

Drinking Water State Revolving Fund  
Loan Program and Set-Aside Programs

# Intended Use Plan

State Fiscal Year 2012



Approved by the Missouri Safe Drinking Water Commission - May 19, 2011



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

Cover Photo: Darwin Duzan and Kelley Timmons enjoy a cold glass of water. According to [www.water.org](http://www.water.org), the average American uses 176 gallons of water per day.



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director


## DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

### MEMORANDUM

DATE: JUN 07 2011

TO: Applicants and Interested Parties

FROM: John Madras, Director   
Water Protection Program

SUBJECT: State Fiscal Year 2012 Drinking Water State Revolving Fund Loan Program and Set-Aside Programs Intended Use Plan

Attached is the State Fiscal Year 2012 Drinking Water State Revolving Fund (DWSRF) Intended Use Plan (IUP) and Priority List that was adopted by the Safe Drinking Water Commission on May 19, 2011. It is also available at <http://dnr.mo.gov/env/wpp/srf/drinkingwater-assistance.htm>. This document briefly describes the loan programs administered by the Missouri Department of Natural Resources, Water Protection Program, and identifies applicants that have requested inclusion in those programs.

Applications submitted by the November 15, 2010 deadline were considered in the competitive review and approval process. Projects were assigned to a Fundable List or the Planning List based upon their priority ranking as described in State regulation. Submittal of the required documents and securing appropriate debt instruments were also used to determine which projects would most likely be ready to proceed to the construction phase. Projects with high priority, complete facility plans, and debt instruments secured were placed highest on the funding lists. The lists are designed to be a dynamic part of the Intended Use Plan. By expediting submittal of the facility plan and securing the appropriate debt instrument, a community's project may move from one list to another during the fiscal year subject to available funds.

Missouri has been informed by the U.S. Environmental Protection Agency that the Green Project Reserve requirement has been carried forward to this funding cycle. Not less than 20 percent of the funds made available under the 2010 and 2011 capitalization grants must be used to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities.

Therefore, the Department continues to solicit green projects and requests applicants to identify the green components of their projects in order to meet this 20 percent reserve. Applicants are encouraged to contact Department staff early in the planning process to determine the eligibility of green projects (or components).

Missouri is required to match the Federal funds received to operate the DWSRF. Federal funds will be matched by State funds from the proceeds of the sale of State Environmental Improvement and Energy Resources Authority (EIERA) bonds. Of the EIERA bonds sold to generate 100 percent of the project costs, an appropriate percentage is clearly identified as State match.

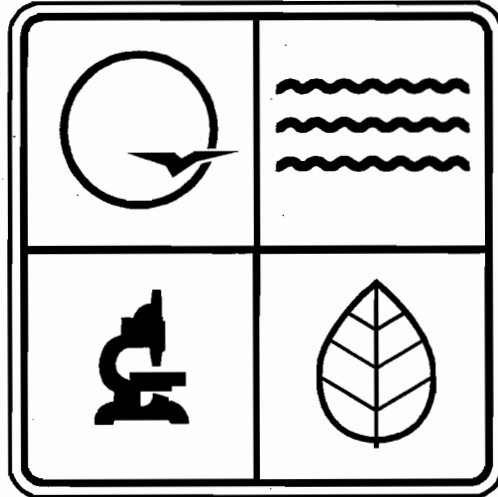
Also included in the IUP, is the State Fiscal Year 2013 Drinking Water State Revolving Fund (DWSRF) application. The DWSRF application must be received by November 15, 2011 in order to be considered for placement in next year's IUP.

Please note that the amount of the Federal Fiscal Year (FFY) 2011 capitalization grant is only an estimate. At the time the Intended Use Plan was adopted, the States allotment of the Federal Fiscal Year 2011 DWSRF appropriation was not known.

Should you have any questions or need additional assistance, please call 573-751-1192 or Department of Natural Resources, Water Protection Program, Financial Assistance Center, P.O. Box 176, Jefferson City, MO 65102-0176. Thank you.

JM/dgm

Attachment



## **INTENDED USE PLAN**

# **DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM And SET-ASIDE PROGRAMS FOR STATE FISCAL YEAR 2012 (JULY 1, 2011 to JUNE 30, 2012)**

**Adopted May 19, 2011**

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



**INTENDED USE PLAN  
STATE FISCAL YEAR 2012 DRINKING WATER STATE REVOLVING FUND  
LOAN PROGRAM & SET-ASIDE PROGRAMS  
PROGRAM APPLICATION FORMS & INSTRUCTIONS**

Table of Contents

	<u>Page</u>
<b><u>Part I. The Drinking Water State Revolving Fund (DWSRF) Program</u></b>	
I. Introduction	1
II. Goals and Objectives	1
III. Allocation of Drinking Water Capitalization Grant	2
IV. DWSRF Infrastructure Assistance Program	3
Table 1. - State Fiscal Year 2012 Intended Use Plan Source and Distribution of Loan and Grant Funds	10
V. Description of the Loan Programs	10
Table 2. – Source and Distribution of Funds - Loan Administration Fees – Summary	12
VI. Additional Recipient Provisions	12
<b><u>Part II. DWSRF Set-Asides</u></b>	14
Table 3. – Distribution of Set-Aside Funds	14
<b><u>Attachments to Part 1 DWSRF Loan Program</u></b>	
Attachment A—Missouri’s Comprehensive List and Fundable Project Lists for Drinking Water State Revolving Fund Loans for State Fiscal Year 2012	19
• Comprehensive List	21
• Distribution of Available Loan Funds	25
• Very Small Community Reserve Fundable List	26
• Small Community Reserve Fundable List	27
• General Community Reserve Fundable List	28
• Planning List	29

Table of Contents (continued)

Attachment B--Sources and Distribution of Loan Funds – Detail	33
Attachment C--Source and Distribution of Funds – Loan Administration Fees – Detail	35
Attachment D –DWSRF Loan Application Package for SFY 2012	37
I. Missouri Drinking Water State Revolving Fund Application	
II. Drinking Water State Revolving Fund Loan Application Instructions	
III. Facility Plan Checklist	
IV. Priority Point Criteria	
V. Readiness to Proceed and Distribution of Funds Criteria	

## **Part I. THE DRINKING WATER STATE REVOLVING FUND (DWSRF) PROGRAM**

### **I. INTRODUCTION**

Providing safe 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 the federal Drinking Water State Revolving Fund. Through calendar year 2010 the department has awarded low interest loans and grants totaling approximately \$294 million to drinking water systems for infrastructure improvements. This DWSRF Intended Use Plan (IUP) describes the proposed use of funds reserved for financial assistance for drinking water infrastructure improvements for State Fiscal Year (SFY) 2012 (July 1, 2011 to June 30, 2012).

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

In compliance with the requirement in SDWA sec. 1452(b)(1) to provide for public review and comment, this Intended Use Plan was placed on public notice in draft form at [www.dnr.mo.gov](http://www.dnr.mo.gov) and a public meeting to receive comments was held in Jefferson City, Missouri on May 17, 2011.

### **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 goals are proposed to improve program services and investment returns. An assessment of these goals is included in the programs Biennial Report. The following sections present the current strategies for program improvement.

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

Goal: Protect public health by ensuring that all Missouri citizens will have water that is always safe to drink.

Goal: Provide below-market rate financial assistance while assuring the perpetual nature of the program.

Goal: Explore ways to make the program more affordable/desirable to systems.

Goal: Ensure the long-term viability of existing and proposed water systems.

Goal: Protect source water for drinking water systems.

Goal: 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):**

Goal: Maximize the use and impact of available loan funds for eligible projects in accordance with the priorities and procedures described in this plan, utilizing sound financial management.

Goal: 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.

Goal: Continue to assist water systems in meeting SDWA requirements.

Goal: Encourage projects to consolidate or interconnect in a regional manner which would reduce public health risks or make more efficient use of source water capacity and treatment processes.

Goal: 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 15, 2011).

Goal: Coordinate with the EPA in conducting the fifth national assessment of public drinking water systems 20 year capital infrastructure needs survey.

Goal: Continue to identify projects that qualify for Green Project Reserve Funding, in accordance with Federal guidance.

**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) 2011.

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 1.93 percent of these funds.

**A. Capitalization Grant Allocation for Missouri's DWSRF Program**

This federal appropriation will be used to fund DWSRF loans, grants, and authorized set aside activities for SFY 2012. The amount of the FFY 2011 capitalization grant for Missouri is expected to be \$15,816,000. The department will reserve 69 percent (\$10,913,040) of the FFY 2011 capitalization grant for DWSRF loans and grants. The department will reserve up to 31 percent (\$4,902,960) for authorized set-aside activities as described in Part II (the set-aside section) of this intended use plan. If the department does not reserve the full 31 percent for set-aside activities, the difference will be used for loans.

**B. Additional Subsidization**

The previous capitalization grant (FFY 2010) required that not less than 30 percent of the \$26,234,000 capitalization grant shall be used to provide additional subsidies. An amendment to the Missouri Safe Drinking Water Regulations effective on January 30, 2010, allows for additional subsidies in the form of principal forgiveness, negative interest loans, grants, or any combination thereof per any federal act. The Department reserved 30 percent (\$7,986,575) of the FFY 2010 capitalization grant for additional subsidies in the form of grants. These grant funds were fully committed to fundable projects as described in the SFY 2011 DWSRF Intended Use Plan. The Department intends to continue to reserve any carry over grant funds to carry over projects unless modified as described in this intended use plan.

At the time this document was drafted, the federal budget has not been approved, and much uncertainty remains. For SFY 2012, the Department does not expect any additional funds will be available for additional subsidization from future capitalization grants. If any future capitalization grant does require additional subsidization of projects, it will be allocated using the guidelines described in paragraph IV.B.

**C. Green Project Reserve**

At the time this document was drafted, the federal budget has not been approved, and it is not certain if a green project reserve will be required. For SFY 2012, the Department does not plan to reserve any funding to specifically address green projects. However, if a future capitalization grant does require a specific amount be reserved for green projects, then the department will work to identify projects or portions of projects that address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. The methodology is discussed further in paragraph IV.C.

**IV. DWSRF INFRASTRUCTURE ASSISTANCE PROGRAM**

**A. DWSRF Loans**

The main financial assistance for drinking water infrastructure improvements 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.

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.

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 the Department of Natural Resources. These revolving funds can then be used again to support new construction projects.

Prior to state fiscal year 2010, the program was leveraged through the use of a reserve fund model. General Obligation or Revenue bonds are used to secure a borrower's proposed debt. The bonds were purchased and resold nationally by the Environmental Improvement and Energy Resources Authority (EIERA). The funds generated by the sale of the bonds were deposited with a trustee bank in the applicant's name and are used for construction.

As construction costs were incurred, state and federal funds are deposited into a reserve account in an amount equal to 70 percent of cost. Interest was earned on the reserve through Guaranteed Investment Contracts (GIC), which was then credited to the interest portion of the debt service of the bonds thereby providing the interest subsidy to the recipient. Due to recent economic conditions, GICs are no longer available. During SFY 2011, the State Revolving Fund program transitioned to a 'hybrid cash flow model loan program'.

Under the 'hybrid cash flow model loan program', the Department of Natural Resources purchases the debt obligations of the participants directly. As construction progresses funds are released to the participant so the construction costs can be paid. Upon completion of the project, the loans are adjusted to reflect the final loan amount. The repayments of these "direct loans" are then pledged to the EIERA. At such time as the State Revolving Fund program needs to replenish their funding the EIERA exercises their authority to sell bonds. The proceeds of this sale are deposited into the State Revolving Fund program account. The principal and interest payments on the EIERA bonds are secured through the pledge of the direct loan repayments from previous State Revolving Fund program participants.

The department continues to work with the SRF finance team to refine the new program structure, and will continue to evaluate possible future program structures to ensure the program provides a stable source of funding for drinking water infrastructure projects well into the future.

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

#### **B. Additional Subsidies**

Due to uncertainties in the federal budget, the Department does not expect any additional funds will be available for additional subsidization from future capitalization grants. However, if any future capitalization grant does provide for additional subsidies, the Department will use the following guidance to allocate those subsidies.

DWSRF projects will be funded through a combination of 50 percent grant and 50 percent loan with a maximum grant of \$2 million per applicant. The Department further

proposes to offer an even higher percentage grant for disadvantaged communities. Per 10 CSR 60-13.020, a disadvantaged community is any community with a population of less than 3,300, whose user rates will be at or above 2 percent of the state median household income (MHI) and the recipient MHI is at or below 75 percent of the state average MHI. Projects for a disadvantaged community will be funded through a combination of 75 percent grant and 25 percent loan with a maximum grant of \$2 million per applicant.

The intent of the DWSRF program is to target, as much as possible, the additional subsidized monies to communities that could not otherwise afford an SRF loan. To meet this goal, the use of grant funds will be committed to projects using the following criteria listed in order of priority.

1. Projects serving disadvantaged communities on any fundable list based on priority ranking in the order of highest ranking to the lowest ranking;
2. Projects on the Very Small Community 20% Reserve Fundable List based on priority ranking;
3. Projects on the Small Community 15% Reserve Fundable List based on priority ranking; and
4. Projects on the General Community 65 percent Reserve Fundable List based on priority ranking.

#### **C. Green Project Reserve**

The previous capitalization grant (FFY 2010) required that not less than 20 percent of the \$26,234,000 capitalization grant shall be used for projects that address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. The Department reserved DWSRF funds for loans and/or grants in the amount of not less than 20 percent (\$5,246,800) of the FFY 2010 capitalization grant to fund projects or portions of projects that address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. The Department intends to continue to reserve any carry over funds to carry over projects unless modified as described in this intended use plan.

If a green project reserve is required, Department staff will work directly with DWSRF applicants to identify project and/or components of projects that address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. The fundable list contained in Attachment A (Missouri Fundable Projects for DWSRF Loans for SFY 2012) designates the amount of each carry over fundable project that meets the green project reserve criteria per EPA's guidance as well as identifies the type of green documentation. Approved business cases for non-categorical project will be posted to the Financial Assistance Center's web site.

During the screening of applications and engineering review process, green projects and components of projects were identified per EPA's guidance. Green documentation will be provided to EPA for approval if required.

#### **D. Solicitation of DWSRF Loan Applications for SFY 2012**

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. Both criteria are contained in the 2011 IUP which was approved by the commission on June 22, 2010. Subsequently the Department made the DWSRF application package available to the public with an initial application receipt deadline of November 16, 2010. 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.

#### **E. Assistance to Small Communities**

Missouri law requires that at least 35 percent of the of the monies credited to the DWSRF program 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 2012) 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.

#### **F. Priority System**

The Department prioritized new loan projects received in SFY 2011 using the Priority Point Criteria, approved by the SDWC.

Projects carried over from the SFY 2011 IUP retain the points they received under the criteria in effect at the time unless they reapplied for consideration under the criteria on November 16, 2010. 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.

#### **G. 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 in Attachment D. Readiness to Proceed is defined as the condition when an applicant has submitted to the Department a complete facility plan for approval 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 IV.H.1. and 2. Projects that do not meet Readiness to Proceed will be placed on a Planning List as described in Subparagraph IV.H.3.

## **H. 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 2012." The Department, after appropriate public notice and with the approval of the 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 2011 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.

## **I. 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 any 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". 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).

To facilitate the timely and expeditious use of available DWSRF funds, eligible applications that are not received in time to be placed on the project lists adopted by the SDWC and received before September 1, 2011 will be evaluated upon receipt. By amendment, the SDWC will place the new project(s) on the appropriate project list in accordance with paragraph IV.H.

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 IV.J. 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 3 of the IUP for DWSRF Set-aside programs.
- c. 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.

**J. 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, 2012. Recovered funds will be immediately available for contingency projects in accordance with paragraph IV.I.

**K. 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.

**L. Transfer of Loan Funds from the DWSRF to the CWSRF**

Section 302 of the Safe Drinking Water Act Amendments of 1996 authorized the transfer of funds between the Drinking Water State Revolving Fund and the Clean Water State Revolving Fund. In State Fiscal Year 2001 the Department, with the approval of the Safe Drinking Water Commission and the Clean Water Commission, transferred \$10,475,000 from the CWSRF to the DWSRF. The transfer was made to off set the anticipation of excessive demand for DWSRF loan funds with a portion of the large, unobligated loan fund balance in the CWSRF at the time.

In State Fiscal Year 2011 there was an unprecedented demand for loans through the CWSRF. As a result, the Department recommended and the Commissions approved the transfer of \$10,475,000 from the DWSRF repayment fund to the CWSRF repayment fund, as reimbursement for the previous transfer of funds and to help meet the demand for CWSRF loans. The Department, with prior approval from the SDWC and the CWC, reserves the right to make additional transfers in the future.

**M. Estimation of Available DWSRF Loan Funds**

The Department expects to have approximately \$70.6 million in loan funds and \$7,986,575 in grant funds available in resources for financing during SFY 2012. The loan funds estimate includes carry-over funds from previous years, repayments, interest earnings on investments of DWSRF resources and 69 percent of the estimated federal capitalization grant for FFY 2011. Table 1 shows the total amount of the Project Loan Funds available for loans in this IUP as of October 31, 2010. The Department will reserve \$100,000 from the FFY 2010 federal capitalization grant for an independent audit in cooperation with the Environmental Protection Agency.

Table 1.

<b>STATE FISCAL 2012 INTENDED USE PLAN SOURCE AND DISTRIBUTION OF LOAN AND GRANT FUNDS As of December 31, 2010</b>			
<b>Description</b>	<b>Current</b>	<b>Anticipated</b>	<b>Balance</b>
Capitalization Grant Funds			
FFY2006	\$ 1,426,725		
FFY2007	\$ 11,928,223		
FFY2008	\$ 11,703,840		
FFY2009	\$ 11,703,840		
FFY2010	\$ 18,101,460		
FFY2011		\$ 10,913,040	
<b>Total Capitalization Grant Funds</b>	<b>\$ 54,864,088</b>	<b>\$ 10,913,040</b>	<b>\$ 65,777,128</b>
Repayment Funds *	\$ 11,749,046	\$ 7,240,284	\$ 18,989,330
2010A State Bond Refinancing Savings		\$ 395,604	\$ 395,604
<b>Total Funds Available</b>	<b>\$ 66,613,134</b>	<b>\$ 18,548,928</b>	<b>\$ 85,162,062</b>
Loan Commitments	\$ (871,520)		\$ (871,520)
Direct Loan Commitments	\$ (5,085,103)		\$ (5,085,103)
Committed for ARRA Projects	\$ (28,450)		\$ (28,450)
2010B Debt Service		\$ (533,506)	\$ (533,506)
Grants (From FFY 2010 Cap Grant)	\$ (7,986,575)		\$ (7,986,575)
Independent Audit	\$ (100,000)		\$ (100,000)
<b>Total Estimated Funds</b>	<b>\$ 52,541,486</b>	<b>\$ 18,015,422</b>	<b>\$ 70,556,908</b>

\* Repayment Funds include the 2010B State Match Bond Proceeds.

#### **N. Solicitation of DWSRF Loan Applications for SFY 2013**

In SFY 2012 the department will solicit loan applications for DWSRF loan funds available in SFY 2013. 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 D contains the loan application package for SFY 2013. The package includes the application form and instructions, Priority Point Criteria and Readiness to Proceed Criteria. The initial application receipt deadline for SFY 2013 applications is **November 15, 2011**. Applications received by that date, that meet Readiness to Proceed Criteria, will receive priority for funding over those received after that date.

**Carryover projects in the SFY 2012 IUP are not eligible to compete for SFY 2013 funding unless reapplication is made by November 15, 2011.**

#### **V. DESCRIPTION OF THE LOAN PROGRAMS**

##### **A. Construction Loan**

The borrower receives a long-term interest rate of 30 percent of the open market rate at the time of 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.

## **B. 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 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 by providing additional security to bondholders, which enhances bond ratings and lowers borrowing costs without increasing risks. 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.

## **C. State Match**

Of the EI ERA bonds sold to generate 100 percent of the project cost, an appropriate percentage is clearly identified as state match. The remaining amounts are referred to as leveraged bonds. At the time of a debt service payment, all interest earnings are first used toward the match bond debt service. Any remaining earnings are used to pay debt service on leveraged bonds.

## **D. Loan Fee**

The Department of Natural Resources will charge an annual loan fee that is calculated as 0.5 percent on the outstanding loan balance. The recipient will pay the loan fees to the Department.

## **E. Distribution of Loan Administration Fees**

The fees charged by the Missouri DWSRF program are not included as principal in loans. Dependent upon the source of the loan, as well as the timing of the receipt of the administration fee, the administration fee is considered to be program income. As shown in the following table, the administration fees collected are considered as:

- program income earned during the Capitalization Grant period;
- program income earned after the Capitalization Grant period, or;
- non-program income.

"During the grant period" is defined as "the time between the effective date of the grant award and the ending date of the award reflected in the final grant financial report."

Fees charged by the Missouri DWSRF program are deposited into an account outside of the DWSRF Fund. In accordance with federal regulations, fees charged by the Missouri DWSRF program may be used for program administration or other purposes for which capitalization grants can be awarded.

Table 2.

<b>Source And Distribution Of Funds</b>			
<b>Loan Administration Fees</b>			
	Program Income Earned During Grant Period	Program Income Earned After Grant Period	Non-Program Income
Balance as of 12/31/10	\$ 4,155,302	\$ 2,083,019	\$ 178,395
Income			
Anticipated (01/01/11 thru 06/30/11)	\$ 233,291	\$ 227,239	\$ 19,461
Anticipated (07/01/11 thru 06/30/12)	\$ 466,581	\$ 454,476	\$ 38,923
Total Anticipated Income	\$ 699,872	\$ 681,715	\$ 58,384
Projected Expenses (01/01/11 thru 06/30/11)			
Program Administration	\$ 27		
Projected Expenses for FY 12			
Program Administration	\$ 54		
Total Anticipated Expenses	\$ 81	\$ -	\$ -
Estimated Balances	\$ 4,855,093	\$ 2,764,734	\$ 236,779

## **VI. Additional Recipient Provisions**

### **A. Prevailing Wage Rates:**

#### **Davis-Bacon Act Requirements:**

The FFY-2010 Interior and Environment Appropriation (P.L. 111-88) and subsequent continuing resolutions require that all agreements to provide assistance for construction projects meeting the requirements of section 1450(e) of the Safe Drinking Water Act (42 U.S.C. 300j-9(e)) carried out in whole or in part with assistance made available through the Drinking Water State Revolving Fund as authorized by section 1452 of that Act (42 U.S.C. 300j-12), contain a term or condition requiring the compliance with the requirements of section 513 of that Act (33 U.S.C. 1372) in all procurement contracts. The purpose of this language is to apply the Davis-Bacon Act wage rules to all assistance agreements executed on or after October 30, 2009.

All laborers and mechanics employed by contractors and sub contractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to the Act shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code. With respect to the labor standards specified in this section, the Secretary of Labor shall have

the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 (64 Stat. 1267; 5 U.S.C.App.) and section 3145 of title 40, United States Code.

The U.S. Department of Labor provides all pertinent information related to compliance with the Davis-Bacon Act including labor standards, prevailing wage rates and instructions for reporting.

The Department will not supply wage rates for the projects. It will be the responsibility of each recipient to obtain the correct wage rates and to maintain compliance with them throughout the project.

Missouri Department of Labor and Industrial Relations Requirements:

In accordance with Chapter 290 RSMo., projects receiving financial assistance for any construction project carried out in whole or in part with assistance made available through the DWSRF, must comply with the requirements of the Missouri Department of Labor and Industrial Relations.

The Department will not supply annual wage orders (wage determinations) for the projects. It will be the responsibility of each recipient to obtain the correct wage orders and to maintain compliance with them throughout the project.

**B. Grant Requirements**

The regulations at 40 CFR Part 31 apply to grants and cooperative agreements awarded to State and local (including tribal) governments. The regulations at 40 CFR Part 30 apply to grants with nonprofit organizations and with non-governmental for-profit entities. Note that the latter grants cannot be made with DWSRF funds except to eligible public water systems.

## **Part II. DWSRF SET-ASIDES**

Federal appropriations for the DWSRF program are used primarily to fund low interest loans to public drinking water systems for high priority infrastructure projects. However, the Safe Drinking Water Act allows states to reserve up to 31 percent of the federal capitalization grant to fund authorized activities that support public drinking water program activities. This is referred to as the DWSRF Set-Asides.

Activities supported by the Set-Asides include supplemental funding to support the state primacy program, capacity development, wellhead protection, operator certification, and providing technical and financial assistance to public water systems. Set-aside activities are implemented and managed by the Public Drinking Water Branch (PDWB).

The purpose of this section of the DWSRF IUP is to indicate how the Department intends to use the Set-Asides that will be available from the FFY 2011 capitalization grant.

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

The Department intends to reserve 31 percent of the FFY 2011 capitalization grant for Set-Asides and will deposit those funds in a separate account. Table 3 shows the intended distribution of these Set-Asides.

Table 3. Distribution of Set-Aside Funds

Set-Aside Activities	% Cap. Grant	Amount
DWSRF Administration and Technical Assistance	4%	\$632,640
Small System Technical Assistance	2%	\$316,320
PWSS State Program Management	10%	\$1,581,600
Local Assistance and Other State Programs	15%	\$2,372,400
Total	31%	\$4,902,960

The Department reserves the right to bank unused Set-Asides from the anticipated FFY 2011 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 percent of the capitalization grant for these purposes.

The Department is reserving the entire 4 percent 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 and
- 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

This Set-Aside is used for providing technical assistance to public water systems that serve 10,000 or fewer people. PDWB intends to continue using this Set-Aside to assist small public water systems in:

- locating and obtaining funding for infrastructure improvements,
- complying with existing and near-term SDWA requirements,
- obtaining engineering reports and facility plans, and
- other technical assistance activities that will improve compliance with safe drinking water requirements.

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 PWSS Set-aside can be used for:

- Primacy program support,
- Administering or providing technical assistance through source water protection programs,
- Developing and implementing a capacity development strategy, and
- Operator certification.

The Department has used and intends to continue using this Set-Aside for these authorized activities.

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.

Examples of the activities funded by this Set-aside include:

- inspections and sanitary surveys,
- technical assistance,
- research into emerging contaminants,
- contract lab support,
- capacity development strategy development and implementation, and
- source water protection plan review and approval.

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 Programs Authorized by Section 1452(k) of the SDWA

The SDWA allows states to set aside up to 15 percent of the capitalization grant for:

- source water protection loans;
- assistance, including technical and financial assistance, to any public water system as part of a capacity development strategy; and
- expenditures for the establishment and implementation of wellhead protection programs compliant with section 1428 of the SDWA.

The Department has considered establishing a source water protection loan program but has not done so. None of this capitalization grant will be set aside for those source water protection loans. The Department reserves the right to amend the IUP for such purposes in the future.

The Department intends to use this Set-aside to provide technical and financial assistance to public water systems as part of the capacity development strategy and for wellhead protection. The Department is setting aside 15 percent of the FFY 2011 capitalization grant for these purposes. Excess funds that are not encumbered in a timely manner, at the sole discretion of the department, may be transferred to the loan program.

The types of activities the Department may fund with this Set-Aside include but are not limited to:

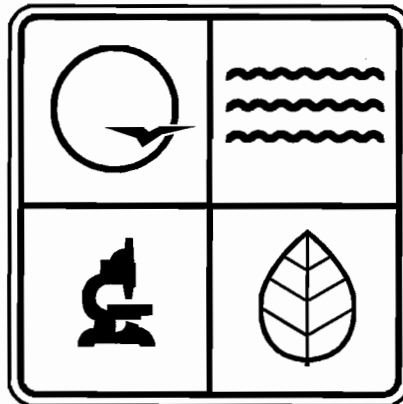
- Assistance to public water systems for establishment and implementation of wellhead or source water protection measures;
- Plugging of abandoned drinking water wells;
- Assistance to public water systems with obtaining engineering reports and facility plans;
- Developing standard engineering drawings for non-community water systems;
- Assisting systems with determining cost-effective options for meeting maximum contaminant levels; for example, 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;
- Updating contaminant site inventories to include new public wells and new or emerging contaminants;
- Education and outreach materials and training sessions on water system technical, managerial, or financial capacity issues or wellhead protection;
- Assistance to public water systems with development of regional solutions to solve capacity issues;
- Technical and financial assistance to public water systems to evaluate unaccounted for water loss; and

- Other activities as appropriate to implement the capacity development strategy or promote wellhead protection.

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**Missouri's Comprehensive List and Fundable Project Lists for  
Drinking Water State Revolving Fund Loans  
for  
State Fiscal Year 2012**

Proposed March 4, 2011



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

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## COMPREHENSIVE LIST

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

		Priority Points	Applicant	SRF #	Population Served	Loan Request
		112	Barton, Dade, Cedar, Jasper Co. PWSD #1	DW291316-01	8,382	\$5,800,000
*		110	Bucklin	DW291288-01	524	\$684,500
		105	Maysville	DW291325-01	1,212	\$3,470,585
*	X	105	Chariton-Linn PWSD #3	DW291250-01	9,500	\$102,100
*		104	Bronaugh	DW291248-01	245	\$613,616
*		100	Archie	DW291142-02	890	\$2,082,351
*	X	96	Sikeston	DW291188-01	16,992	\$15,000,000
*	X	95	Osage County PWSD #3	DW291216-01	1,350	\$1,392,565
*	X	88	Jefferson County Water Authority	DW291310-01	14,005	\$1,270,608
*		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. PWSD #1	DW291244-01	4,370	\$6,658,000
*		80	McDonald County PWSD #3	DW291252-01	650	\$323,245
		78	Cameron	DW291193-04	14,000	\$981,000
*	X	75	Rogersville	DW291276-01	3,047	\$1,276,891
*		75	West Plains	DW291286-01	10,866	\$3,885,160
*		75	Cass Co. PWSD #10	DW291249-02	2,610	\$1,231,000
		75	Atchison Co. PWSD #1	DW291318-01	800	\$781,750
		75	Jackson Co. PWSD #16	DW291319-01	4,480	\$7,500,000
*		73	New Madrid	DW291211-01	4,000	\$7,156,000
*	X	70	Clarksburg	DW291234-01	390	\$680,000
		69	Dexter	DW291320-01	7,545	\$10,100,000
*		67	Chillicothe - High Service Pumps	DW291251-01	13,141	\$80,000
		67	Linn	DW291162-04	1,430	\$2,000,000
*		66	Jackson	DW291192-02	13,514	\$14,826,000
*	X	66	Platte Co. PWSD #3	DW291315-01	1,200	\$2,153,241
*		64	Linn	DW291162-02	1,430	\$2,000,000
*	X	63	Poplar Bluff	DW291204-02	16,651	\$2,221,000
*		62	Belton	DW291314-01	10,574	\$6,096,570
*		60	Creighton	DW291257-01	300	\$1,396,000
*		59	Walnut Grove	DW291285-01	630	\$271,714
*		58	Kansas City – Renovation of Filter Galleries A&B	DW291264-14	650,000	\$15,750,000
*		55	Cameron	DW291193-02	18,000	\$10,550,000
*		55	Ralls County PWSD #1	DW291275-01	6,500	\$1,351,560
*		55	Hawk Point	DW291299-01	324	\$1,481,011
*	X	55	Cass County PWSD #11	DW291313-01	2,560	\$1,446,000
*		54	Clark Co. #1	DW291301-01	6,800	\$1,308,924
*		54	Barnett	DW291294-01	281	\$388,123
*		53	Jefferson County Consolidated PWSD #1	DW291256-01	31,795	\$5,242,000
*		52	Andrew County PWSD #3	DW291246-01	1,031	\$707,008
		52	Auxvasse	DW291222-02	901	\$416,000
*		50	Fairfax	DW291295-01	645	\$876,993
*		49	Boone County #9 – Tank	DW291247-02	11,100	\$106,576
		48	Tri State Utilities	DW291298-01	8,600	\$5,296,227
*	X	47	Columbia - New Alluvial Well #16	DW291014-15	101,413	\$315,000

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

		Priority Points	Applicant	SRF #	Population Served	Loan Request
*		45	Martinsburg	DW291241-01	326	\$665,000
*		45	Peculiar	DW291272-01	4,700	\$2,717,000
*	X	45	Laurie	DW291312-01	663	\$306,915
*		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
*		43	Dent County PWSD #1	DW291309-01	980	\$1,000,000
		42	Jefferson County PWSD #12	DW291324-01	3,000	\$2,018,800
*		42	Columbia – Hiller Rd 16" Loop	DW291014-05	101,413	\$3,265,000
*	X	41	Webb City	DW291269-01	9,812	\$486,481
		41	Moniteau Co. PWSD #2	DW291323-01	1,325	\$1,408,100
*		40	Ash Grove	DW291237-01	1,500	\$2,000,000
*	X	40	Neosho	DW291308-01	10,505	\$9,500,000
*		40	Walker	DW291311-01	145	\$596,400
*		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" Main Emanuel Cleaver	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
		38	Clarence Cannon Wholesale Water Commission – North Lake Crossing	DW291070-05	42,000	\$527,360
		38	Clarence Cannon Wholesale Water Commission – Moberly Tank	DW201070-06	42,000	\$1,159,780
*	X	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
*	X	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	5,105	\$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
*	X	32	Columbia – Old Mill Creek RD Looping	DW291014-07	101,413	\$450,000
*		31	Cassville	DW291300-01	2,890	\$26,850

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

	Priority Points	Applicant	SRF #	Population Served	Loan Request
	31	Moniteau County PWSD #2	DW291323-01	1,325	\$1,408,100
*	X 30	Crestwood West PWSD #2 (Barry Co. PWSD #2)	DW291228-01	182	\$400,000
*	30	Concordia	DW291255-01	2,360	\$1,747,500
	30	Oak Grove	DW291317-01	7,036	\$5,417,800
	30	Thayer	DW291321-01	2,201	\$800,000
	30	Jefferson Co. PWSD #8	DW291322-01	3,500	\$669,500
*	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	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
	28	Clarence Cannon Wholesale Water Commission – Holliday Booster Pump Station	DW291070-07	42,000	\$527,360
*	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 PWSD #10	DW291249-01	2,070	\$349,582
*	X 22	Stockton	DW291282-02	1,960	\$1,149,473
	22	Jefferson County PWSD #12 – Refinance	DW291324-02	3,000	\$365,650
*	21	Cass County PWSD #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
*	19	Jackson PWSD #2	DW291262-02	15,000	\$905,100
*	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 Arsenal	DW291280-04	341,381	\$2,507,000
*	17	St. Louis – Historic Water Tower Repairs	DW291280-06	341,381	\$617,500
*	X 17	Columbia – Backup Power Generator	DW291014-14	101,413	\$500,000

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

		Priority Points	Applicant	SRF #	Population Served	Loan Request
*		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
		12	Lake Ozark	DW291194-03	2,370	\$726,150
		12	Lake Ozark - Refinance	DW291194-04	2,370	\$1,884,900
*		11	Buckner	DW291238-01	2,784	\$4,743,000
		8	Tri State Utilities	DW291298-02	8,600	\$4,591,016
*	X	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	\$424,983,305

**DISTRIBUTION OF AVAILABLE LOAN FUNDS**

From Table 1 of Section IV, the total estimated funds available for DWSRF loans for SFY 2012 is \$70,556,908. 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 4 Distribution of Available Funds

	Loan	Grant
Very small community (20%)	\$ 14,111,382	\$7,986,575
Small Community (15%)	\$ 10,583,536	\$0
General Community (65%)	\$ 45,861,990	\$0
<b>Total Available Funds</b>	<b>\$ 70,556,908</b>	<b>\$7,986,575</b>

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

Available from 20% Reserve	<b>Grant</b>
Transfer to 15% Reserve	\$7,986,575
Transfer to 65% Reserve	\$3,850,673
	<b>Loan</b>
	\$14,111,382
	\$0
	\$6,375,028
<b>TOTAL AVAILABLE FROM RESERVES:</b>	<b>\$4,135,902</b>

	Priority Points	Applicant	DWSRF#	Pop.	Description / Needs	Problem Code	Amount Requested	Loan	Grant	Green Amount
* X	95	Osage Co. PWSD #3	DW291216-01	1,350	Source, Stor	3	\$1,392,565	\$696,283	\$696,282	\$0
* X	70	Clarksburg	DW291234-01	390	Stor, Dis	3	\$680,000	\$340,000	\$340,000	\$400,000 Business Case
* X	66	Platte Co. PWSD #3	DW291315-01	1,200	Dis	3	\$2,153,241	\$1,076,621	\$1,076,620	\$0
* X	64	Linn	DW291162-04	1,430	Source, Stor, Dis	3	\$2,000,000	\$1,000,000	\$1,000,000	\$300,000 Business Case
* X	55	Cass Co. PWSD #11	DW291313-01	2,560	Dis	3	\$1,446,000	\$723,000	\$723,000	\$0
	52	Auxvasse	DW291222-01	901	Well	3	\$416,000	\$416,000	\$0	\$0
	42	Jefferson County PWSD #12	DW291324-01	3,000	Dis	3	\$2,018,800	\$2,018,800	\$0	\$0
* X	30	Crestwood West PWSD #2	DW291228-01	182	Dis	3	\$600,000	\$300,000	\$300,000	\$7,800 Categorical Case
	30	Thayer	DW291321-01	2,201	Stor	3	\$800,000	\$800,000	\$0	\$0
	22	Jefferson County PWSD #12	DW291324-02	3,000	Dis	Refinance	\$365,650	\$365,650	\$0	\$0
<b>Total Funds Requested</b>							<b>\$11,872,256</b>	<b>\$7,736,354</b>	<b>\$4,135,902</b>	<b>\$707,800</b>
* - Carried over from the last IUP			X - Fundable in the last IUP			D - Disadvantaged			G - Green Infrastructure	
TP - Treatment			Stor - Storage			Dis - Distribution			Rehab - Rehabilitation	
1 - Compliance			2 - Public Health			3 - Future Regulatory Violation Expected				

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

	Loan	Grant
Available from 15% Reserve	\$10,583,536	\$0
Transfer from 20% Reserve	\$0	\$3,850,673
Transfer to 65% Reserve	\$5,627,423	\$1,607,433
<b>TOTAL AVAILABLE FROM RESERVES:</b>	<b>\$4,956,113</b>	<b>\$2,243,240</b>

	Priority Points	Applicant	DWSRF#	Pop.	Description / Needs	Problem Code	Amount Requested	Loan	Grant	Green Amount
* X	41	Webb City	DW291269-01	9,812	Dis	3	\$486,481	\$243,241	\$243,240	\$0
*	G 33	Desloge	DW291258-01	5,105	Dis, Stor	3	\$6,043,372	\$4,043,372	\$2,000,000	\$4,956,250 Business Case
	30	Jefferson Co. PWSO #8	DW291322-01	3,500	Well, Dis	3	\$669,500	\$669,500	\$0	\$0
<b>Total Funds Requested</b>							<b>\$7,199,353</b>	<b>\$4,956,113</b>	<b>\$2,243,240</b>	<b>\$4,956,250</b>
* - Carried over from the last IUP			X - Fundable in the last IUP			D - Disadvantaged			G - Green Infrastructure	
TP - Treatment			Stor - Storage			Dis - Distribution			Rehab - Rehabilitation	
1 - Compliance			2 - Public Health			3 - Future Regulatory Violation Expected				

**GENERAL COMMUNITY 65% RESERVE FUNDABLE LIST  
FUNDS AVAILABLE**

Available from 65% Reserve	\$45,861,990	Grant	\$0
Transfer from 20% Reserve	\$6,375,028		\$0
Transfer from 15% Reserve	\$5,627,423		\$1,607,433
<b>TOTAL AVAILABLE FROM RESERVES:</b>	<b>\$57,864,441</b>		<b>\$1,607,433</b>

	Priority Points	Applicant	DWSRF#	Pop.	Description / Needs	Problem Code	Amount Request	Loan	Grant	Green Amount	
* X	105	Chariton-Linn Co. PWSD #3	DW291250-01	9,500	Stor, Dis	3	\$102,100	\$102,100	\$0	\$0	
* X	88	Jefferson Co. Water Authority	DW291310-01	14,005	TP	3	\$1,270,608	\$635,304	\$635,304	\$0	
* X	75	Rogersville	DW291276-01	3,047	Well, Stor, Dis	3	\$1,276,891	\$638,446	\$638,445	\$0	
* X	75	Cass Co. PWSD #10	DW291249-02	2,610	Dis, Stor	3	\$1,231,000	\$897,316	\$333,684	\$0	
* X	63	Poplar Bluff	DW291204-02	16,651	Dis, Stor, Well, TP	3	\$2,221,000	\$2,221,000	\$0	\$0	
* X	47	Columbia - Well #16	DW291014-15	101,413	Source	3	\$315,000	\$315,000	\$0	\$0	
* X	45	Laurie	DW291312-01	663	Dis	3	\$306,915	\$306,915	\$0	\$0	
* X	40	Neosho	DW291208-01	10,505	TP, Dis	3	\$9,500,000	\$9,500,000	\$0	\$0	
* X	37	Columbia - Hilldale	DW291014-06	101,413	Dis, Stor	3	\$1,240,000	\$1,240,000	\$0	\$0	
* X	34	Warsaw	DW291293-01	2,075	Source, Dis	3	\$2,831,470	\$2,831,470	\$0	\$0	
* X	32	Columbia - Old Mill Creek RD	DW291014-07	101,413	Dis	3	\$450,000	\$450,000	\$0	\$0	
* X	22	Stockton	DW291282-02	1,960	Source	3	\$1,149,473	\$1,149,473	\$0	\$0	
* X	17	Columbia - Backup Generator	DW291014-14	101,413	Source	3	\$500,000	\$500,000	\$0	\$0	
* X	7	Columbia - WTP Switchgear	DW291014-16	101,413	TP	3	\$160,000	\$160,000	\$0	\$0	
							Total Funds Requested	\$22,554,457	\$20,947,024	\$1,607,433	\$0
							Total Remaining Uncommitted Funds	\$36,917,417	\$0	\$0	\$0
* - Carried over from the last IUP		X - Fundable in the last IUP			D - Disadvantaged				G - Green Infrastructure		
TP - Treatment		Stor - Storage			Dis - Distribution				Rehab - Rehabilitation		
1 - Compliance		2 - Public Health			3 - Future Regulatory Violation Expected						

**Planning List**

*Note: A table explaining the abbreviations and codes appears on page 32.*

Priority Points	Applicant	DWSRF #	Population	Description	Problem Code	Needs Category	Loan Request
112	Barton, Dade, Cedar, Jasper Co.s PWSD #1	DW291316-01	8,382	Stor, Dis	3	III, IV	\$5,800,000
*	Bucklin	DW291288-01	524	Dis, Refinance	3	IV	\$ 684,500
105	Maysville	DW291325-01	1,212	Dis	1	IV	\$3,470,585
*	Bronaugh	DW291248-01	245	Stor, Dis, Source	3	I, III, IV	\$ 613,616
*	Archie	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
*	Raintree Plantation	DW291291-01	2,240	Source, Stor	3	I, III	\$75,508
*	Howard Co. Regional Water Commission	DW291306-01	5,500	Source, TP, Stor, Dis	3	I, II, III, IV	\$10,478,600
*	Gallatin	DW291240-01	3,100	TP	3	II	\$3,750,000
83	Lincoln Co. PWSD #1	DW291244-01	4,370	Well, Stor, Dis	3	I, III, IV	\$6,658,000
*	McDonald Co. PWSD #3	DW291252-01	650	Source, Dis	3	I, IV	\$323,245
78	Cameron	DW291193-04	14,000	TP	3	II	\$981,000
75	West Plains	DW291286-01	10,866	Source, Dis Stor	3	I, III, IV	\$3,885,160
75	Atchison Co. PWSD #1	DW291318-01	800	Dis	3	IV	\$781,750
75	Jackson Co. PWSD #16	DW291319-01	4,480	Source	3	I	\$7,500,000
73	New Madrid	DW291211-01	4,000	TP, Stor, Dis	3	II, III, IV	\$7,156,000
69	Dexter	DW291320-01	7,545	Well, TP, Stor, Dis	3	I, II, III, IV	\$10,100,000
*	Chillicothe – High Service Pump	DW291251-01	13,141	Dis	3	IV	\$80,000
67	Linn	DW291162-04	1,430	Well, Stor, Dis	3	I, III, IV	\$2,000,000
66	Jackson	DW291192-02	13,514	Well, TP, Stor, Dis	3	I, II, III, IV	\$14,826,000
62	Belton	DW291314-01	10,574	Stor, Dis	3	III, IV	\$6,096,570
60	Creighton	DW291257-01	300	Stor, Dis	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	Cameron	DW291193-02	18,000	Stor, Dis	3	III, IV	\$10,550,000
55	Falls Co. PWSD #1	DW291275-01	6,500	Dis	3	IV	\$1,351,560
55	Hawk Point	DW291299-01	324	Source, Stor Dis,	3	I, III, IV	\$1,481,011
54	Clark Co. PWSD #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. PWSD #1	DW291256-01	31,795	Dis, Stor	3	III, IV	\$5,242,000
52	Andrew Co. PWSD #3	DW291246-01	1,031	Dis	3	IV	\$707,008
50	Fairfax	DW291295-01	645	Dis	3	IV	\$876,993
49	Boone Co. PWSD #9 – Tank	DW291247-02	11,100	Stor	3	III	\$106,576
48	Tri State Utilities	DW291298-01	8,600	Source, Stor, Dis	3	I, III, IV	\$5,296,227
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. PWSD #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

Note: A table explaining the abbreviations and codes appears on page 32.

Priority Points	Applicant	DWSRF #	Population	Description	Problem Code	Needs Category	Loan Request
*	Dent Co. PWSD #1	DW291309-01	980	Stor, Dis	3	III, IV	\$1,000,000
*	Columbia – Hiller Road Loop	DW291014-05	101,413	Dis	3	IV	\$3,265,000
*	Moniteau Co. PWSD #2	DW291323-01	1,325	Well, Stor, Dis	3	I, III, IV	\$1,408,100
*	Ash Grove	DW291237-01	1,500	Dis	3	IV	\$2,000,000
*	Walker	DW291311-01	275	TP, Dis	3	I, IV	\$596,400
*	Boone Co. PWSD #9 – Well	DW291247-03	11,100	Source	3	I	\$50,187
*	Boone Co. PWSD #9 – Booster PS	DW291247-01	11,100	Dis	3	IV	\$50,375
*	Kansas City – Water Main Repair	DW291264-18	650,000	Dis	3	IV	\$1,241,150
*	Kansas City – Brush Creek	DW291264-16	650,000	Dis	3	IV	\$1,153,600
*	Kansas City – Arrowhead Phase 2	DW291264-03	650,000	Dis	3	IV	\$16,065,940
*	Kansas City – 24" Main Emanual Cleaver	DW291264-01	650,000	Dis	3	IV	\$654,050
*	Kansas City – Railroad Bridge	DW291264-13	650,000	TP	3	II	\$1,225,700
*	Kansas City – Maplewoods	DW291264-11	650,000	Dis	3	IV	\$2,531,108
*	Kansas City – Botts RD/Federal Complex	DW291264-06	650,000	Dis	3	IV	\$13,081,000
*	Kansas City – 1-435 & Front St.	DW291264-10	650,000	Dis	3	IV	\$ 249,260
*	Kansas City – Main Replacements	DW291264-19	650,000	Dis	3	IV	\$10,886,624
*	Kansas City – Waukomis PS	DW291264-20	650,000	Dis	3	IV	\$2,595,600
*	Kansas City – 72 Inch Main Phase 1	DW291264-02	650,000	Dis	3	IV	\$8,214,250
*	Kansas City – Water Intake Valve	DW291264-17	650,000	Source	3	I	\$6,410,000
*	Clarence Cannon Wholesale Water Auth. – Lake Crossing	DW291070-05	42,000	Dis	3	IV	\$527,360
*	Clarence Cannon Wholesale Water Auth. – Moberly Tank	DW291070-06	42,000	Stor	3	III	\$1,159,780
*	Columbia – 24" Main South Section	DW291014-02	101,413	Dis	3	IV	\$6,700,000
*	Columbia – 24" Main North Section	DW291014-03	101,413	Dis	3	IV	\$4,495,000
*	Columbia – Route PP 12" Main	DW291014-04	101,413	Dis	3	IV	\$2,340,000
*	Kansas City – New North PS	DW291264-12	650,000	Dis	3	IV	\$2,278,300
*	Audrain Co. PWSD #2	DW291304-01	2,500	Dis	3	IV	\$513,146
*	Shelbyville	DW291297-01	664	Dis	3	IV	\$337,526
*	Shelbina	DW291305-01	1,943	Dis	3	IV	\$1,040,901
*	Stockton	DW291282-01	1,960	Dis, Stor	3	I	\$1,882,018
*	Jackson Co. PWSD #2	DW291262-01	15,000	Dis	3	IV	\$3,649,000
*	Monett	DW291303-01	8,835	Dis	3	IV	\$2,934,985
*	St. Louis – Chain Of Rocks WTP	DW291280-03	341,381	TP	3	II	\$599,460
*	Cassville	DW291300-01	2,890	Dis, Stor	3	III, IV	\$26,850
*	Concordia	DW291255-01	2,360	Dis	3	IV	\$1,747,500
*	Oak Grove	DW291317-01	7,036	Stor, Dis	3	III, IV	\$5,417,800
*	Kansas City – Small Main	DW291264-15	650,000	Dis	3	IV	\$9,549,130
*	Jackson Co. PWSD #1	DW291289-01	25,000	Dis	3	IV	\$1,502,821
*	Kansas City – Tank Rehabilitation	DW291264-08	650,000	Stor	3	III	\$2,090,000
*	Chillicothe – Well	DW291251-03	13,141	Source	3	I	\$124,000

Note: A table explaining the abbreviations and codes appears on page 32.

Priority Points	Applicant	DWSRF #	Population	Description	Problem Code	Needs Category	Loan Request
*	Sparta	DW291277-01	1,600	Dis	3	IV	\$997,780
*	Pleasant Hill	DW291274-01	7,500	Dis	3	IV	\$250,922
28	Clarence Cannon Wholesale Water Auth. – Holiday Booster Pump Station	DW291070-07	42,000	Dis	3	IV	\$527,360
*	St. Louis – Central City Phase 1	DW291280-01	341,381	Dis	3	IV	\$548,300
*	St. Louis – Hampton Ave.	DW291280-05	341,381	Dis	3	IV	\$2,168,150
*	St. Louis – North City Phase 1	DW291280-09	341,381	Dis	3	IV	\$1,024,000
*	St. Louis – South City Phase 1	DW291280-10	341,381	Dis	3	IV	\$669,200
*	Jefferson Co. PWSD #1	DW291263-01	20,000	Dis	3	IV	\$180,250
*	Kansas City – Blue Ridge PS	DW291264-05	650,000	Dis	3	IV	\$779,710
*	Kansas City – Emergency Generator	DW291264-09	650,000	Dis	3	IV	\$2,941,670
*	St. Louis – Stacy Park Reservoir	DW291280-11	341,381	Dis	3	IV	\$1,271,100
*	Chillicothe – Meters	DW291251-02	13,141	Dis	3	IV	\$987,500
*	Village of Diggins	DW291253-01	298	Source	3	I	\$42,200
*	South Greenfield	DW291292-01	160	Source	3	I	\$75,400
*	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. PWSD #10	DW291249-01	2,070	Dis	3	IV	\$349,582
21	Cass Co. PWSD #4	DW291307-01	1,500	Stor	3	III	\$158,188
19	Leadwood	DW291296-01	1,247	TP, Dis, Stor	3	II, III, IV	\$904,700
19	Nixa – Distribution	DW291271-01	18,000	Dis	3	IV	\$428,896
19	Lexington	DW291057-02	4,435	TP, Dis, Stor	3	II, III, IV	\$12,921,000
19	Jackson Co. PWSD #2	DW291262-02	15,000	Dis	3	IV	\$905,100
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 – 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
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
14	Springfield – Blackman WTP Phase2	DW291278-01	154,777	TP	3	II	\$1,218,865
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
12	Lake Ozark	DW291194-03	2,370	Dis	3	IV	\$726,150

Note: A table explaining the abbreviations and codes appears on page 32.

Priority Points	Applicant	DWSRF #	Population	Description	Problem Code	Needs Category	Loan Request
12	Lake Ozark - Refinance	DW291194-04	2,370	Refinance			\$1,884,900
*	Buckner	DW291238-01	2,784	Well, TP, Stor, Dis	3	I, II, III, IV	\$4,743,000
8	Tri State Utilities	DW291298-01	8,600	Source, Stor, Dis	3	I, III, IV	\$4,591,016
*	Liberty – Well & Lime Storage Silo	DW291268-01	28,303	Source, TP	3	I, II	\$1,435,000
*	Springfield – Stockton PS Phase 2	DW291278-05	154,777	Source	3	I	\$11,255,000
*	Springfield – Stockton PS	DW291278-04	154,777	Source	3	I	\$1,745,000
*	Lee's Summit	DW291267-01	92,000	Dis	3	IV	\$1,751,000
						Total	\$382,149,139

\* Carried over from previous IUP

### Abbreviations and Codes

Abbreviations	Problem Codes	Need Category Codes
TP - Treatment	1 - Compliance	I - Source
Stor - Storage	2 - Public Health	II - Treatment
Dis - Distribution	3 - Future Regulatory Violation Expected	III - Storage
Inter - Interconnection		IV - Transmission/Distribution

**Sources and Distribution of Funds Detail  
Capitalization Grant and Loan Repayments  
(As of December 31, 2010)**

**Estimated Sources of Funds**

FFY 2006 DW SRF Capitalization Grant (federal portion only)	1,426,725	
FFY 2007 DW SRF Capitalization Grant (federal portion only)	11,928,223	
FFY 2008 DW SRF Capitalization Grant (federal portion only)	11,703,840	
FFY 2009 DW SRF Capitalization Grant (federal portion only)	11,703,840	
FFY 2010 DW SRF Capitalization Grant (federal portion only)	18,101,460	
FFY 2011 DW SRF Capitalization Grant (not yet awarded, federal portion only)	10,913,040	
2010A State Bond Refinancing Savings	395,604	
Loan Repayment Fund (Balance in Fund 0602 - balance on 12/31/10) *	11,749,046	
Estimated Investment Interest on Repayment Fund (01/01/11 - 06/30/11)	213,099	
Reserve Release (01/01/11 - 07/01/11)	5,821,397	
Direct Loans - Principal and Interest Repayments (01/01/11 - 07/01/11)	<u>1,205,788</u>	
Total Estimated Sources of Funds		85,162,062

**Estimated Fund Commitments**

Binding Loan Commitments (Balance of Reserve Payable 12/31/10)	(871,520)	
Base Program Funds Committed for ARRA projects	(28,450)	
Binding Loan Commitments (Balance of Project Payable Report 12/31/10)	(5,085,103)	
2010B Debt Service	(533,506)	
Grants (From FFY 2010 Cap Grant)	(7,986,575)	
Independent Audit	<u>(100,000)</u>	
Total Commitments		(14,605,154)

**Estimated Amount of Available Funds for Loans**

70,556,908

\* The Loan Repayment Fund includes the proceeds of the 2010B State Match Bonds.

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<b>SOURCE AND DISTRIBUTION OF FUNDS</b>			
<b>LOAN ADMINISTRATION FEES</b>			
<b>Fund 0568</b>			
<b>As of December 31, 2010</b>			
<b>Income</b>	<b>Program Income Earned During Grant Period</b>	<b>Program Income Earned After Grant Period</b>	<b>Non-Program Income</b>
Beginning Balance as of 07/01/10	\$ 4,023,290	\$ 1,685,750	\$ 122,442
FY11 Income (thru 12/31/10)	\$ 116,149	\$ 389,501	\$ 55,301
FY11 Interest Earnings (thru 12/31/10)	\$ 15,863	\$ 7,768	\$ 652
Subtotal	\$ 4,155,302	\$ 2,083,019	\$ 178,395
<b>Expenses thru 12/31/10</b>			
FY11 Expense & Equipment	\$ -	\$ -	\$ -
FY11 Transfers	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ -	\$ -
Income Less Expenses	\$ 4,155,302	\$ 2,083,019	\$ 178,395
<b>Estimated Income</b>			
FY11 Income (01/01/11 - 06/30/11)	\$ 188,236	\$ 218,226	\$ 19,063
FY11 Interest Income (01/01/11 - 06/30/11)	\$ 45,055	\$ 9,013	\$ 398
FY12 Income (07/01/11 - 06/30/12)	\$ 376,471	\$ 436,451	\$ 38,127
FY12 Interest Income (07/01/11 - 06/30/12)	\$ 90,110	\$ 18,025	\$ 796
Subtotal	\$ 699,872	\$ 681,715	\$ 58,384
<b>Estimated Expenditures</b>			
FY11 Expense & Equipment (01/01/11 - 06/30/11)	\$ 21	\$ -	\$ -
FY11 Transfers (01/01/11 - 06/30/11)	\$ 6	\$ -	\$ -
FY12 Expense & Equipment (07/01/11 - 06/30/12)	\$ 42	\$ -	\$ -
FY12 Transfers (07/01/11 - 06/30/12)	\$ 12	\$ -	\$ -
Subtotal	\$ 81	\$ -	\$ -
Total Actual and Estimated	\$ 4,855,093	\$ 2,764,734	\$ 236,779

NOTE: The distribution of loan administration fees to various department activities is subject to change throughout the state fiscal year. Actual fund uses will be shown in detail in the SFY 2011-2012 Drinking Water State Revolving Fund Biennial Report.

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**DWSRF Loan Application Package**  
**For SFY 2013**  
**(July 1, 2012 to June 30, 2013)**

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

**FOR OFFICE USE ONLY**

DATE RECEIVED
PROJECT 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		DUNS NO.	
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 INCLUDING THOSE COMPONENTS THAT MAY BE CONSIDERED AS "GREEN". (ATTACH A SEPARATE SHEET, IF NECESSARY)

7. ESTIMATED PROJECT COST INFORMATION		8. BREAKDOWN OF STATE REVOLVING FUND ELIGIBLE COST PER DESIGNATED CATEGORIES:	
<b>Cost Estimate Dated:</b>		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>	<b>\$0</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)	\$	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>AMOUNT OF LOAN REQUEST</b> (Balance plus Cost of Issuance)	\$		
<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 \$
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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.
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**PREPARER'S NAME AND SIGNATURE (IF APPLICABLE)**

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: Any funding assistance is subject to all State Revolving Fund requirements. Potential applicants should contact the Financial Assistance Center prior to completing and submitting an application. 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. The applicant is the entity that will receive the loan funds, if awarded. Prior to receiving a loan, the entity must have a DUNS (Data Universal Numbering System) number. The DUNS number is a nine digit number established and assigned by Dun and Bradstreet Inc., or D&B, to uniquely identify business entities. A DUNS number is available from D&B by telephone (currently 866-705-5711) or on the Internet (currently at <http://fedgov.dnb.com/webform>).
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. Provide a brief project description. Green project components may include the following:
  - Management of stormwater runoff at the local level through the use of natural systems, or engineered systems that mimic natural systems, to treat polluted runoff.
  - Water or energy efficiency improvements.
  - Environmentally innovative activities.
7. Supply the cost estimates for the project. Land acquisition and easements are eligible for a Drinking Water State Revolving Fund Loan. Call the Financial Assistance Center at 573-751-1192 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. 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:** 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**

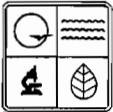
- Sign the application and attach any information that will enable the department to prioritize your drinking water needs.
- If you are using funds from U.S. Department of Agriculture - Rural Development or Department of Economic Development - Community Development Block Grant Program, be certain you 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 573-751-1192  
FAX: 573-751-9396  
[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)
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**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 Readiness to Proceed and Distribution of Funds Criteria

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Approved by the Safe Drinking Water Commission - May 19, 2011

## General Information

In order to assure best use of the drinking water loan funds in a reasonably expeditious manner, the department 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

Readiness to Proceed criteria will be used to determine fundable status and the distribution of 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. For the purpose of determination of Readiness to Proceed, 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, or IUP.

## Maximum Loan Limit

The maximum amount for a DWSRF loan from any single plan 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, or DWIUP, as either fundable, fundable contingency or planning. Projects designated as fundable are those projects that the department has committed to finance with available or anticipated state revolving funds under the DWIUP. 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 serving 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 serving 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 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 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 the contingency 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.

#### **By-Pass Procedures**

The department may by-pass any project on the fundable list that does not make satisfactory progress toward meeting requirements. Procedures for by-passing projects are contained in 10CSR 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.
- 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.

- C. The current debt is not that of another state or federal agency.
- 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 a refinancing or refunding project has not followed the DWSRF 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  
Water Protection Program  
P.O. Box 176  
Jefferson City, MO 65102-0176  
800-361-4867 or 573-751-1300  
[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

## Priority Points Criteria

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### General Information

The department must prepare annually a document called the Drinking Water State Revolving Fund, or DWSRF, Intended Use Plan that includes lists of proposed projects expected to qualify for financing within the fiscal year addressed by the plan. 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 plan 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 Act 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 had 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 in order 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 plan do not guarantee all financial and project eligibility requirements have been met.

## Priority Points

### Safe Drinking Water Act Compliance

Only projects for existing eligible public water systems will be assigned points under this section. See the attached list, *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 attached list, *SDWA Compliance Priority Points: Existing and Anticipated Regulations* (for example, 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 attached list, *SDWA Compliance Priority Points: Existing and Anticipated Regulations*.
- 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.

### 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 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 DNR-approved wellhead protection plan or watershed protection plan.

**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

$(\$20/\$2000) \times 100\% = 1\%$

$1\% \times 10 = 10$  points

### **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 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**

### **Maximum Contaminant Levels 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

## **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).

### **Groundwater 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 Enhanced Surface Water Treatment Rule 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 Disinfectants/Disinfection By-Products Rule 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**

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Jefferson City, MO 65102-0176  
800-361-4827 or 573-751-1300  
[www.dnr.mo.gov/env/wpp/index.html](http://www.dnr.mo.gov/env/wpp/index.html)





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