	28,303	Source, TP	3	I, II	\$ 1,435,000
4	Springfield – Stockton Pump Station Phase 2	DW291278-05	154,777	Source	3	I	\$ 11,255,000
4	Springfield – Stockton Pump Station	DW291278-04	154,777	Source	3	I	\$ 1,745,000
4	Lee's Summit	DW291267-01	92,000	Dis	3	IV	\$ 1,751,000
						Total	\$ 369,414,732

\* Carried over from last IUP  
\*\*Project also included in Project DW291193-02

Abbreviations

- TP - Treatment
- Stor - Storage
- Dis - Distribution
- Inter Interconnection

Problem Codes

- 1 Compliance
- 2 Public Health
- 3 Other

Need Category Codes

- I Source
- II Treatment
- III Storage
- IV Transmission/Distribution

## Sources and Distribution of Loan Funds-Detail

### ESTIMATED DRINKING WATER SRF FUNDS AVAILABLE AS OF 06/30/09

#### Estimated Sources of Funds

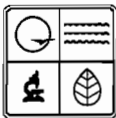
FFY 2006 DW SRF Capitalization Grant (federal portion only)	2,564,905	
FFY 2007 DW SRF Capitalization Grant (federal portion only)	12,622,620	
FFY 2008 DW SRF Capitalization Grant (federal portion only)	11,703,840	
FFY 2009 DW SRF Capitalization Grant (not yet awarded)	11,703,840	
Loan Repayment Fund (Balance in Fund 0602 - balance on 6/30/09)	11,260,215	
Estimated Investment Interest on Repayment Fund (7/1/09 - 06/30/10)	894,956	
Reserve Release (07/1/09 - 6/30/10)	5,211,756	
Direct Loans - Principal and Interest Repayments (07/01/09 - 6/30/10)	280,408	
Total Estimated Sources of Funds		56,242,540

#### Estimated Fund Commitments

Binding Loan Commitments (Balance of Reserve Payable 06/30/09)	(2,761,715)	
Base Program Funds Committed for ARRA projects	(2,665,475)	
Independent Audit	(100,000)	
Total Commitments		(5,527,190)

**Estimated Amount of Available Funds for Reserves** **50,715,350**

**DWSRF Loan Application Package**  
**For SFY 2011**  
**(July 1, 2010 to June 30, 2011)**



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 WATER PROTECTION PROGRAM  
**DRINKING WATER STATE REVOLVING FUND LOAN APPLICATION**

<b>FOR OFFICE USE ONLY</b>	
DATE RECEIVED	
LOAN NUMBER	
PRIORITY POINTS	

**This application is for a Drinking Water State Revolving Fund Loan described in 10 CSR 60-13.020.**  
**Submit to:** Missouri Department of Natural Resources, Financial Assistance Center, P.O. Box 176,  
 Jefferson City, MO 65102-0176. Please type or print legibly.

**GENERAL INFORMATION**

1. PUBLIC WATER SUPPLY NAME		PUBLIC WATER SUPPLY ID NO.	
PUBLIC WATER SUPPLY OWNER			
2. PUBLIC WATER SUPPLY CONTACT PERSON FOR THIS DRINKING WATER STATE REVOLVING FUND LOAN PROJECT		TITLE	
MAILING ADDRESS			
CITY	STATE	ZIP CODE + FOUR	COUNTY
TELEPHONE NUMBER WITH AREA CODE - - Ext.		FAX NUMBER WITH AREA CODE - - Ext.	
3. CONSULTING ENGINEER			
CONSULTANT MAILING ADDRESS			
CITY	STATE	ZIP CODE + FOUR	
CONSULTANT TELEPHONE NUMBER WITH AREA CODE - - Ext.		CONSULTANT FAX NUMBER WITH AREA CODE - -	
4. POPULATION SERVED BY PUBLIC WATER SUPPLY <input type="checkbox"/> < 501 <input type="checkbox"/> 501 to 3,300 <input type="checkbox"/> 3,301 to 10,000 <input type="checkbox"/> 10,001 to 100,000 <input type="checkbox"/> > 100,000			
5. U.S. CONGRESSIONAL DISTRICT NUMBER	STATE SENATE DISTRICT NUMBER(S)	STATE REPRESENTATIVE DISTRICT NUMBER(S)	

**6. CERTIFIED OPERATOR AND EMERGENCY OPERATING PLAN**

THE APPLICANT HAS PROVIDED:

Documentation the Public Water Supply has a certified chief operator or expects to have prior to loan award.

Documentation the Public Water Supply has an emergency operating plan or expects to have prior to loan award.

**PROJECT DESCRIPTION**

DESCRIBE THE MAJOR COMPONENTS OF THE PROJECT. THE PROJECT FOR WHICH FUNDING IS BEING REQUESTED MUST BE LIMITED TO PROJECTS THAT WILL BE BID FOR CONSTRUCTION IMMEDIATELY FOLLOWING THE DRINKING WATER STATE REVOLVING FUND LOAN CLOSING DEADLINE. (ATTACH A SEPARATE SHEET, IF NECESSARY)

7. ESTIMATED PROJECT COST INFORMATION		8. BREAKDOWN OF STATE REVOLVING FUND ELIGIBLE COST PER DESIGNATED CATEGORIES:	
Cost Estimate Dated:    /    /		I.      Treatment	\$
Administrative/Legal	\$	II.     Transmission and Distribution	\$
Engineering Planning and Design	\$	III.    Storage	\$
Construction Engineering Services	\$	IV.     Source	\$
Engineering Inspection	\$	V.      Land Acquisition	\$
Construction	\$	VI.     Purchasing of Other Systems	\$
Other Costs (labs, upgrades, automation, etc.) Specify:	\$	VII.    Refinancing	\$
Interest During Construction	\$	VIII.   Other Specify:	\$
Contingency (10 percent of Construction)	\$	<b>9. PROJECTED REPAYMENT SOURCE</b>	
<b>Total Project Costs</b>	\$	<input type="checkbox"/> User Fees <input type="checkbox"/> General Funds <input type="checkbox"/> Sales <input type="checkbox"/> Other (Please, describe):	
Funding Sources other than the Drinking Water State Revolving Fund (specify whether loan or grant):			
•	\$		
•	\$		
<b>BALANCE</b> (Total project costs minus other funding sources)	\$		
Cost of Issuance (Estimate 3% of Balance)	\$	<input type="checkbox"/> Other (Please, describe):	
<b>AMOUNT OF LOAN REQUEST</b> (Balance plus Cost of Issuance)	\$	IS THE SOURCE OF REPAYMENT IN PLACE AND AVAILABLE AT THIS TIME? (CHECK ONE) <input type="checkbox"/> Yes <input type="checkbox"/> No   If yes, specify:	
<b>10. ANTICIPATED DEBT STRUCTURE/SECURITY</b>			
<input type="checkbox"/> <b>General Obligation Bonds</b>		<input type="checkbox"/> <b>Revenue Bonds</b>	
Amount of Bond \$	HAVE YOU PASSED BONDS FOR THIS PROJECT? (CHECK ONE) <input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>11. FINANCIAL INFORMATION</b>			
Anticipated term of the loan (years)			
EXISTING CUSTOMERS		ESTIMATED CUSTOMERS AT PROJECT COMPLETION	
WHAT IS YOUR COLLECTION DELINQUENCY RATE? percent		ARE YOU CURRENTLY FUNDING DEPRECIATION? <input type="checkbox"/> Yes <input type="checkbox"/> No	
OUTSTANDING DEBT AMOUNT \$		WHEN WAS THE LAST TIME USER FEES WERE REVIEWED?	
EXISTING ANNUAL DEBT SERVICE \$		WHEN WAS THE LAST TIME USER FEES WERE INCREASED?	
12. REVENUE LESS (MINUS) OPERATING EXPENSES FOR THE LAST FISCAL YEAR EQUALS = \$			
FROM A FINANCIAL STANDPOINT, DO YOU HAVE A COMBINED WATER AND SEWER SYSTEM? <input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>PROJECT SCHEDULE (READINESS TO PROCEED)</b>			
<b>Milestone</b>		<b>Anticipated Date</b>	
A. Engineering Report and Facility Plan complete		/ /	
B. All other funding is secured (if necessary, bonds are voted)		/ /	
C. Engineering Plans and Specifications complete		/ /	
D. Construction start date		/ /	
E. Mandatory completion date (attach copy of compliance schedule)		/ /	

**13. AFFORDABILITY (COMMUNITY WATER SYSTEMS ONLY)**

Community water systems include, for example, water supply districts, cities and subdivisions. Community water systems may be publicly or privately owned.

POPULATION SERVED

FROM THE U.S. CENSUS; MEDIAN HOUSEHOLD INCOME FOR THE SERVICE AREA

\$

NUMBER OF HOUSEHOLDS

COMMUNITY(IES) BENEFITED BY PROJECT

14. CURRENT AVERAGE MONTHLY WATER BILL FOR A TYPICAL HOUSEHOLD, PER 5,000 GALLONS

\$

ESTIMATED AVERAGE MONTHLY WATER BILL FOR A TYPICAL HOUSEHOLD, PER 5,000 GALLONS, FOLLOWING COMPLETION OF THIS PROJECT

\$

**15. SAFE DRINKING WATER ACT COMPLIANCE (ONLY EXISTING PUBLIC WATER SYSTEMS ARE ELIGIBLE FOR PRIORITY POINTS UNDER THIS SECTION)**

Describe anticipated compliance benefits of the proposed project. The project for which funding is being requested must be limited to projects that will be bid for construction immediately following the Drinking Water Revolving Fund loan closing deadline. Check all of the items listed below that apply to this project and describe each item below. You must attach any other supporting documentation described on the application form.

THIS PROJECT WILL (CHECK ALL THAT APPLY):

- Correct persistent violations of maximum contaminant levels or treatment performance criteria for acute risk contaminants (such as coliform, turbidity or nitrate) within the past 36 months.
- Correct persistent violations of treatment technique requirements.
- Correct persistent violations of maximum contaminant levels for non-acute risk primary contaminants occurring within the past 36 months.
- Correct persistent violations of maximum contaminant levels for secondary contaminants occurring within the past 36 months.
- Enable the Public Water Supply to comply with certain anticipated federal regulations.
- Enable the Public Water Supply to comply with an administrative order, bilateral compliance agreement, permit or other enforceable document issued by the Missouri Department of Natural Resources.

DESCRIPTION OR ADDITIONAL COMMENTS:



**PUBLIC HEALTH**

Describe the anticipated public health benefits of the proposed project. The project for which funding is being requested must be limited to projects that will be bid for construction immediately following the Drinking Water Revolving Fund loan closing deadline. Check all items listed below that apply to the project and describe in the space provided. You must attach any other supporting documentation and specifically cross-reference it in the narrative description. The Department will consider only supporting documentation described on the application form.

- Existing public water systems only: At least 51 percent of the project will address problems causing a waterborne disease outbreak attributable to the Public Water Supply by the Department of Health and Senior Services.
- Existing public water systems only: The Public Water Supply can document its inability consistently to maintain >35 psi as a normal working pressure in the distribution system.
- Existing public water systems only: The Public Water Supply can document its inability consistently to maintain >20 psi at all service connections.
- Private or non-community wells or sources in the project service area are unable to consistently provide an adequate amount of potable water for general household purposes and at least 51 percent of the project addresses this need.

## THIS PROJECT WILL (CHECK ALL THAT APPLY):

- Provide a Public Water Supply with a backup well or backup interconnection with another Public Water Supply.
- Address problem(s) with improper well construction.
- Address unaccounted for water that exceeds 10 percent of the drinking water produced by the system, and the loss is due to leaking or broken water lines.
- Provide necessary modifications to a distribution system anticipated to exceed design capacity or useful life within the next five years.
- Address a demonstrated need to replace faulty pipes or substandard pipe materials.
- Address a demonstrated need for distribution system valves and flushing devices.
- Address a demonstrated need for looping of water mains.
- Address an inability to maintain a disinfectant residual at all points in the distribution system.
- Address water storage facilities in poor condition not related to inadequate maintenance.
- Provide the Public Water Supply with a storage capacity equal to one day's average use or provide the Public Water Supply with adequate standby power.
- Provide necessary modifications to a source or treatment facility anticipated to exceed design capacity or useful life within the next five years.
- Address significant degradation of the quality of raw water supply.
- Address significant degradation of the quality of finished water in storage.
- Enable the Public Water Supply to meet existing state requirements for the treatment or storage of waste residues generated by the water treatment plant.
- Enable repair or replacement of treatment facilities for required disinfection or turbidity removal that are severely deteriorated beyond the useful life of the facility.
- The facility's source is vulnerable to natural disasters (such as flood or drought) or contamination.
- The facility's treatment plan is vulnerable to natural disasters (such as flood or drought) or contamination.
- The facility is located in a Department approved Wellhead Protection Area.
- At least 51 percent of the project cost is for repair or replacing an existing public water system damaged or destroyed by a natural disaster. (Note: Documentation must be submitted along with a statement that adequate state or federal disaster relief is not available).

## THIS PROJECT WILL (CHECK ALL THAT APPLY):

- Provide necessary upgrades to facilities of a primary water system to continue or expand services as a regional water supplier.
- Result in the permanent supply interconnection of two or more existing public water systems. (This includes new water systems that allow small water systems within their boundaries to consolidate).
- Result in a regional management system responsible for the day-to-day operation of the water system.
- Enable the Public Water Supply to enhance the water system security.
- Applicants governing board has received training related to the management and operation of drinking water infrastructure.

DESCRIPTION OR ADDITIONAL COMMENTS

**CERTIFICATION**

The undersigned representative certifies the information submitted in this application is true and correct to the best of his or her knowledge and that he or she is authorized to sign and submit this application. The applicant agrees, if a loan is awarded on the basis of this application, to comply with all applicable rules and regulations of the Department of Natural Resources and the terms and conditions of the loan agreement. **Incomplete applications will be returned.**

SIGNATURE OF AUTHORIZED REPRESENTATIVE	DATE / /
NAME AND OFFICIAL TITLE	TELEPHONE NUMBER WITH AREA CODE - - Ext.
<b>PREPARER'S NAME AND SIGNATURE (IF APPLICABLE)</b>	
SIGNATURE OF PREPARER	DATE / /
NAME AND TITLE	TELEPHONE NUMBER WITH AREA CODE - - Ext.



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# Drinking Water State Revolving Fund Loan Application Instructions for Form 780-1845

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**Note:** Potential applicants should contact the Financial Assistance Center prior to completing and submitting an application. Please contact the Financial Assistance Center at 573-751-1192 or toll free at 800-361-4827.

1. Print or type the applicant information. Include a street address if available. The applicant is the entity that will receive the loan funds, if awarded.
2. The contact noted on the application should be knowledgeable about the application and able to be contacted during business hours.
3. Include the engineering firm name and the professional engineer working on the project.
4. Show the population of the entire service area. The "population served by Public Water Supply" will be different from the census population if the project is to serve a portion of the municipality or district.
5. Provide the U.S. congressional district number(s), state senate and state representative district number(s) for the project area.
6. Check the appropriate box if the public water supply has a certified chief operator or an emergency operations plan.
7. Supply the cost estimates for the project. Land acquisition and easements are eligible for a Drinking Water State Revolving Fund Loan. Please call the Financial Assistance Center for additional guidance concerning requirements needed when acquiring land and easements.
8. Provide a cost breakdown by category of need.
9. State the source of repayment for the loan and if it is in place and available at this time.
10. Provide information about existing or proposed ballot issues. If a bond or tax issue has already been voted, provide a copy of the ballot language and certified election results.
11. The information included in Section 11 will be used to determine the financial capability of the applicant with respect to the proposed project. Please provide the most accurate information available.
12. Show the revenue minus expenses for the last fiscal year. Please include the beginning and end of the fiscal year if not using the calendar year.
13. In Section 9 "Affordability", the median household income is based on the most recent census.

14. Fill in the current rate for a 5,000 gallon user and what the estimated rate will be at project completion.
15. Check all boxes that apply to the proposed project and include descriptions or additional comments as needed. Additional information from these descriptions and a preliminary engineering report will help in determining priority.

**Note:** Please look at the priority ranking criteria developed by the department. Doing this will help you to maximize the priority points received for the project. The priority ranking criteria is available at [www.dnr.mo.gov/env/wpp/srf/index.html](http://www.dnr.mo.gov/env/wpp/srf/index.html).

#### **Incomplete Applications will be Returned**

- Sign the application and attach any information that will enable the department to prioritize your drinking water needs.
- If you are using funds from U.S. Department of Agriculture-Rural Development or Department of Economic Development - Community Development Block Grant Program, be certain that you have included this information with the application.
- Make a copy of the completed application for your records.

Mail the completed application to:

Missouri Department of Natural Resources, Water Protection Program  
Financial Assistance Center, P.O. Box 176, Jefferson City, MO 65102-0176

#### **For More Information**

Missouri Department of Natural Resources  
Water Protection Program, Financial Assistance Center  
P.O. Box 176  
Jefferson City, MO 65102-0176  
800-361-4827 or 753-751-1192  
FAX: 573-571-9396  
[www.dnr.mo.gov/env/wpp/srf/index.html](http://www.dnr.mo.gov/env/wpp/srf/index.html)



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
WATER PROTECTION PROGRAM

**DRINKING WATER STATE REVOLVING FUND FACILITY PLAN SUBMITTAL CHECKLIST**

**1. APPLICANT INFORMATION**

APPLICANT NAME			
ADDRESS	CITY	STATE	ZIP CODE
CONTACT PERSON		TELEPHONE NUMBER WITH AREA CODE	
TITLE		TELEPHONE NUMBER WITH AREA CODE	
CONSULTING ENGINEER		TELEPHONE NUMBER WITH AREA CODE	

**2. CONTINUING AUTHORITY**

AUTHORIZED REPRESENTATIVE	
TITLE	TELEPHONE NUMBER WITH AREA CODE

**3. PROJECT INFORMATION**

PROJECT NAME	
<input type="checkbox"/> SRF Project No.	<input type="checkbox"/> USDA/RD
<input type="checkbox"/> SG Project No.	<input type="checkbox"/> DED/CDBG
<input type="checkbox"/> EPA Grant No.	<input type="checkbox"/> Other Funding Sources

**4. FACILITY PLAN INFORMATION in accordance with 10 CSR 60-12.020 (2)(F) (Check the enclosed items.)**

<input type="checkbox"/> BE CONSISTENT WITH ACCEPTED ENGINEERING PRACTICE <input type="checkbox"/> APPROPRIATE DESIGN PERIOD <input type="checkbox"/> CURRENT AND PROJECTED HYDRAULIC LOADING <input type="checkbox"/> GENERAL PROJECT DESIGN CRITERIA <input type="checkbox"/> DESCRIBE THE PURPOSE AND NEED OF THE PROJECT <input type="checkbox"/> STUDY AND EVALUATE THE MOST FEASIBLE, ECONOMIC AND ENVIRONMENTALLY SOUND ALTERNATIVES <input type="checkbox"/> CURRENT AND ESTIMATED FUTURE USER CHARGE (COST PER 5,000 GALLONS) <input type="checkbox"/> CURRENT AND FUTURE WATER DEMAND <input type="checkbox"/> DETAILED PROJECT BUDGET <input type="checkbox"/> INCLUDE A PROJECT SCHEDULE (INCLUDING THE FOLLOWING DATES: CONSTRUCTION START, CONSTRUCTION COMPLETION, INITIATION OF OPERATION AND PROJECT COMPLETION). <input type="checkbox"/> SEALED BY REGISTERED MISSOURI PROFESSIONAL ENGINEER <input type="checkbox"/> SELECTED SITE LOCATION
--

**5. CLEARANCE LETTERS in accordance with 10 CSR 60-13.030**

<input type="checkbox"/> ARMY CORPS OF ENGINEERS <input type="checkbox"/> DEPARTMENT OF NATURAL RESOURCES STATE HISTORIC PRESERVATION OFFICE <input type="checkbox"/> DEPARTMENT OF CONSERVATION <input type="checkbox"/> UNITED STATES FISH AND WILDLIFE <input type="checkbox"/> DEPARTMENT OF NATURAL RESOURCES DIVISION OF GEOLOGY AND LAND SURVEY (WELLS AND STORAGE TANKS) <input type="checkbox"/> FEDERAL ASSISTANCE CLEARING HOUSE <input type="checkbox"/> DEPARTMENT OF NATURAL RESOURCES DIVISION OF STATE PARKS (INFRINGES ON FEDERALLY FUNDED PARKS)
--

**6. PUBLIC PARTICIPATION in accordance with 10 CSR 60-13.020 (2)(E) and 10 CSR 60-13.030 (5)(B)2**

<input type="checkbox"/> HOLD A PUBLIC HEARING TO DISCUSS THE PROPOSED PROJECT, PROPOSED ALTERNATIVE AND ITS POSSIBLE ENVIRONMENTAL IMPACT <input type="checkbox"/> PROVIDE A TRANSCRIPT OF THE HEARING AND LIST OF ATTENDEES TO THE DEPARTMENT <input type="checkbox"/> PROVIDE TO THE DEPARTMENT PROOF THAT ADVERTISEMENT AND NOTIFICATION OF THE MEETING(S) PROCEEDED THE HEARING BY 30 DAYS
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**7. ENVIRONMENTAL EFFORTS in accordance with 10 CSR 60-13.030 (5)(B)1**

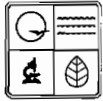
<input type="checkbox"/> INFORMATION DESCRIBING ANY IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT OF RESOURCES TO THE PROPOSED PROJECT <input type="checkbox"/> INFORMATION DESCRIBING THE FUTURE OF THE ENVIRONMENT WITHOUT THE PROJECT <input type="checkbox"/> THE POTENTIAL ENVIRONMENTAL IMPACTS OF THE PROJECT AS PROPOSED INCLUDING THOSE WHICH CANNOT BE AVOIDED <input type="checkbox"/> THE RELATIONSHIP BETWEEN THE SHORT-TERM USES OF THE ENVIRONMENT AND THE MAINTENANCE AND ENHANCEMENT OF LONG-TERM PRODUCTIVITY
--

Review will not be initiated until items in Section 4 are submitted. Issuance of an environmental review and final approval of the Facility Plan can not be given until all items have been submitted. Attach a schedule for submittal of any remaining information or documents.

**8. SIGNATURE**

The undersigned official of the applicant ensures the information contained herein and the attached documents are true, correct and complete to the best of my knowledge and belief.

PREPARER'S SIGNATURE	
TITLE	DATE



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# Missouri Drinking Water State Revolving Fund Priority Points Criteria

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Water Protection Program fact sheet

9/2009

**Approved by the Safe Drinking Water Commission - Sept. 2, 2009**

## General Information

The Department must prepare annually a document called the *Drinking Water State Revolving Fund*, or DWSRF, *Intended Use Plan*, or IUP, that includes lists of proposed projects expected to qualify for financing within the fiscal year addressed by the IUP. These priority point criteria will be used to evaluate the DWSRF leveraged loan application to be addressed by the State Fiscal Year 2011. A project must be listed in the IUP to be eligible for funding. The projects must be listed in priority order.

The purpose of these priority point criteria is to list projects as to their priority order so that the most serious problems are given the highest priority. Consistent with the federal Safe Drinking Water Act, or SDWA, priorities are based primarily on protection of public health, compliance with the SDWA and household affordability.

## Assignment of Priority Points

Priority points shall be assigned only where the proposed project is intended to correct the problem associated with the points. For example, if the public water system has persistent violations of a secondary maximum contaminant level, or MCL, but the proposed project does not address that problem, the 10 points associated with persistent violations of a secondary MCL will not be assigned.

The sections on Distribution System Reliability (section II.C.2.) and Design Considerations (section II. C. 6.) are limited to a maximum of 20 points each. This is done to ensure projects addressing MCL violations are not overwhelmed by projects addressing only design considerations or distribution system problems. The 25 points available for violations of acute risk contaminant MCLs was used as the baseline in developing the priority point criteria.

Projects will be ranked by the number of points received. In the event of a tie, the project receiving the highest number of points under Distribution System Reliability and Design Considerations (sections II.C.2. and II. C. 6.) with the 20-point maximum limits lifted will receive the higher ranking. If the projects are still tied, the secondary tie-breaking criteria will be number of affordability points. The applicant with the highest affordability points will receive the higher ranking. If the projects are still tied, the third tier of tie-breaking criteria will be the number of people served. The system serving the larger number of people will receive the higher ranking. Projects that involve the refinancing of existing debt will for the purpose of priority ranking, receive priority points only for affordability.

No priority points shall be assigned to a project intended to correct deficiencies resulting from inadequate operation and maintenance of the public water system.

Priority point assignment and listing in the IUP do not guarantee that all financial and project eligibility requirements have been met.

## **Priority Points**

### **I. Safe Drinking Water Act Compliance**

Only projects for existing eligible public water systems will be assigned points under this section. See the list on page 6 of this fact sheet, *SDWA Compliance Priority Points: Existing and Anticipated Regulations* for further explanation of categories A through D below.

- A. Acute Risk Contaminants. 25 points will be assigned if there have been persistent violations of maximum contaminant levels or treatment performance criteria for acute risk contaminants (such as coliform, turbidity or nitrate) within the past 36 calendar months.
- B. Treatment Technique Requirements. 20 points will be assigned if there have been persistent violations of treatment technique requirements on the *SDWA Compliance Priority Points: Existing and Anticipated Regulations* list (such as the Surface Water Treatment Rule, Lead and Copper, etc.).
- C. Non-Acute Risk Contaminants.
  - 1. 15 points will be assigned if there have been persistent violations of any non-acute risk primary MCL within the past 36 calendar months.
  - 2. 10 priority points will be assigned if there have been persistent violations of any secondary MCL within the past 36 calendar months.
- D. Anticipated Federal Regulations. 15 points will be assigned if the proposed project will enable the public water system to comply with anticipated federal regulations identified on the *SDWA Compliance Priority Points: Existing and Anticipated Regulations* list.
- E. Compliance. 10 points will be assigned if the proposed project will enable an eligible public water system to comply with an administrative order, a bilateral compliance agreement, or other enforceable document issued by the Missouri Department of Natural Resources.

### **II. Public Health**

- A. Waterborne Disease Outbreak. 25 points will be assigned if a waterborne disease outbreak as declared by the Department of Health is attributable to an existing public water system and 51 percent or more of the cost of the proposed project addresses the problem(s) causing the waterborne disease outbreak.
- B. Inadequate Water Supply.
  - 1. 10 points will be assigned if an existing public water system can document its inability to consistently maintain at least 35 psi as a normal working pressure in the distribution system.
  - 2. 10 points will be assigned if an existing public water system can document its inability to consistently maintain pressures of at least 20 psi at all service connections.
  - 3. 20 points will be assigned if the private or noncommunity wells or sources in the proposed project service area are unable to consistently provide an adequate amount of potable water for general household purposes and 51 percent or more of the cost of the proposed project addresses this need. Private or noncommunity wells or sources contaminated by commercial, industrial or mining wastes will be considered in this category.

C. Public Water System Infrastructure Improvement.

**Note:** Only projects for existing eligible public water systems will be assigned points under this subsection.

1. System source reliability.

- a. 10 points will be assigned a project that addresses a need for new backup well or a backup interconnection with another public water system.
- b. 10 points will be assigned if the system has one or more improperly constructed wells.

2. Distribution system reliability. (Limited to a maximum of 20 points.)

**Reminder:** After points have been calculated for all eligible applicants, ties will be broken by calculating total points possible under this section and section II.C.6., design considerations, without the 20-point limitations. The project receiving the higher score under these two sections without the 20-point limitations will be ranked above the project receiving the lower score.

- a. 10 points will be assigned if the system has unaccounted-for water that exceeds 10 percent of the drinking water produced by the system, and the water loss is due to broken or leaking waterlines.
- b. 10 points will be assigned if the distribution system is anticipated to exceed design capacity or useful facility life within the next five years.
- c. 10 points will be assigned if the distribution system has faulty waterlines or substandard waterline materials.
- d. 5 points will be assigned if the public water system requires distribution system valves and flushing devices.
- e. 5 points will be assigned if the public water system requires looping of water waterlines.

3. Disinfection. 10 points will be assigned if a public water system is unable to maintain a disinfectant residual at all points in its distribution system.

4. 10 points will be assigned if a system has storage facilities in poor condition, not related to inadequate maintenance of the facilities.

5. Reliability of service. 10 points will be assigned if a system has water storage capacity that is less than one day's average use or lacks adequate standby power.

6. Design considerations. (Limited to a maximum of 20 points)

**Reminder:** After points have been calculated for all eligible applicants, ties will be broken by calculating total points possible under this section and section II.C.2., system distribution reliability, without the 20-point limitations. The project receiving the higher score under these two sections without the 20-point limitations will be ranked above the project receiving the lower score.

- a. 20 points will be assigned if the source or treatment facility is anticipated to exceed its useful life or if the demand is expected to exceed the design capacity within the next five years.



- b. 20 points will be assigned if a system has suffered significant degradation of the quality of the raw water supply.
  - c. 20 points will be assigned if a system has suffered significant degradation of the quality of finished water in storage.
  - d. 10 points will be assigned if a system currently does not meet existing state requirements for the treatment and/or storage of waste residues generated by the water treatment plant.
7. 20 points will be assigned if the treatment facility(ies) for required disinfection or turbidity removal are severely deteriorated and beyond the facility useful life.
8. Vulnerability.
- a. 10 points will be assigned to a water system whose source is vulnerable to natural disasters (such as flood or drought) or contamination.
  - b. 10 points will be assigned to a water system whose treatment plant is vulnerable to natural disasters (such as flood, earthquake, etc.) or contamination.
- D. Wellhead and Watershed Protection. 10 points will be awarded to applicants who have a Department approved wellhead protection plan or watershed protection plan.

### III. Affordability

Only community water system projects will be assigned points under this section.

A. Annual Median Household Income. The statewide annual median household income levels of the state must be determined from income data from the latest census of the United States.

- 1. A community water system will use the annual median household income for the appropriate political subdivision or subdivisions encompassing its service area.
- 2. A nonmunicipal community water system will use the annual median household income for the smallest political subdivision encompassing the nonmunicipal community water system.

B. Assignment of Points. (Limited to a maximum of 25 points)

- 1. 10 points will be assigned a project sponsored by a community water system with an annual median household income below the annual median household income for either the metropolitan or nonmetropolitan area, as applicable.
- 2. From 1 to 25 points will be assigned, determined by the ratio of monthly water bill for 5,000 gallons of water to the monthly median household income for the project area to be served (expressed in percent times 10) and rounded to the nearest whole number.

For example: Monthly water bill = \$20  
 Annual median household income = \$24,000  
 Monthly median household income = \$24,000/12 = \$2,000  
 $(\$20/\$2000) \times 100\% = 1\%$   
 $1\% \times 10 = 10 \text{ points}$

#### **IV. Additional Priority Point Categories**

##### **A. Natural disasters.**

10 points will be assigned if 51 percent or more of the proposed project cost is for repair or replacement of an existing public water system damaged or destroyed by a natural disaster. In order to be assigned these points, the project must be located in an area declared a federal or state natural disaster area, and a description of the public water system damaged or destroyed by the natural disaster must be submitted along with a statement that other state or federal disaster relief is not sufficient to meet the costs of the project.

##### **B. Consolidation.**

1. 20 points will be assigned a project that provides necessary upgrades to facilities of a primary water system to continue or expand services as a regional water supplier.
2. 20 points will be assigned if the proposed project will result in the permanent supply interconnection of two or more existing public water systems, where at least one of the systems has demonstrated technical, managerial and financial capacity with respect to the national primary drinking water regulations. This would include new water systems (generally water districts), which will allow small water systems within their boundaries to consolidate.
3. 10 points will be assigned for consolidation of two or more public water systems or if the proposed project will result in a regional management system responsible for the day-to-day operation of the water system, where the management system has the required technical, managerial and financial capacity to meet the national primary drinking water regulations. If the project meets the criteria for the points under item IV.B.4., points under this criteria will not be awarded.
4. 20 points will be assigned if the proposed project will result in a new water distribution system or upgrade of an existing water distribution system to meet the standards of a regional water supplier for the purpose of consolidation.

##### **C. Security.**

10 points will be assigned for eligible security measures. Eligible security measures include vulnerability assessments, emergency response plans, fencing, security cameras and lights, motion detectors, secure chemical and fuel storage, security hatches and access panels, and cross-connection control.

##### **D. Board Training.**

10 points will be assigned if the governing body has received training related to

the operation and management of the water utility.

## **SDWA Compliance Priority Points: Existing and Anticipated Regulations**

### **I. Maximum Contaminant Levels (MCL) and Treatment Technique Requirements**

#### **Acute Risk Contaminants**

10 CSR 60-4.020 Maximum Microbiological Contaminant Levels and Monitoring Requirements, subsections (7)(A) and (7)(B).

10 CSR 60-4.030 Maximum Inorganic Chemical Contaminant Levels, Action Levels, and Monitoring Requirements, numbers 13, 14 and 15 in section (1).

10 CSR 60-4.050 Maximum Turbidity Contaminant Levels and Monitoring Requirements, subsections (2)(D) and (3)(D).

#### **Treatment Technique Requirements**

10 CSR 60-4.050 Maximum Turbidity Contaminant Levels and Monitoring Requirements, subsections (2) and (3).

10 CSR 60-4.055 Disinfection Requirements, subsection (1)(A), section (2), section (3), section (4), section (5) and section (6).

10 CSR 60-4.090 Maximum Contaminant Level and Monitoring Requirements for Disinfection By-Products, subsections (1)(D) and (4)(D).

10 CSR 60-15.010 General Requirements (lead and copper), sections (4), (5) and (6).

#### **Non-Acute Primary MCL**

10 CSR 60-4.030 Maximum Inorganic Chemical Contaminant Levels, Action Levels, and Monitoring Requirements, section (1), including the revised arsenic MCL proposed April 15, 2003.

10 CSR 60-4.040 Maximum Synthetic Organic Chemical Contaminant Levels and Monitoring Requirements, section (1).

10 CSR 60-4.060 Maximum Radionuclide Contaminant Levels and Monitoring Requirements, subsections (1)(A)-(D).

10 CSR 60-4.090 Maximum Contaminant Level and Monitoring Requirements for Disinfection By-Products, subsections (1)(A)-(C).

10 CSR 60-4.100 Maximum Volatile Organic Chemical Contaminant Levels and Monitoring Requirements, section (2).

#### **Secondary MCL**

10 CSR 60-4.070 Secondary Contaminant Levels and Monitoring Requirements, section (1).

## II. New and Anticipated Federal Regulations

### **Radon**

In anticipation of new standards for radon, points will be awarded for projects that will bring these systems into compliance with those standards. EPA's proposed rule was published in the Nov. 2, 1999 *Federal Register* (64 FR 59246).

### **Ground Water Rule**

EPA is developing rules to specify appropriate use of disinfection and address other components of groundwater systems. In anticipation of the Groundwater Rule, points will be awarded for projects that will bring these systems into compliance with those standards. EPA's proposed rule was published in the May 10, 2000, *Federal Register* (65 FR 30193).

### **Long-Term 2 Enhanced Surface Water Treatment Rule**

EPA's New Long-Term 2 ESWTR was published in the Jan. 5, 2006, *Federal Register* (71 FR 653). Points will be awarded for projects that will bring affected systems into compliance with the standards.

### **Stage 2 Disinfectants/Disinfection By-Products Rule**

EPA's Stage 2 D/DBPR was published in the Jan. 4, 2006, *Federal Register* (71 FR 388). Points will be awarded for projects that will bring affected systems into compliance with the new standards.

### **For more information**

Missouri Department of Natural Resources  
Water Protection Program  
Public Drinking Water Branch  
P.O. Box 176  
Jefferson City, MO 65102-0176  
800-361-4827 or 573-751-5331  
[www.dnr.mo.gov/env/wpp/index.html](http://www.dnr.mo.gov/env/wpp/index.html)



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# Missouri Drinking Water State Revolving Fund Readiness to Proceed and Distribution of Funds Criteria

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Water Protection Program fact sheet

9/2009

**Approved by the Safe Drinking Water Commission - Sept. 2, 2009**

## **General Information**

In order to assure best use of the drinking water loan funds in a reasonably expeditious manner, the Department of Natural Resources will begin recognizing the effort of Drinking Water State Revolving Fund, or DWSRF, applicants to complete their proposed project. Also, to ensure availability of DWSRF loan funds to more water systems, the Department is including an annual funding limitation.

## **Readiness to Proceed**

The Department will follow the readiness to proceed criteria to determine fundable status and distribute available and anticipated DWSRF funds. Readiness to proceed criterion is defined as any project that, at a minimum, has submitted a complete facility plan and has secured voter approved bond authorization or received an acceptable debt instrument. To help determine if a project is ready, a facility plan for a DWSRF project must adequately address the information required by section 1.0 of the checklist attached to the SRF application at the end of this document. See the Distribution of DWSRF - Funds section for details as to how the Department proposes to list new and carry-over DWSRF projects in the next Intended Use Plan.

## **Maximum Loan Limit**

The maximum amount for a DWSRF loan from any single Intended Use Plan, or IUP, shall not exceed 30 percent of the total available and anticipated loan fund or \$10 million, whichever is less, unless the Department receives approval from the Missouri Safe Drinking Water Commission, or SDWC to exceed such limits.

## **Distribution of DWSRF Funds**

Based on priority points and readiness to proceed, the following describes how the Department intends to list the DWSRF projects for the purpose of committing DWSRF loan funds. The Department will designate DWSRF projects in the Drinking Water Intended Use Plan as either fundable, fundable contingency, or planning. Projects designated as fundable include projects that the Department has committed to finance with available or anticipated State Revolving Funds under the Intended Use Plan. The Department's commitment to fundable projects is to reserve loan funds in the amount requested until the applicant secures the DWSRF loan or until the application period expires. Fundable contingency projects are those projects meeting readiness to proceed but not receiving funding commitments due to the lack of SRF funds. Projects designated as planning are those projects that have not yet met the definition of readiness to proceed criteria.

The Department will initially reserve 20 percent of the available or anticipated uncommitted funds for very small water systems (systems that serve 3,300 or fewer people) that submit a loan application meeting the readiness to proceed criteria by the application receipt deadline. The department will reserve 15 percent for small water systems (systems which serve from 3,301 to 9,999 people) that submit a loan application meeting the readiness to proceed criteria by the application receipt deadline. Any initially reserved funds for small or very small water systems that are not committed will be transferred to the general reserves and made available to commit to projects that meet readiness to proceed criteria and committed according to priority ranking of the projects. Any uncommitted funds available after the application receipt deadline will be committed to projects in the order that the projects meet readiness to proceed. In the case where funds reserved for small or very small systems are not fully used, the Department can give preference to such projects in the future.

#### **I. Fundable List**

All eligible carry-over applications from last year's Fundable List will retain their same funding commitment from the prior IUP, unless bypassed. All carry-over applications from last year's Fundable Contingency List and new DWSRF applications received this year that meet the criterion for readiness to proceed will be placed on the Fundable List in order of priority ranking. Those projects below the funding cutoff will be placed on the Fundable Contingency List. Carry-over projects will retain the points they received in the last year's IUP unless they reapplied for consideration under the latest criteria (such projects are then deemed new applications).

#### **II. Fundable Contingency List**

These are eligible projects that meet readiness to proceed but due to priority ranking, timing, or funding limitations will not receive funding commitments. These projects will be ranked on the list in accordance with their priority points. If uncommitted funds become available, the Department, with the Safe Drinking Water Commission's approval, will move the highest-ranking project from this list to the Fundable List.

#### **III. Planning List**

These are the eligible carry-over or new projects that do not meet the readiness to proceed criterion to make the Fundable or Fundable Contingency List. These projects will be ranked according to their priority points. Any application(s) that meets the Readiness to Proceed criteria, subject to the availability of funding, may be moved to the Fundable or Fundable Contingency List and shall be incorporated into the appropriate list in priority point order.

#### **Bypass Procedures**

The Department may bypass any project on the Fundable List that does not make satisfactory progress toward meeting requirements. Procedures for bypassing projects are contained in 10 CSR 60-13.020(3)(A).

### **Refinancing and Refunding Criteria for Readiness to Proceed**

Projects that involve both new projects financing plus the refinancing or refunding of existing debt will only retain the new project priority points if:

- A. The refinancing or refunding is necessary to meet affordability criteria after the current project financing is factored into the applicant's total debt service, and
- B. It is a current refinancing or refunding, or, in an advance refinancing/refunding, interest portion of the defeasance escrow attached to the SRF program shall include no more than two years of interest on the bonds to be refunded, and
- C. The current debt is not that of another state or federal agency, and
- D. Refinanced or refunded debt will only incorporate level or net level debt amortization structures.

Projects that only involve the refinancing of existing debt will only receive priority points for affordability.

If it is determined that a refinancing or refunding project has not followed the Drinking Water State Revolving Fund environmental and procurement requirements, then commitment to fund such projects will be considered on a case-by-case basis depending on availability of funds and the merits of the project as determined by the Department and the Safe Drinking Water Commission.

### **For more information**

Missouri Department of Natural Resources  
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P.O. Box 176  
Jefferson City, MO 65102-0176  
800-361-4827 or 573-751-5331  
[www.dnr.mo.gov/env/wpp/index.html](http://www.dnr.mo.gov/env/wpp/index.html)