State Water Plan Application

Applicant: Address:	Proposed Funding Package Projected State Funding _____ Local Cash _____ Other:_____ _____ Other:_____ _____ TOTAL _____

Project Title:

Description: (Include present monthly utility rate.)

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Name & Title of Authorized Signatory (Typed)	Signature	Date

Professional Consultants

Application Prepared By: _____

Contact Person: _____

Mailing Address: _____

City, State, and Zip: _____

Telephone Number: _____ Fax: _____

Email address: _____

Consulting Engineering Firm: _____

Contact Person: _____

Mailing Address: _____

City, State, and Zip: _____

Telephone Number: _____ Fax: _____

Email address: _____

Legal Counsel's Firm: _____

Contact Person: _____

Mailing Address: _____

City, State, and Zip: _____

Telephone Number: _____ Fax: _____

Email address: _____

State Water Plan Application Information

Infrastructure projects requesting placement on the State Water Facilities Plan must provide a completed preliminary engineering report with this application and should be ready for construction within two years. Additionally, for drinking water projects complete the Drinking Water Project Eligibility and Priority Point Self-Assessment sections.

Watershed projects requesting placement on the State Water Facilities Plan must provide a completed watershed assessment report with this application and should be ready for implementation within two years.

Projects that are large, costly water projects that are requesting significant state cost share participation may be recommended for placement on the State Water Resources Management System. These projects are necessary for the needs and general welfare of the people of South Dakota.

Drinking Water Project Eligibility and Priority Point Self-Assessment

Eligibility Assessment

	YES	NO
1. Is the project intended mainly for fire protection?	☐	☐
2. Is the project primarily intended to serve future growth?	☐	☐

Note: Providing service to existing homes or businesses not currently served is not considered future growth.

Note: If the answer to either question is "YES" the project may not be eligible for an SRF loan. Contact the department for more information.

Priority Point Assessment

1. If the water system has experienced either situation described below in the past three years, will this project correct the deficiency? If so, indicate which situation applies.	☐	☐
A. Occurrences of nitrates, fecal coliform, or E. coli bacteria that have exceeded the allowable limits as defined in ARSD 74:04:12.	☐	☐
B. Occurrences of chronic primary drinking water contaminants that have exceeded the allowable limits as defined in ARSD 74:04:12 or the system is in violation of a treatment technique.	☐	☐
C. Occurrences of emerging contaminant in samples within the past three years, and this project will address the suspected cause of these occurrences or provide an alternative water source to replace a source or sources contaminated with an emerging contaminant	☐	☐
2. Please provide the monthly user rate expected as a result of this project (based on 5,000 gallons for municipalities and sanitary districts and 7,000 gallons for other systems).	_____	
3. If the project will consolidate facilities, indicate which of the following best describes the project:	☐	☐
A. One or more community water systems will consolidate with another community water system and the consolidation is cost effective.	☐	☐
B. A community water system will receive water from another community water system but will continue to operate its water system in some capacity.	☐	☐

Priority Point Assessment Continued

	YES	NO
4. If the water system has experienced occurrences of secondary drinking water contaminants that have exceeded the guidelines in the past three years, will this project address the suspected cause of these occurrences? If so, indicate all contaminants that exceeded the maximum contaminant level below.		
Chloride.....250 mg/L	☐	☐
Color.....15 color units	☐	☐
Fluoride.....2.0 mg/L	☐	☐
Foaming Agents.....0.5 mg/L	☐	☐
Iron.....0.3 mg/L	☐	☐
Manganese.....0.05 mg/L	☐	☐
Odor.....3 threshold odor number	☐	☐
pH.....range: 6.5 to 8.5	☐	☐
Silver.....0.1 mg/L	☐	☐
Sulfate.....250 mg/L	☐	☐
Total Dissolved Solids.....500 mg/L	☐	☐
Zinc.....5 mg/L	☐	☐
5. In the past three years has the water system experienced occurrences of total coliform that have exceeded the allowable limits and will this project address the suspected cause of these occurrences?	☐	☐
6. The project is a rehabilitation of contaminated drinking water sources or development of new sources to replace contaminated sources.	☐	☐
7. The project is needed to develop sources due to inadequate supply or unable to meet peak day demand with the largest source out of service.	☐	☐
8. If water meters are being installed:		
A. The meters are being installed on services that were previously unmetered.	☐	☐
B. The meters are replacing existing meters.	☐	☐
9. If the project is replacing transmission lines indicate all that apply:		
A. Remove lead piping.	☐	☐
B. Decrease water loss volume by 10% or more.	☐	☐
C. Loop lines to improve water quality.	☐	☐
D. Eliminating cast iron or asbestos cement pipe.	☐	☐
10. The project will construct storage for a system with capacity less than an average day's demand or is needed to address low pressure problems. Low pressure is defined as less than 20 pounds per square inch.	☐	☐
11. The project will construct, upgrade, or replace a water treatment plant or its components to assure compliance with upcoming or existing regulations.	☐	☐
12. For a project sponsored by a community or sanitary district, provide the population of the community as reported in the 2020 census. For regional systems, please provide the population of the area, based on the 2020 census, to benefit from the project.	_____	

Additional Comments:

State Water Plan
Application Instructions

Note: The State Water Plan includes projects such as rural, municipal, and industrial drinking water; wastewater; storm sewer; and watershed restoration. Placement on the State Water Plan provides no guarantee of funding.

Application Cover Page (page 1)

Applicant. Name, mailing address, and phone number of the entity sponsoring the project.

Project Title/Description. Provide a one line title and a paragraph describing the project. Be specific, providing the feet or miles of pipe to be constructed, replaced or repaired; treatment process being utilized; gallon capacity of storage tanks; cubic yards of sediment to be removed; linear feet of shoreline to be stabilized; and so forth. Include the current monthly utility rate**.** If the rate is not a flat rate, compute the monthly water and wastewater rate at 5,000 gallons for municipalities and sanitary districts and at 7,000 gallons for all other systems. Additionally, indicate whether a reserve fund has been established for the utility benefiting from the project.

*Proposed Funding Packag*e. Include the amount and type of anticipated funding, the amount of local funds being provided as match, including public or private direct contributions, loans, federal funds, and water development district grants. Enter project funding as anticipated for the total project even if the project and funding will be phased.

Applicant Certification. This section is to be read and dated by an official of the sponsoring entity who has been authorized by the governing body to submit the application.

Professional Contacts (page 2)

Application Prepared By: Identify the entity, the individual that helped prepare the application, and the other contact information requested in case questions arise about the application.

Consulting Engineering Firm: Identify the engineering firm retained by the sponsor, the engineer's name, and the other contact information requested in case questions arise about the application.

Legal Counsel's Firm: Identify the law firm retained by the sponsor, the attorney's name, and the other contact information requested in case questions arise about the application.

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Drinking Water Project Eligibility and Priority Point Self-Assessment (page 3)

Note: For drinking water projects complete the Drinking Water Project Eligibility and Priority Point Self-Assessment sections.

Note: Below is outline for the preliminary engineering reports.

Preliminary Engineering Report Requirements

I. Introduction
   - A. Background Information
   - B. Purpose/Scope of Report

II. Need for Project
   - A. Health and Safety Issues
   - B. Condition/Adequacy of Existing System

III. Description of Proposed System
   - A. Map
   - B. Land Requirements

IV. Design Parameters
   - A. Identify Planning/Service Area
   - B. Expected Usage
     1. Include I/I for wastewater projects
     2. Include water loss for water projects
   - C. Population Trend
   - D. Design Period

V. Cost Estimates
   - A. Itemized Break-out of Construction Costs
   - B. Other Costs
     1. Engineering
     2. Administration

3. Land Acquisition/Easements
4. Legal
5. Other

C. Annual O&M Costs
D. User Rate Impacts

VI. Other Alternatives Considered
VII. Implementation Schedule

Watershed Assessment Report Requirements

I. Summary Sheet
II. Statement of Need
- A. Project need - water quality problem(s) and priority.
- B. Waterbody and aquatic habitat description.
- C. Maps -watershed, sampling sites and sources of NPS pollution.
- D. Topography, land ownership/use, precipitation, geology.
- E. Define the quality problem.

III. Project Description
- A. Project Goal, objectives, tasks and products
- B. Milestone table with outputs, quantities and timing of each output,
- C. Environmental permits required to conduct the project.
- D. Why the sponsor is the appropriate entity to implement the project.
- E. Plans and responsibilities for BMPs operation and maintenance.

IV. Coordination Plan
- A. Sponsor and project partner responsibilities, roles and commitments.
- B. Local support and letters of commitment.
- C. Coordination with other 319 programs and projects.
- D. Similar activities taking place in the watershed.

V. Evaluation and Monitoring Plan
- A. EPA_approved Quality Assurance Project Plan (QAPP)
- B. Monitoring strategy
- C. How and when data will be stored, managed and reported.
- D. Models used.
- E. Funding for the operation and maintenance (O&M) of BMPs.

VI. Budget
- A. Budget identifying the sources and uses project year.

VII. Public Involvement
- A. How public involvement will be encouraged.

VIII. Threatened and Endangered Species
- A. Threatened and Endangered Species in the project area.