

MISSOURI DEPARTMENT OF NATURAL RESOURCES
 FINANCIAL ASSISTANCE CENTER
**DRINKING WATER ENGINEERING REPORT GRANT
 APPLICATION**

FOR OFFICE USE ONLY
DATE RECEIVED

Submit to: Missouri Department of Natural Resources, Financial Assistance Center, P.O. Box 176, Jefferson City, MO 65102-0176. Please type or print legibly.

1. GENERAL INFORMATION

PUBLIC WATER SYSTEM NAME	PUBLIC WATER SYSTEM ID NO.	POPULATION	DUNS NO. (Required)
PUBLIC WATER SYSTEM CONTACT PERSON FOR THIS DRINKING WATER PROJECT		TITLE	
MAILING ADDRESS			
CITY	STATE	ZIP CODE + FOUR	COUNTY
TELEPHONE NUMBER WITH AREA CODE		EMAIL	

HAS OR WILL THE WATER SYSTEM APPLY FOR Drinking Water State Revolving Loan FUNDING FOR CONSTRUCTION RELATED TO THE PROPOSED ENGINEERING REPORT?
 Yes No

2. DISADVANTAGED COMMUNITY

Disadvantaged communities are eligible for up to 100 percent funding and must meet all of the following requirements:
 Does the system serve a population below 3,300?
 Yes No
 Are user rates at or above 2 percent of the decennial median household income?
 Yes No
 If yes, monthly cost for 5,000 gallons of water : _____
 Is the community median household income at or below 75 percent of the state decennial median household income?
 Yes No
 If yes, community median household income : _____ data source: _____

3. ELIGIBILITY CRITERIA

The following are minimum eligibility criteria:
 Does the system serve a population less than or equal to 3,300?
 Yes No
 Does the continuing operating authority have any outstanding drinking water fees?
 Yes No (note: all outstanding fees must be paid prior to selection to remain eligible for funding)
 What year was the last engineering report completed for this community water system? _____

4. ESTIMATED PROJECT COST INFORMATION

Total Engineering Report Cost: Funding by the department shall not exceed 50 percent of total engineering report cost up to a maximum of \$15,000. Disadvantaged communities and community water systems that apply to DWSRF and proceed with construction are eligible for 100 percent of total engineering report cost up to a maximum of \$30,000.	\$
Breakdown of engineering report cost (not construction cost) per designated categories	
I. Treatment	\$
II. Transmission and Distribution	\$
III. Storage	\$
IV. Source	\$
V. Other Specify:	\$

5. PROJECT DESCRIPTION

DESCRIBE THE MAJOR COMPONENTS OF THE PROJECT. WHAT WILL THE ENGINEERING REPORT COVER? WHY IS THIS ENGINEERING REPORT NEEDED? (ATTACH A SEPARATE SHEET, IF NECESSARY)

6. SAFE DRINKING WATER ACT (SDWA) COMPLIANCE PRIORITY POINT CHECKLIST

Please check only the items listed below that will be addressed with this project. To ensure the project application receives the maximum points possible, attach documentation supporting each item checked. Documentation may include, but may not necessarily be limited to inspections, sanitary surveys, and system records with written operator or system engineer testimony.

Section A: Safe Drinking Water Act Violations and Compliance

The engineering report will address these issues the community water system is experiencing:

- Correct persistent violations of maximum contaminant levels or treatment performance criteria for acute risk contaminants (such as coliform, turbidity, or nitrate) that have occurred within the past 36 months. (100 points)
- Correct persistent violations of maximum contaminant levels for naturally-occurring contaminants (such as radium, radon, uranium, arsenic, radionuclides). (75 points)
- Correct persistent violations of treatment technique requirements. (50 points)
- Correct persistent violations of maximum contaminant levels for non-acute risk primary contaminants occurring within the past 36 months. (75 points)
- Correct persistent violations of maximum contaminant levels for secondary contaminants occurring within the past 36 months. (50 points)
- Compliance with Missouri's Surface Water Treatment Rules, Disinfectants and/or Disinfection Byproducts Rules, or Groundwater Rules.(50 points)
- Enable the community water system to comply with an administrative order, bilateral compliance agreement, or other enforceable document issued by the Missouri Department of Natural Resources. (100 points)

Section B: Problems with Waterborne Disease, Minimum Working Pressure, and Inadequate Supply

The community water system is experiencing these problems and the engineering report will address them:

- At least 51 percent of the project will address problems causing a waterborne disease outbreak attributable to the system by the Missouri Department of Health and Senior Services. (50 points)
- The system can document its inability consistently to maintain >35 psi as a normal working pressure in the distribution system. (25 points)
- The system can document its inability consistently to maintain >20 psi at all service connections. (50 points)
- 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 percent of the project addresses this need. (50 points)

Section C: Problems with inadequate wells, water loss, distribution systems, storage, and treatment

The community water system is experiencing these problems and the engineering report will address them:

- Provide the system with a backup well or backup interconnection with another community water system. (20 points)
- Address problems with improper well construction. (20 points)
- 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. (10 points)
- Provide necessary modifications to a distribution system anticipated to exceed design capacity or useful life within the next five years or address a demonstrated need to replace faulty pipes or substandard pipe materials. (10 points)
- Address a demonstrated need for distribution system valves and flushing devices. (5 points)
- Address a demonstrated need for looping of water mains. (5 points)
- Address an inability to maintain a disinfectant residual at all points in the distribution system. (15 points)
- Address water storage facilities in poor condition not related to inadequate maintenance. (15 points)
- Provide the system with a storage capacity equal to one day's average use. (5 points)
- Provide the system with adequate standby power. (5 points)

- Provide necessary modifications to a source or treatment facility anticipated to exceed design capacity or useful life within the next five years. (15 points)
- Address significant degradation of the quality of raw water supply. (10 points)
- Address significant degradation of the quality of finished water in storage. (15 points)
- Enable the system to meet existing state requirements for the treatment or storage of waste residues generated by the water treatment plant. (5 points)
- Enable repair or replacement of treatment facilities for required disinfection or turbidity removal that are severely deteriorated beyond the useful life of the facility. (20 points)
- The system has received an operational evaluation level exceedance for disinfection byproducts within the past 36 months. (25 points)
- The system's source has been directly impacted by natural disasters (such as flood or drought) or non-naturally occurring contamination within the last four years. (20 points)
- The system's treatment plant or distribution system has been impacted by natural disasters (such as flood or drought) or non-naturally occurring contamination within the last four years. (20 points)
- At least 51 percent of the project is for repair or replacement of an existing 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). (20 points)

Section D: Regionalization, Interconnection, and Security

The engineering report will:

- Provide necessary upgrades to facilities of a primary system to continue or expand services as a regional water supplier. (50 points)
- Result in the permanent supply interconnection of two or more existing systems. (This includes new water systems that allow small water systems within their boundaries to consolidate). (50 points)
- Result in a regional management system responsible for the day-to-day operation of the system. (25 points)
- Provide necessary upgrades or new water distribution system to meet the standards of a regional supplier for the purpose of consolidation. (50 points)
- Enable the community water system to enhance the water system security. (5 points)

Section E: Technical, Managerial, and Financial Capacity Demonstration

The community water system has the following technical, managerial, and financial capacity:

- The system has secured voter-approved bond authorization or otherwise established an acceptable debt instrument that would allow the system to finance infrastructure upgrades recommended in the final engineering report. Please attach documentation related to the bond election or debt instrument. (50 points)
- The system is located within an endorsed Department of Natural Resources Wellhead Protection or Source Water Protection Area. (5 points)
- At least 50 percent of the governing body has received training related to operation and management. (5 points)
- The system has a written operation and maintenance plan and budget. (5 points)
- The system has completed an asset inventory. (5 points)

7. REQUIRED SUPPORTING DOCUMENTATION

Applications missing the following supporting documentation could result in no funding or reduced funding:

- A brief description of need for each item checked in the priority checklist.
- Documentation supporting your description (ex. Inspections, sanitary surveys, or system records).

8. 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 subaward is awarded on the basis of this application, to comply with all applicable rules and regulations of the Missouri Department of Natural Resources and the terms and conditions of the subaward grant agreement.

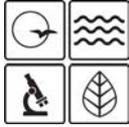
SIGNATURE OF AUTHORIZED REPRESENTATIVE	DATE
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NAME AND OFFICIAL TITLE	TELEPHONE NUMBER WITH AREA CODE
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PREPARER'S NAME AND SIGNATURE (IF APPLICABLE)

SIGNATURE OF PREPARER	DATE
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NAME AND TITLE	TELEPHONE NUMBER WITH AREA CODE
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MISSOURI DEPARTMENT OF NATURAL
 RESOURCES WATER PROTECTION PROGRAM
 FINANCIAL ASSISTANCE CENTER

**RESOLUTION OF GOVERNING BODY OF APPLICANT
 RESOLUTION NO. _____**

(Suggested Form for Grant/Loan Applicant use)

Resolution authorizing the filing of an application with the Missouri Department of Natural Resources, State Revolving Fund Program for loans under the Missouri Safe Drinking Water Law (Section 640, RSMo).

WHEREAS under the terms of the Missouri Safe Drinking Water Law, Section 640, Revised Statutes of Missouri, the State of Missouri has authorized the making of loans and/or grants to authorized applicants to aid in the construction of specific public projects.

NOW, THEREFORE, be it resolved by _____
 (governing body of applicant)

1. That _____ be and he/she is hereby authorized to execute and
 (designated official)
 file an application on behalf of _____
 (legal name of applicant)
 with the State of Missouri for a loan and/or grant to aid in the construction of:

 (brief project description)

2. That _____,
 (designated official) _____ (title)

be and he/she is hereby authorized and directed to furnish such information as the Missouri Department of Natural Resources may reasonably request in connection with the application which is herein authorized, to sign all necessary documents on behalf of the applicant, to furnish such assurances to the Missouri Department of Natural Resources as may be required by law or regulation, and to receive payment on behalf of the applicant.

CERTIFICATE OF RECORDING OFFICER

The undersigned, duly qualified and acting _____ of the
 (title of recording officer)

_____, does hereby certify: That the attached resolution is a
 (legal name of applicant)

true and correct copy of the resolution adopted at a legally convened meeting of the _____
 held on the _____ day of _____;
 (name of the governing body of applicant)

and further that such resolution has been fully recorded in the journal of proceedings and records in my office. IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____.

 (signature of recording officer)

 (title of recording officer)

SEAL (If applicant has an official seal, impress here.)

DRINKING WATER ENGINEERING GRANT APPLICATION INSTRUCTIONS

Application Deadline: Applications should be completed and submitted, along with the required supporting documentation, through the [Funding Opportunities Portal](#) no later than the application deadline to the Financial Assistance Center. Applications received by December 31 each year will be evaluated and ranked to compete for funding. Applications received after the deadline will be held for consideration of funding the following year.

The Missouri Department of Natural Resources will notify all applicants of the final selection results in early February, after all applications have been reviewed and scored.

1. **GENERAL INFORMATION:** Print or type the applicant information. Include a street address if available. The applicant is the entity that will receive the grant funds, if awarded. Prior to receiving a grant award, 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 at 866-705-5711 or at fedgov.dnb.com/webform. The contact noted on the application should be knowledgeable about the application and able to be contacted during business hours. Include the population of the entire service area from the most recent decennial census.
2. **DISADVANTAGED COMMUNITY:** The information included in Section 2 of the application will be used to determine if the applicant, or the system the applicant proposed to serve through the project, meets the Drinking Water State Revolving Fund criteria as a disadvantaged community. Please provide the most accurate information available. Provide the median household income based on the most recent decennial census. The median household income data can be found online at <https://data.census.gov/cedsci/>.
3. **ELIGIBILITY CRITERIA:** The information included in Section 3 of the application will be used to determine the applicant's eligibility for the grant for the proposed project.
4. **ESTIMATED PROJECT COST INFORMATION:** Supply the cost estimates for the engineering report, broken down by category if possible.
5. **PROJECT DESCRIPTION:** Provide a brief project description.
6. **SAFE DRINKING WATER ACT (SDWA) COMPLIANCE PRIORITY POINT CHECKLIST:** Check all items that are documented issues of the system that will be addressed by the proposed engineering report. The purpose of the priority points is to award available grant funds to the most serious problems. Priority points are based primarily on protection of public health, compliance with the Safe Drinking Water Act, and system reliability. In the event of a tie, priority will be given to the system(s) with the highest priority point score in Section A, followed in order by Section B, Section D, and Section C.

7. **REQUIRED SUPPORTING DOCUMENTATION:** To ensure the project application receives the maximum points possible, attach documentation supporting each item checked. Documentation may include, but may not necessarily be limited to inspections, sanitary surveys, and system records with written operator or system engineer testimony.
8. **CERTIFICATION:** Sign the application and attach any information that will enable the department to prioritize the drinking water needs. Make a copy of the completed application for you records. Incomplete applications will be returned

Application Submittal

Mail the completed application to: Missouri Department of Natural Resources, Financial Assistance Center 176, Jefferson City, MO 65102-0176 or email to at fac@dnr.mo.gov.

Grant timeframe

Funding provided under this program shall only be used as reimbursement of expenses for services provided *during the project's budget period*. Recipients should wait for notice from the Financial Assistance Center of approval to initiate work under this grant in order to ensure all costs incurred are reimbursable.

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 573-751-1300
fac@dnr.mo.gov
www.dnr.mo.gov/env/wpp/srf/index.html