

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

Matt Blunt, Governor • Doyle Childers, Director

www.dnr.mo.gov

MEMORANDUM

DATE: JUL 27 2007

TO: Interested Parties

FROM: Edward Galbraith, Director  
Water Protection Program *EG*

SUBJECT: Governor Blunt's Clean Water Initiative

On June 20, 2007, Governor Matt Blunt announced the sale of \$50 million in Water Pollution Control Bonds for drinking water and wastewater infrastructure needs statewide.

Funding will be allocated to the following four programs:

- Forty Percent State Construction Grants for wastewater related projects;
- Rural Sewer Grants for rural and special needs communities;
- Rural Drinking Water Grants and special needs communities; and
- Direct Loans for water or wastewater projects

In order to better facilitate the distribution of these funds, the department is in the process of revising various state regulations and has also developed new application forms. In anticipation of the receipt of these funds in November 2007, I am attaching a fact sheet for each funding program and the appropriate application. Should you have any questions regarding these programs, please contact Ms. Joy Reven or Mr. Doug Garrett, of the Department of Natural Resources, Financial Assistance Center at (573) 751-1192 or P.O. Box 176, Jefferson City, MO 65102-0176.

EG/jr/mp

Attachments

**Missouri Department of Natural Resources  
Forty Percent State Construction Grant Program**

**Description:**

Forty Percent State Construction grants are for the construction of wastewater collection and treatment systems. Public entities that do not qualify for a loan for the total eligible project costs from the Clean Water State Revolving Fund Program are eligible for funding. Eligible recipients are generally unsewered communities, water districts and sewer districts with populations under 1,000.

The grants cover up to 40% of the eligible costs of a project. The balance of the eligible costs and all the ineligible costs must come from another funding source. The department can provide a loan to cover the remaining 60% of the eligible costs of a project. Eligible costs are generally the costs of engineering, construction on publicly held land, and equipment. These grants cannot be used for administration, land or easement costs, and legal costs. If you are not certain about the eligibility of a cost, please contact this office at (573) 751-1192 for a preliminary determination.

The maximum grant amount will be increased from \$1 million to \$2 million when the final rulemaking is effective on October 30, 2007.

**Legal Authority:**

Funding for this program is made available via State Water Pollution Control Bond Funds per Missouri Constitution, Article III, Section 37(e). The grants are awarded in accordance with State Regulation 10 CSR 20-4.023. This regulation is currently being revised and is anticipated to become effective October 30, 2007.

**Application Process:**

An application form is enclosed. Applications are accepted at any time. However, all applications received by November 15 are compiled and rated annually. Applicants seeking funding from the Missouri Department of Economic Development, Community Development Block Grant Program and/or the United States Department of Agriculture, Rural Development Program should submit their application to the Department of Natural Resources, Financial Assistance Center at the same time that a funding proposal is submitted to the Missouri Water and Wastewater Review Committee.

**Selection Process:**

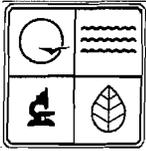
Applications are prioritized based on the project's environmental impact, in accordance with the priority point system established in 10 CSR 20-4.010.

Qualifying applications received by November 15 are compiled in priority point order in the Clean Water State Revolving Fund Intended Use Plan and State Grant and Loan Priority List (IUP) the following January. This list is presented to the Missouri Clean Water Commission annually. The commission will select the highest rated projects, taking into consideration readiness to proceed, when allocating available funds. The final IUP is effective on July 1 (seven months after the application deadline).

The applications for the State Forty Percent Grant Program which were received by November 15, 2006 are in the State Fiscal Year 2008 Clean Water State Revolving Fund Intended Use Plan and State Grant and Loan Priority List. This IUP is effective July 1, 2007. The projects on the Fundable list will be funded with a portion of the available bond funds.

**Contact Information:**

Department of Natural Resources  
Financial Assistance Center (please mention "40% Grants" when calling)  
Post Office Box 176  
Jefferson City, MO 65102-0176  
(573) 751-1192, Fax (573) 751-9396  
[joy.reven@dnr.mo.gov](mailto:joy.reven@dnr.mo.gov)



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 WATER PROTECTION PROGRAM  
 FINANCIAL ASSISTANCE CENTER  
**CLEAN WATER STATE REVOLVING FUND APPLICATION**

APPLICANT INFORMATION			THIS SPACE FOR OFFICE USE ONLY		
APPLICANT NAME:			Priority Points	Project Number	FY
ADDRESS:			LOAN AND/OR GRANT AMOUNT REQUESTED: (Note: Grant Amount cannot be increased later.)		
CITY:	STATE:	ZIP CODE:	PROJECT LOCATION:		
TYPE:			CITY:	COUNTY:	
<input type="checkbox"/> INCORPORATED MUNICIPALITY <input type="checkbox"/> PUBLIC WATER/SEWER DISTRICT <input type="checkbox"/> OTHER:			STATE REP. DISTRICT NUMBER(S):		
			STATE SENATE DISTRICT NUMBER(S):		
PROJECT MANAGER (LOCAL GOVERNMENT OFFICIAL)			CONSULTING ENGINEER		
NAME:			NAME:		
TITLE:			FIRM:		
ADDRESS:			ADDRESS:		
CITY:	STATE:	ZIP CODE:	CITY:	STATE:	ZIP CODE:
TELEPHONE: ( )			TELEPHONE: ( )		
PROJECT DESCRIPTION (Please include site maps if available):					
LIST PERMIT NUMBER(S) OF WATER OR WASTEWATER FACILITIES AFFECTED BY THIS PROJECT (If Applicable) Please note if the facility is to be eliminated by this project.					
POPULATION OF PROJECT AREA:			POPULATION OF POLITICAL SUBDIVISION:		
ESTIMATED 20 YEAR PROJECT AREA POPULATION:					
PROJECTED NEW CONNECTIONS AT PROJECT COMPLETION:					
NON-PERMITTED FACILITIES TO BE ELIMINATED BY THIS PROJECT:					
NAME		POPULATION SERVED		TYPE & CONDITION OF FACILITY	

<b>DESCRIPTION OF PROBLEM TO BE ADDRESSED BY PROJECT INCLUDING:</b>					
Estimated volume of sewage bypassed:		million gallons per day			
Frequency of bypass events:		per year			
Description of known downstream water quality problems, health effects and land use concerns:					
Downstream water body affected:		Lake	Stream		
Number or percentage of failed septic tanks:		Number	% of Total		
Description of conditions resulting from failed septic tanks:					
<b>OTHER INFORMATION REGARDING PROBLEMS ADDRESSED</b>					
<b>NOTE: A map showing facilities to be eliminated, location of bypassing, lift stations, relief sewers and boundaries of unsewered areas must be included.</b>					
<b>ESTIMATED COST:</b>		<b>ELIGIBLE</b>	<b>NON-ELIGIBLE</b>	<b>TOTAL</b>	<b>COST BREAKDOWN FOR DESIGNATED CATEGORIES</b>
Development and Administration					I. Secondary Treatment
Land & Easements					II. Advanced Treatment
*Engineering Planning and Design					III.A. Inflow/Infiltration Correction
*Engineering During Construction					IIIB. Sewer Rehab
*Resident Inspection					IVA. Collection Sewers
*Construction					IVB. Interceptor Sewers
*Equipment					V. Combined Sewer Overflow Correction
**Other Costs					
<b>TOTAL PROJECTS COSTS</b>					<b>TOTAL CONSTRUCTION COSTS</b>
*Generally these costs are eligible. **SRF Loan closing costs (about 3%) are eligible.					
<b>PROPOSED FINANCING:</b>				Anticipated date for bond election:	
SRF LOAN AND/OR 40% GRANT:		\$		Debt Instrument:  General Obligation Bonds: Revenue Bonds:  *Other:	
APPLICANT CONTRIBUTION:		\$			
OTHER GRANTS AND LOANS:		\$			
(Specify)		\$			
		\$			
<b>TOTAL:</b>		<b>\$</b>		*Not SRF Loan Eligible	
<b>To the best of my knowledge and belief, the data in this application are true and correct, and its submission has been duly authorized by the governing body of the applicant.</b>					
SIGNATURE:			DATE:		NAME AND TITLE (Please Print or Type):

## **Missouri Department of Natural Resources Rural Sewer Grant Program**

### **Description:**

Rural sewer grants can be used for two types of wastewater construction projects:

- Rural Sewer Grants are restricted to unsewered projects and fund collection systems.
- Special Needs Grants will be used to fund the additional costs of meeting more stringent EPA or DNR requirements for wastewater treatment. Costs of upgrades to meet ammonia limits and disinfection requirements are examples of costs that could be funded up to 50% through this type of grant.

Public sewer districts, public water districts and communities of less than 10,000 population and not located, in whole or in part, in an area of St. Louis County or City encircled by Interstate Route 270, or in an area of Jackson, Clay or Platte counties encircled by State Routes 150 and 291 and Interstate Routes 29 and 635 are eligible to apply.

The grants cover up to 50% of the eligible costs of a project. The balance of the eligible costs and all the ineligible costs must come from another funding source. When applying for this funding, the applicant must indicate the other funding sources. If you are not certain about the eligibility of a cost, please contact this office at (573) 751-1192 for a preliminary determination.

The maximum grant amount is the lesser of 50% of the eligible project cost or \$1,400 times the number of service connections. When the grant is to fund a collection system, the maximum grant is based on the number of new service connections. Grants are capped at \$500,000.

### **Legal Authority:**

Funding for this program is made available via State Water Pollution Control Bond Funds per Missouri Constitution, Article III, Sections 37(e) and (g). The grants are awarded in accordance with State Regulation 10 CSR 20-4.030. This regulation is currently being revised and is anticipated to become effective October 30, 2007.

### **Application Process:**

An application form is attached. Applications are accepted at any time. Applicants seeking funding from the Missouri Department of Economic Development, Community Development Block Grant Program and/or the United States Department of Agriculture, Rural Development Program should submit their application to the Department of Natural Resources, Financial Assistance Center at the same time that a funding proposal is submitted to the Missouri Water and Wastewater Review Committee.

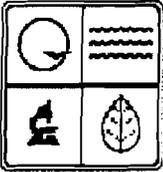
### **Selection Process:**

Applications are prioritized based on the project's readiness to proceed, operating permit compliance schedule, and financial capability. Preference is given to those applicants receiving funding through other funding programs administered by the Department of Natural Resources.

Successful applicants will be notified in writing. Because of the Internal Revenue System requirements on the state bonds that fund these grants, the successful applicant must be proceeding with the projects in a timely fashion.

### **Contact Information:**

Department of Natural Resources  
Financial Assistance Center (please mention "Rural Sewer Grants" when calling)  
Post Office Box 176  
Jefferson City, MO 65102-0176  
(573) 751-1192, Fax (573) 751-9396  
[joy.reven@dnr.mo.gov](mailto:joy.reven@dnr.mo.gov)



**Missouri Department of Natural Resources  
Water Protection Program  
RURAL SEWER GRANT APPLICATION**

Submit to: P.O. Box 176, Jefferson City, MO 65102-0176  
Attn: Financial Assistance Center

<i>Office Use Only</i>	
Date Received	_____
Grant Number	_____

**Applicant Information**

- Name of Applicant: \_\_\_\_\_ County: \_\_\_\_\_
- Mailing Address: \_\_\_\_\_  
\_\_\_\_\_
- Authorized Representative: \_\_\_\_\_
- Telephone Number \_\_\_\_\_ Fax Number: \_\_\_\_\_
- Consulting Engineer: \_\_\_\_\_
- Population (current census) \_\_\_\_\_ Population of Area to be Served \_\_\_\_\_
- Anticipated Primary Sources of Funding (attach evidence of funding commitments if available)  
\_\_\_\_\_  
\_\_\_\_\_

**Project Information**

- Grant type (please check one) Special Needs:  Collection for Unsewered Area:
- Project Description (Attach Engineering Report as submitted to Missouri Water and Wastewater Review Committee if applicable)  
\_\_\_\_\_  
\_\_\_\_\_
- State Senate District for Project \_\_\_\_\_ State Representative District for Project \_\_\_\_\_

11. **Cost Estimates:**

Engineering planning and design	
Engineering (Construction Phase)	
Engineering Inspection	
Construction (special needs)	
Construction (non special needs)	
Equipment	
Other Costs (specify) _____	
Contingencies	
Total Project Costs	

12. **Calculate Rural Sewer Grant Amount:**

A. \$1,400 x Number of Connections \$ \_\_\_\_\_  
(For Special Needs Grants, the number of connections equals the existing service connections. For New Collection Grants, the number of connections equals the connections to be served.)

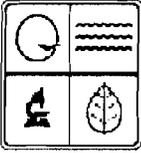
B. Number of Contracted Users \_\_\_\_\_

C. Number of Potential Users \_\_\_\_\_

D. Ratio of Contracted to Potential Users \_\_\_\_\_ %  
(Must be at least 75%)

13. **Anticipated Funding:**

Total Costs	Applicant Contribution	Rural Sewer Grant	Other DNR Grant	Other DNR Loan	Other Federal or State Assistance
\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Percentage of Total Costs	_____ %	_____ %	_____ %	_____ %	_____ %



**Missouri Department of Natural Resources**  
**Water Protection Program**  
**RURAL SEWER GRANT APPLICATION**

**Applicant Financial Information**

14. A. Median Household Income (*from census*) \_\_\_\_\_
- B. Low-to-Moderate Income Designation (LMI) -- please check "yes" if more than 50% Yes \_\_\_\_ No \_\_\_\_
- C. Current Monthly Sewer Use Rate (for 5,000 gallons) \_\_\_\_\_
- D. Current Monthly Drinking Water Rate (for 5,000 gallons) \_\_\_\_\_
- E. Sewer Revenues for most recent year ended \_\_\_\_\_ (date) \_\_\_\_\_
- F. Sewer Operating Expenditures for most recent year \_\_\_\_\_

**Project Schedule (Readiness to Proceed)**

15. Milestone	Anticipated Date
A. Engineering Design 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 (from permit compliance schedule) ( <i>special needs grants only</i> )	_____

**Board Training**

16. Please list any board training(s) related to wastewater utility management attended in the last three years.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Certification:**

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

\_\_\_\_\_  
 Signature of Authorized Representative

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Name and Title (*Please print or type*)

\_\_\_\_\_  
 Telephone Number

**Missouri Department of Natural Resources, Water Protection Program**  
**RURAL SEWER GRANT APPLICATION**

*Instructions*

1. Print or type the name of the applicant.
  2. Include a street address if available.
  3. The authorized representative is the person designated by the grant applicant to sign official documents and to speak for the applicant on project related matters.
  4. Fill in a telephone number that will be answered during work day hours.
  5. Include a fax number if available.
  6. Show the population of the entire service area. The "population to be served" will be different from the census population if the project is to sewer a portion of the municipality or district.
  7. This grant cannot provide more than 50% of the total project cost. The grant applicant must have secured the primary funding in order to be considered for a grant. List the primary source(s) of funds.
  8. Special Needs Grants are available to communities of less than 10,000 population, public water supply districts, and public sewer districts that must meet more stringent operating permit requirements.  
Unsewered Collection Grants are available to communities of less than 10,000 population, public water supply districts, and public sewer districts that are providing collection sewers to an unsewered area.
  9. Provide a brief project description.
  10. Provide the state senate district and state representative district numbers for the project area.
  11. Supply the cost estimates for the project. On Special Needs Grants, the cost of the necessary upgrade should be shown separately from any other construction costs that will be done. Attach a separate sheet if necessary.
  12. Special Needs Grants are the lesser of \$1,400 per connection served or 50% of the costs of the necessary upgrade or \$500,000.  
Unsewered Collection Grants are the lesser of \$1,400 per new connection or 50% of the collection project or \$500,000
  13. Please calculate the grant amount and put this amount in item 13 under the "Rural Sewer Grant" column
  14. In the event that applications are greater than available funds, this financial information will be considered:
    - 14 A. The median household income is based on the most recent census
    - 14 B. If your community is low-to-moderate income (LMI) by census or if you have conducted an LMI survey and qualify as LMI please check yes
    - 14 C. Fill in the current rate for 5,000 gallons. Use the proposed rate if the project area is currently unsewered.
    - 14 D. This number is used to determine the financial burden to the community/district. If the project area does not have water please write in "no public water system."
    - 14 E. Show the total revenues for the most recent year. Please show when the accounting year ended if the fiscal year used is not the calendar year. If this is a new system, write in "new system."
    - 14 F. Show the total expenditures for the sewer system for the same time period shown in 14.E.
  15. In order to award funds to projects that will use the funds expeditiously, we need this information.
    - 15 A. Fill in the date the engineering design was completed or the anticipated date.
    - 15 B. Fill in the last date that the last piece of the financial package was secured or the anticipated date.
    - 15 C. Fill in the date that the construction plans and specifications are expected to be complete.
    - 15 D. Fill in the expected construction start date.
    - 15 E. If this application is for special needs to meet more stringent state operating requirements, please fill in the date shown in the compliance schedule on the state operating permit.
  16. Please list any board trainings related to wastewater management that your utility board members have attended in the last three years.
- 
- ✓ Sign the application, attach any additional information that will enable the department to prioritize your wastewater needs.
  - ✓ If you are applying for funds through the Missouri Water and Wastewater Committee, attach a copy of that application and a copy of the Preliminary Engineering Report.
  - ✓ If you are not using funds from USDA Rural Development or Department of Economic Development Community Development Block Grant Program (CDBG), be certain that you have explained the primary funding source in item 7.
  - ✓ Mail the form to the Department of Natural Resources, Financial Assistance Center, Post Office Box 176, Jefferson City, MO 65102. If you have questions, please call (573) 751-1192

**Missouri Department of Natural Resources  
Rural Water Grant Program**

**Description:**

Rural water grants are for the construction of projects that will result in adequate, safe drinking water for a community or water district that does not qualify for a loan for the total eligible project costs from the Drinking Water State Revolving Fund Program. Eligible recipients are public water supply districts and communities with populations under 10,000.

The grants cover up to 50% of the eligible costs of a project. The balance of the eligible costs and all the ineligible costs must come from another funding source. When applying for this funding, the applicant must indicate the other funding sources. If you are not certain about the eligibility of a cost, please contact this office at (573) 751-1192 for a preliminary determination.

The maximum grant amount is the lesser of 50% of the eligible project cost or \$1,400 times the number of service connections. Grants are capped at \$500,000.

**Legal Authority:**

Funding for this program is made available via State Water Pollution Control Bond Funds per Missouri Constitution, Article III, Sections 37(e) and (g). The grants are awarded in accordance with State Regulation 10 CSR 60-13.010. This regulation is currently being revised and is anticipated to become effective October 30, 2007.

**Application Process:**

An application form is enclosed. Applications are accepted at any time. Applicants seeking funding from the Missouri Department of Economic Development, Community Development Block Grant Program and/or the United States Department of Agriculture, Rural Development Program should submit their application to the Department of Natural Resources, Financial Assistance Center at the same time that a funding proposal is submitted to the Missouri Water and Wastewater Review Committee.

**Selection Process:**

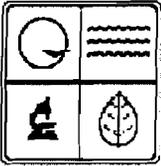
Applications are prioritized based on the priority point system used for the Drinking Water State Revolving Fund. Projects are rated based on compliance with the Safe Drinking Water Act, public health benefits and the technical, managerial and financial capability of the system. Additional consideration will be given to projects that need to fund the additional costs of meeting more stringent EPA or DNR requirements for drinking water.

Preference is given to those applicants receiving funding through other funding programs administered by the Department of Natural Resources.

Successful applicants will be notified in writing. Because of the Internal Revenue System requirements on the state bonds that fund these grants, the successful applicant must be proceeding with the projects in a timely fashion.

**Contact Information:**

Department of Natural Resources  
Financial Assistance Center (please mention "Rural Water Grants" when calling)  
Post Office Box 176  
Jefferson City, MO 65102-0176  
(573) 751-1192, Fax (573) 751-9396  
[joy.reven@dnr.mo.gov](mailto:joy.reven@dnr.mo.gov)



**Missouri Department of Natural Resources  
Water Protection Program  
RURAL WATER GRANT APPLICATION**

Submit to: P.O. Box 176, Jefferson City, MO 65102-0176  
Attn: Financial Assistance Center

Office Use Only	
Date Received	_____
Grant Number	_____
PWS ID Number	_____

**Applicant Information**

- Applicant Name: \_\_\_\_\_ County: \_\_\_\_\_
- Mailing Address: \_\_\_\_\_  
\_\_\_\_\_
- Authorized Representative: \_\_\_\_\_
- Telephone Number \_\_\_\_\_ Fax Number: \_\_\_\_\_
- Consulting Engineer: \_\_\_\_\_
- Population (*current census*) \_\_\_\_\_ Population of Area to be Served \_\_\_\_\_
- Federal Tax ID Number: \_\_\_\_\_
- Anticipated Primary Sources of Funding (*attach evidence of funding commitments if available*)  
\_\_\_\_\_  
\_\_\_\_\_

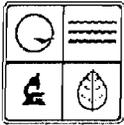
**Project Information**

- Project Description (*Attach 2 copies of the Engineering Report or indicate the review number*)  
\_\_\_\_\_  
\_\_\_\_\_
- State Senate District for Project \_\_\_\_\_ State Representative District for Project \_\_\_\_\_

11. Cost Estimates:	
Development and Administration	_____
Land, Easements and Right-of-Way	_____
Legal	_____
Engineering	_____
Construction	_____
Equipment	_____
Other Costs ( <i>specify</i> ) _____	_____
Contingencies	_____
Total Project Costs	_____

12. Calculate Rural Sewer Grant Amount:	
A. \$1,400 x Number of contracted connections up to a maximum of 50% of the total project cost ( <i>whichever is less</i> )	\$ _____
B. Number of Potential Users	_____
C. Number of Contracted Users	_____
D. Ratio of Contracted to Potential Users	_____ %
<i>(Must be at least 75%)</i>	

13. Anticipated Funding:					
Total Costs	Cash Contributions	Rural Water Grants	Other Grants	Loan	Bonds
\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Percentage of Total Costs	_____ %	_____ %	_____ %	_____ %	_____ %



**Missouri Department of Natural Resources**  
**Water Protection Program**  
**RURAL WATER GRANT APPLICATION**

**Applicant Financial Information**

14. Date of Ballot Approval \_\_\_\_\_ Anticipated Date for Bond Election \_\_\_\_\_

Debt Instrument (check one)    General Obligation Bonds        Revenue Bonds   

**Bonded Indebtedness of the District/Community**

Outstanding Balance of Bonds	Purpose of the Bonds	Interest Rate	Amortization Period	Payment Due Date	Installation Amount

General Obligation Bonding Capacity \$ \_\_\_\_\_ Unobligated Balance \$ \_\_\_\_\_

Other Sources of Income Available to Finance This Project \$ \_\_\_\_\_

Cash on Hand	Median Household Income (as determined by latest census)	Projected Monthly User Charge (per 5,000 gallons)
\$ _____	\$ _____	\$ _____

**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. Check all that items listed below that apply to this project and describe in the space provided on page 4 of this application. Any other supporting documentation must be attached and specifically cross-referenced.

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 secondary contaminants occurring within the past 36 months
- Correct persistent violations of maximum contaminant levels for non-acute primary contaminants occurring within the past 36 months
- Enable PWS to comply with certain anticipated federal regulations
- Enable PWS to comply with an Administrative Order, Bilateral Compliance Agreement, Permit or other enforceable document issued by the Missouri Department of Natural Resources

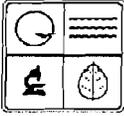
**Public Health**

Describe the anticipated public health benefits of the proposed project. Check all items listed below that apply to the project and describe in the space provided. Any other supporting documentation must be attached and specifically cross-referenced in the narrative description. Only supporting documentation described on the application form will be considered for the Public Health priority point evaluation.

- Existing public water systems (PWS) only: At least 51% of the project will address problems causing a waterborne disease outbreak attributable to the PWS by the Department of Health.
- Existing public water systems only: The PWS can document its inability to consistently maintain  $\geq 35$  psi as a normal working pressure in the distribution system.
- Existing public water systems only: The PWS can document its inability to consistently maintain  $\geq 20$  psi at all service connections.
- Private or noncommunity 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% of the project addresses this need.

This project will (check all that apply):

- Provide a PWS with a backup well or backup interconnection with another PWS.
- Address problem(s) with improper well construction.
- Address unaccounted for water that exceeds 10% 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 (5) years.
- Address a demonstrated need to replace faulty pipes or substandard pipe materials.
- Address a demonstrated need for distribution system valves and flushing devices.



# Missouri Department of Natural Resources

## Water Protection Program

### RURAL WATER GRANT APPLICATION

#### Public Health (continued)

- 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 PWS with storage capacity equal to one day's average use or provide the PWS with adequate stand-by power.
- Provide necessary modifications to a source or treatment facility anticipated to exceed design capacity or useful life within the next five (5) years.
- Address significant degradation of the quality of raw water supply.
- Address significant degradation of finished water in storage.
- Enable the PWS to meet existing state requirements for the treatment and/or storage of waste residues generated by the water treatment plant.
- Enable repair or replacement of treatment facilities for required disinfection or turbidity removal which are severely deteriorated and 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 plant is vulnerable to natural disasters (such as flood or earthquake) or contamination.
- The facility is located in a DNR approved Wellhead Protection Area.
- At least 51% of the project will repair or replace 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):

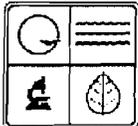
- Provide necessary upgrades to facilities of a primary water system to continue or expand as a regional water supplier.
- Result in the permanent supply interconnection of two or more existing public water systems. (This includes new water systems which allow small water systems within their boundaries to consolidate.)
- Result in a regional management system responsible for the day-to-day operation of the water system.
- Provide the necessary upgrades or new water distribution system to meet the standards of a regional supplier for the purpose of consolidation.
- Enable the PWS to enhance the water system security.

#### Technical, Managerial and Financial Capacity

Describe the technical, managerial and financial capability of the system. Check all items listed below that apply to the project and describe in the space provided. Any other supporting documentation must be attached and specifically cross-referenced in the narrative description. Only supporting documentation described on the application form will be considered for the technical, managerial and financial priority point evaluation.

This project will (check all that apply):

- Water system has a Continuing Operating Authority. (A permanent organization responsible for maintaining the integrity of the water system)
- Have population less than 3,300.
- Have a properly certified water operator.
- Have water meters or project will include the installation of water meters.
- Water system has a distribution map showing the size and location of all waterlines, valves, hydrants, storage facilities, pumping and treatment facilities, sources and a water main flushing program.
- Water system has developed an organizational chart showing clear lines of authority over the water system and person designated the liaison with DNR for compliance issues.
- Have had an inspection from the DNR Regional Office within the past 3 years and provided the most current inspection report with this application.
- Have developed an annual budget showing expected revenues and expenditures of the system.
- Have a written rate structure and fees for connection, reconnection and late payment.
- Rates of the water system are adequate to meet expenses for the operation, maintenance, and replacement of the water system. (Please include revenues minus expenses in the narrative description.)
- Rates exceed 2% of the Median Household Income (MHI).
- Perform annual audits using Generally Accepted Accounting Principles and Practices.
- Maintains a reserve for the replacement of major components of the system.
- Revenues of the system only used for drinking water purposes.



**Missouri Department of Natural Resources**  
**Water Protection Program**  
**RURAL WATER GRANT APPLICATION**

**Technical, Managerial and Financial Capacity (continued)**

Have a delinquency rate for water use billing less than 5%.

Have any board members attended a drinking water utility board training in the past three years? (please list trainings below)

**Safe Drinking Water Act Compliance, Public Health Benefits and Technical, Managerial and Financial Capability (Narrative Description)**

[Large empty box for narrative description]

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name and Title (Please print or type)

\_\_\_\_\_  
Telephone Number

Return signed application form to: Missouri Department of Natural Resources, Financial Assistance Center, PO Box 176, Jefferson City, MO 65102-0176

**Missouri Department of Natural Resources**  
**Direct Loan Program**

**Description:**

Very low interest direct loans can be used for wastewater and drinking water construction projects. Eligible applicants are small communities that are currently experiencing financial difficulties or that have a small financial need. These applicants would not qualify for assistance through the Clean Water or Drinking Water State Revolving Loan Funds.

These loan types are available:

- Small Borrower Loans (\$100,000 limit) for drinking water and wastewater projects, are limited to communities of less than 1,000 population.
- Direct Loans for applicants currently experiencing financial difficulties can be used in lieu of State Revolving Loan Funds.
- Planning Loans for wastewater projects are currently being developed.

The loan can be used for all the eligible costs of a project. If you are not certain about the eligibility of a cost, please contact this office at (573) 751-1192 for a preliminary determination.

**Legal Authority:**

Funding for this program is made available via State Water Pollution Control Bond Funds per Missouri Constitution, Article III, Section 37(g). The loans are in accordance with State Regulation 10 CSR 20-4.021.

**Application Process:**

Three application forms (small borrower loan, drinking water state revolving fund loan, and clean water state revolving fund loan) are enclosed. Applications are accepted at any time. Applicants seeking funding from the Missouri Department of Economic Development, Community Development Block Grant Program and/or the United States Department of Agriculture, Rural Development Program should submit their application to the Department of Natural Resources, Financial Assistance Center at the same time that a funding proposal is submitted to the Missouri Water and Wastewater Review Committee.

**Selection Process:**

Applications for wastewater system loans through the clean water state revolving fund are prioritized based on the environmental impact, in accordance with the priority point system established in 10 CSR 20-4.010.

Applications drinking water projects are prioritized based on the priority point system used for the Drinking Water State Revolving Fund. Projects are rated based on compliance with the Safe Drinking Water Act, public health benefits and the technical, managerial and financial capability of the system.

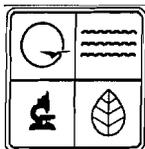
Applications for small borrower loans are prioritized based on immediacy of need.

Preference is given to those applicants receiving funding through other funding programs administered by the Department of Natural Resources.

Successful applicants will be notified in writing. Because of the Internal Revenue System requirements on the state bonds that fund these loans, the successful applicant must be proceeding with the projects in a timely fashion.

**Contact Information:**

Department of Natural Resources  
Financial Assistance Center (please mention "Direct Loan Program" when calling)  
Post Office Box 176  
Jefferson City, MO 65102-0176  
(573) 751-1192, Fax (573) 751-9396  
[joy.reven@dnr.mo.gov](mailto:joy.reven@dnr.mo.gov)



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 WATER PROTECTION PROGRAM  
 FINANCIAL ASSISTANCE CENTER  
**CLEAN WATER STATE REVOLVING FUND APPLICATION**

APPLICANT INFORMATION			THIS SPACE FOR OFFICE USE ONLY		
APPLICANT NAME:			Priority Points	Project Number	FY
ADDRESS:			LOAN AND/OR GRANT AMOUNT REQUESTED: (Note: Grant Amount cannot be increased later.)		
CITY:	STATE:	ZIP CODE:	PROJECT LOCATION:		
TYPE:			CITY:	COUNTY:	
<input type="checkbox"/> INCORPORATED MUNICIPALITY <input type="checkbox"/> PUBLIC WATER/SEWER DISTRICT <input type="checkbox"/> OTHER:			STATE REP. DISTRICT NUMBER(S):		
			STATE SENATE DISTRICT NUMBER(S):		
<b>PROJECT MANAGER (LOCAL GOVERNMENT OFFICIAL)</b>			<b>CONSULTING ENGINEER</b>		
NAME:			NAME:		
TITLE:			FIRM:		
ADDRESS:			ADDRESS:		
CITY:	STATE:	ZIP CODE:	CITY:	STATE:	ZIP CODE:
TELEPHONE: ( )			TELEPHONE: ( )		
PROJECT DESCRIPTION (Please include site maps if available):					
LIST PERMIT NUMBER(S) OF WATER OR WASTEWATER FACILITIES AFFECTED BY THIS PROJECT (If Applicable) Please note if the facility is to be eliminated by this project.					
POPULATION OF PROJECT AREA:			POPULATION OF POLITICAL SUBDIVISION:		
ESTIMATED 20 YEAR PROJECT AREA POPULATION:					
PROJECTED NEW CONNECTIONS AT PROJECT COMPLETION:					
<b>NON-PERMITTED FACILITIES TO BE ELIMINATED BY THIS PROJECT:</b>					
NAME	POPULATION SERVED	TYPE & CONDITION OF FACILITY			

**DESCRIPTION OF PROBLEM TO BE ADDRESSED BY PROJECT INCLUDING:**

Estimated volume of sewage bypassed: \_\_\_\_\_ million gallons per day

Frequency of bypass events: \_\_\_\_\_ per year

Description of known downstream water quality problems, health effects and land use concerns:

Downstream water body affected:	Lake	Stream
---------------------------------	------	--------

Number or percentage of failed septic tanks:	Number	% of Total
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Description of conditions resulting from failed septic tanks:

**OTHER INFORMATION REGARDING PROBLEMS ADDRESSED**

**NOTE:** A map showing facilities to be eliminated, location of bypassing, lift stations, relief sewers and boundaries of unsewered areas must be included.

ESTIMATED COST:	ELIGIBLE	NON-ELIGIBLE	TOTAL	COST BREAKDOWN FOR DESIGNATED CATEGORIES
Development and Administration				I. Secondary Treatment
Land & Easements				
*Engineering Planning and Design				II. Advanced Treatment
*Engineering During Construction				
*Resident Inspection				IIIA. Inflow/Infiltration Correction
*Construction				IIIB. Sewer Rehab
*Equipment				IVA. Collection Sewers
**Other Costs				IVB. Interceptor Sewers
TOTAL PROJECTS COSTS				V. Combined Sewer Overflow Correction
*Generally these costs are eligible. **SRF Loan closing costs (about 3%) are eligible.				TOTAL CONSTRUCTION COSTS

PROPOSED FINANCING:		Anticipated date for bond election:  Debt Instrument: General Obligation Bonds: Revenue Bonds: *Other:  *Not SRF Loan Eligible
SRF LOAN AND/OR 40% GRANT:	\$	
APPLICANT CONTRIBUTION:	\$	
OTHER GRANTS AND LOANS:	\$	
(Specify)	\$	
TOTAL:	\$	

**To the best of my knowledge and belief, the data in this application are true and correct, and its submission has been duly authorized by the governing body of the applicant.**

SIGNATURE:	DATE:	NAME AND TITLE (Please Print or Type):
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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 PUBLIC DRINKING WATER PROGRAM  
**DRINKING WATER REVOLVING FUND LOAN APPLICATION**

**FOR PDWP USE ONLY**

PROJECT NUMBER

PRIORITY POINTS

DATE RECEIVED

RETURN TO: MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 PUBLIC DRINKING WATER PROGRAM  
 P.O. BOX 176  
 JEFFERSON CITY, MO 65102

**SECTION 1: GENERAL INFORMATION**

PWS NAME		PWS ID NO.	
PWS OWNER			
PWS CONTACT PERSON FOR THIS DWRP LOAN PROJECT		TITLE	
ADDRESS			
TELEPHONE NUMBER		FAX NUMBER	
POPULATION SERVED BY PWS <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			
PROJECT ENGINEER		TELEPHONE NUMBER	
U.S. CONGRESSIONAL DISTRICT NUMBER	STATE SENATE DISTRICT NUMBER	STATE REPRESENTATIVE DISTRICT NUMBER	

**SECTION 2: CERTIFIED OPERATOR AND EMERGENCY OPERATING PLAN**

THE APPLICANT HAS PROVIDED

Documentation that the PWS has a certified chief operator or expects to have prior to loan award; and

Documentation that the PWS has an emergency operating plan or expects to have prior to loan award

**SECTION 3: ESTIMATED PROJECT COSTS**

Administration/Legal	\$ _____,000.00
Planning & Design	\$ _____,000.00
Construction Engineering Services	\$ _____,000.00
Construction Inspection	\$ _____,000.00
Construction	\$ _____,000.00
Other (labs, upgrades, automation, etc.)	\$ _____,000.00
Specify: _____	
Interest during construction	\$ _____,000.00
Contingency (#10% of Construction)	\$ _____,000.00
<b>TOTAL PROJECT COSTS</b>	<b>\$ _____,000.00</b>
Funding sources other than DWSRF (specify whether loan or grant):	
_____	\$ _____,000.00
_____	\$ _____,000.00
<b>BALANCE</b> (Total project costs minus other funding sources)	<b>\$ _____,000.00</b>
Cost of issuance (estimate 3% of Balance)	\$ _____,000.00
<b>AMOUNT OF LOAN REQUEST</b> (Balance plus cost of issuance)	<b>\$ _____,000.00</b>

**SECTION 4: BREAKDOWN OF SRF ELIGIBLE COST PER DESIGNATED CATEGORIES**

Treatment	\$ _____
Transmission & Distribution	\$ _____
Storage	\$ _____
Source	\$ _____
Land Acquisition	\$ _____
Purchase of other Systems	\$ _____
Refinancing	\$ _____
Other	\$ _____
Specify: _____	

**SECTION 5: PROJECTED REPAYMENT SOURCE**

User fees

General funds

Sales tax

Other

Describe: \_\_\_\_\_

\_\_\_\_\_

IS THE SOURCE OF REPAYMENT IN PLACE AND AVAILABLE AT THIS TIME? (CHECK ONE)

YES     NO    If yes, specify. \_\_\_\_\_

**SECTION 6: ANTICIPATED DEBT STRUCTURE/SECURITY**

G.O. bonds

Revenue bonds

AMOUNT

\$ \_\_\_\_\_

HAVE YOU PASSED BONDS FOR THIS PROJECT? (CHECK ONE)

YES     NO

**SECTION 7: FINANCIAL INFORMATION**

ANTICIPATED TERM OF THE LOAN (YEARS)

EXISTING CUSTOMERS

ESTIMATED CUSTOMERS AT PROJECT COMPLETION

WHAT IS YOUR COLLECTION DELINQUENCY RATE?

ARE YOU CURRENTLY FUNDING DEPRECIATION?

 YES  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?

\$

REVENUE LESS (MINUS) OPERATING EXPENSES FOR THE LAST FISCAL YEAR EQUALS =

\$

FROM A FINANCIAL STANDPOINT, DO YOU HAVE A COMBINED WATER AND SEWER SYSTEM?

 YES  NO**SECTION 8: AFFORDABILITY (COMMUNITY WATER SYSTEMS ONLY)**

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

POPULATION SERVED

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

\$

NUMBER OF HOUSEHOLDS

COMMUNITY(-IES) BENEFITTED BY PROJECT

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

\$ PER MONTH

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

\$ PER MONTH

**SECTION 9: PROJECT DESCRIPTION**

Describe the major components of the project. The project for which funding is being requested must be limited to projects which will be bid for construction immediately following the DWRF loan closing deadline.

**SECTION 10: SDWA 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 which will be bid for construction immediately following the DWRP 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 and specifically cross-referenced it in the narrative description. The department will consider only supporting documentation described on the application form. Please type or print legibly.

THE 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 PWS to comply with certain anticipated federal regulations
- Enable the PWS to comply with an administrative order, bilateral compliance agreement, permit or other enforceable document issued by the Missouri Department of Natural Resources

## SECTION 11: 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 which will be bid for construction immediately following the DWRF 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. Please type or print legibly.

- Existing public water systems only: At least 51% of the project will address problems causing a waterborne disease outbreak attributable to the PWS by the Department of Health.
- Existing public water systems only: The PWS can document its inability consistently to maintain >35 psi as a normal working pressure in the distribution system.
- Existing public water systems only: The PWS can document its inability consistently to maintain >20 psi at all service connections.
- Private or noncommunity 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% of the project addresses this need.

### THE PROJECT WILL (CHECK ALL THAT APPLY)

- Provide a PWS with a backup well or backup interconnection with another PWS
- Address problem(s) with improper well construction
- Address unaccounted for water that exceeds 10% 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 PWS with a storage capacity equal to one day's average use **OR** provide the PWS 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 PWS to meet existing state requirements for the treatment and/or storage of waste residues generated by the water treatment plant
- Enable repair or replacement of treatment facilities for required disinfection or turbidity removal which 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 DNR-approved Wellhead Protection Area
- At least 51% of the project cost is for repair or replace 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.)

### THE PROJECT WILL (CHECK ALL THAT APPLY)

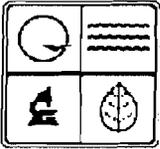
- Provide necessary upgrades to facilities of a primary water system to continue or expand services as a regional water supplier
- Result in the permanent supply interconnection of two or more existing public water systems (This includes new water systems that allow small water systems within their boundaries to consolidate)
- Result in a regional management system responsible for the day-to-day operation of the water system
- Enable the PWS to enhance the water system security

**SECTION 11: PUBLIC HEALTH (CONTINUED)**

AUTHORIZED SIGNATURE

TITLE

DATE



# Missouri Department of Natural Resources

## Water Protection Program

### SMALL BORROWER DIRECT LOAN APPLICATION

#### Applicant Information

1. Name of Applicant: \_\_\_\_\_ County: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
3. Authorized Representative, Name and Title: \_\_\_\_\_
4. Telephone Number \_\_\_\_\_
5. Consulting Engineer: \_\_\_\_\_
6. Population of Applicant (*current census*) \_\_\_\_\_  
 (Eligible applicants are limited to communities with less than 1,000 population.)
7. Other funds anticipated for this project: \_\_\_\_\_  
 \_\_\_\_\_

#### Project Information

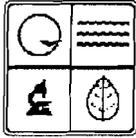
8. Project Description (attach engineering report if available):  
 \_\_\_\_\_  
 \_\_\_\_\_
9. State Senate District for Project \_\_\_\_\_  
 State Representative for Project \_\_\_\_\_

#### 10. Cost Estimates:

Development and Administration		Loan is limited to \$100,000
Land, Easements and Right-of-Way		
Legal		
Engineering		Is this a water project or a sewer project? _____
Construction		
Equipment		
Other Costs ( <i>specify</i> )		
Contingencies		
Total Project Costs		Loan amount requested: \$ _____

#### 11. Anticipated Funding:

Total Costs	Applicant contribution	Small Borrower Loan	Other Grants	Other Loan	Bonds
\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Percentage of Total Costs	_____ %	_____ %	_____ %	_____ %	_____ %



**Missouri Department of Natural Resources**  
**Water Protection Program**  
**SMALL BORROWER DIRECT LOAN APPLICATION**

**Applicant Financial Information**

12. Bond Information: \_\_\_\_\_ Debt Instrument (*check one*):  
 Date of Ballot Approval \_\_\_\_\_ General Obligation Bonds \_\_\_\_\_  
 Anticipated Date for Bond Election \_\_\_\_\_ Revenue Bonds \_\_\_\_\_

13. A. Bonded indebtedness of applicant:

Outstanding Balance of Bonds	Interest Rate	Purpose of Bond	Amortization Period	Payment Due Date	Installment Amount

B. General Obligation Bonding Capacity: \$ \_\_\_\_\_

14. Financial report of applicant:

A. Does applicant have an adequate funds accounting system in place? \_\_\_\_\_

B. Tax revenues of applicant:

Type of Property	Agricultural	Commercial	Industrial	Residential
Total Assessed Value				
Anticipated Annual Income				

C. Other Sources of Income available to finance this project: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

D. If bonds are not used how will the applicant repay the loan? \_\_\_\_\_

E. Median Household Income of project service area (*as determined by latest census*): \_\_\_\_\_

F. Projected Monthly User Charge for 5,000 gallons at completion of this project is \_\_\_\_\_.  
 Current Monthly User Charge for 5,000 gallons is \_\_\_\_\_.

15. To the best of my knowledge, the data in this application is true and correct, and its submission has been duly authorized by the governing body of the applicant.

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Please return this form to:** Missouri Department of Natural Resources, Financial Assistance Center, PO Box 176, Jefferson City, MO 65102-0176