

**SOUTH DAKOTA CLEAN WATER STATE REVOLVING FUND  
FEDERAL FISCAL YEAR 2019 INTENDED USE PLAN**

**INTRODUCTION**

The state of South Dakota proposes to adopt the following Intended Use Plan (IUP) for Federal Fiscal Year (FFY) 2019 as required under Section 606(c) of the Clean Water Act.

The primary purpose of the IUP is to identify the proposed annual intended use of the amounts available to the Clean Water State Revolving Fund (SRF). The IUP has been reviewed by the public and reflects the results of that review.

The IUP includes the following:

1. List of projects and activities;
2. Goals, objectives, and environmental results;
3. Amount of funds transferred between the Clean Water SRF and the Drinking Water SRF;
4. Information on the activities to be supported;
5. Assurances and specific proposals;
6. Criteria and method for distribution of funds; and
7. Sources and uses of funds (the 2019 capitalization grant estimate used in the IUP is based on last year's allocation).

**LIST OF PROJECTS AND ACTIVITIES**

The IUP identifies potential municipal wastewater, storm water, and nonpoint source projects. A project must be on the project

priority list, Attachment I, to be eligible for a loan. This list was developed from the State Water Plan and includes projects that did not designate Clean Water SRF loans as a funding source.

Projects may be added to the project priority list by the Board of Water and Natural Resources if the action is included on the meeting agenda at the time it is posted.

Priority ratings are based on the integrated project priority system established in ARSD 74:05:08:03.01. The general objective of the integrated priority system is to ensure that projects funded through the Clean Water SRF program address high priority water quality problems. This is accomplished with a priority system that ranks both municipal wastewater and nonpoint source pollution control projects on an equal basis. Projects and activities utilizing administrative surcharge funds are not required to be ranked and included on the project priority list.

The Clean Water SRF may be used for the following purposes:

1. Low-interest loans for secondary or more stringent treatment of any cost-effective alternatives, new interceptors and appurtenances, infiltration/inflow correction, new collectors, sewer system rehabilitation, expansion and correction of combined sewer overflows, decentralized wastewater treatment systems, and construction of new storm sewers. The low-interest loans can be made for up to 100 percent of the total project cost;

2. Refinancing of existing debt obligations for municipal wastewater facilities if the debt was incurred and construction initiated after March 7, 1985; or
3. Nonpoint source pollution control projects and programs, including non-traditional projects (projects with a primary purpose other than water quality).

A determination of which projects are funded from the above mentioned lists, the amount of assistance, and the financing terms and conditions will be made by the Board of Water and Natural Resources during FFY 2019.

**GOALS, OBJECTIVES, AND ENVIRONMENTAL RESULTS**

Long-term Goals and Objectives:

The long-term goals of the State Water Pollution Control Revolving Fund are to fully capitalize the Clean Water SRF, maintain or restore and enhance the chemical, physical, and biological integrity of the state's waters for the benefit of the overall environment, protect public health, and promote economic well-being.

Objectives:

1. Maintain a permanent, self-sustaining Clean Water SRF program that will serve in perpetuity as a financing source for wastewater treatment works projects and nonpoint source pollution control projects; and
2. Fulfill the requirements of pertinent federal, state, and local laws and regulations governing water pollution control activities while providing the state and local project sponsors with

maximum flexibility and decision-making authority regarding such activities.

Short-term Goal and Objectives:

The short-term goal of the Clean Water SRF is to fully capitalize the fund.

Objectives:

1. Ensure the technical integrity of Clean Water SRF projects through the review of planning, design plans and specifications, and construction activities;
2. Ensure compliance with all pertinent federal, state, and local water pollution control laws and regulations; and
3. Obtain maximum capitalization of the funds for the state in the shortest time possible.

Environmental Results:

States were required to quantify and report the environmental benefits being realized through the Clean Water SRF loan program. The reporting requirement is being satisfied using an on-line environmental benefits assessment developed by EPA in cooperation with the States and other organizations. A summary of the FFY 2019 loans and the resulting benefits will be provided in the end-of-year-annual report.

**AMOUNT OF FUNDS TRANSFERRED BETWEEN THE CLEAN WATER SRF AND THE DRINKING WATER SRF**

The Safe Drinking Water Act Amendments of 1996 and subsequent congressional action allows states to transfer an amount equal to 33 percent of its Drinking Water SRF capitalization grant to the Clean Water SRF

or an equivalent amount from the Clean Water SRF to the Drinking Water SRF. States can also transfer state match, investment earnings, or principal and interest repayments between SRF programs and may transfer a previous year's allocation at any time.

South Dakota has transferred \$15,574,320 from the Clean Water SRF program to the Drinking Water SRF program in past years. In fiscal year 2006 and 2011, \$7.5 million in leveraged bond proceeds and \$10 million of repayments, respectively, were transferred from the Drinking Water SRF program to the Clean Water SRF program. With the 2019 capitalization grant, the ability exists to transfer more than \$52.0 million from the Clean Water SRF program to the Drinking Water SRF program. More than \$50.1 million could be transferred from the Drinking Water Program to the Clean Water SRF program. The table on page 10 details the amount of funds transferred between the programs and the amount of funds available to be transferred.

No transfers are expected in FFY 2019.

## **INFORMATION ON THE ACTIVITIES TO BE SUPPORTED**

The primary type of assistance to be provided by the Clean Water SRF is direct loans including refinancing of existing debts where eligible. Loan assistance will be provided to municipalities, sanitary districts, counties, or other units of government for publicly owned wastewater treatment facilities, storm sewers, and nonpoint source pollution control programs in accordance with the Clean Water SRF administrative rules adopted by the Board of Water and Natural Resources. With the adoption of the amended and restated Master Indenture in 2004, the Clean Water and Drinking Water SRF programs are cross-

collateralized. This allows the board to pledge excess revenues on deposit in the Drinking Water SRF program to act as additional security for bonds secured by excess revenues on deposit in the Clean Water SRF program, and vice versa.

## **Sources of Loan Funds**

Loan funds are derived from various sources and include federal capitalization grants, state match, leveraged bonds, borrowers' principal repayments, and interest earnings.

Capitalization Grants/State Match: Federal capitalization grants are provided to the state annually. These funds must be matched by the state at a ratio of 5 to 1. The fiscal year 2019 capitalization grant is expected to be \$7,859,000 which requires \$1,571,800 in state match. Bond proceeds will be used to match FFY 2019 capitalization grant funds.

For purposes of meeting FFY 2019 proportionality requirements, the South Dakota Clean Water SRF program will document the expenditure of repayments and bond proceeds in an amount equivalent to the entire required state match.

Leveraged Bonds: The South Dakota Conservancy District has the ability to issue additional bonds above that required for state match, known as leveraged bonds. It is anticipated that up to \$75.0 million in leveraged bonds will be required in FFY 2019.

Borrowers' Principal Repayments: The principal repaid by the loan borrowers is used to make semi-annual leveraged bond payments. Any excess principal is available for loans. It is estimated that \$3,000,000 in principal repayments will become available for loans in FFY 2019.

Interest Earnings: The interest repaid by the loan borrowers, as well as interest earned on investments, is dedicated to make semi-annual state match bond payments. Any excess interest is available for loans. It is estimated that \$6,500,000 in interest earnings will become available for loans in FFY 2019.

### **Additional Subsidy - Principal Forgiveness**

The 2010 and 2011 Clean Water SRF appropriations mandated that not less than 30 percent of the funds made available for Clean Water SRF capitalization grants be used by the State to provide additional subsidy to eligible recipients and shall only apply to the portion of the national allocation that exceeds \$1,000,000,000. The 2012 through 2014 capitalization grants mandated additional subsidy be provided in an amount not less than 20 percent, but not more than 30 percent, of that portion of the national allocation that exceeds \$1,000,000,000. Additional subsidy may be in the form of forgiveness of principal, negative interest loans, or grants (or any combination of these).

Additional subsidy will be provided in the form of principal forgiveness. Municipalities and sanitary districts must have a minimum rate of \$30 per month based on 5,000 gallons usage or a flat rate to qualify for principal forgiveness. Other applicants must have a minimum rate of \$40 per month based on 5,000 gallons usage or a flat rate to qualify for principal forgiveness.

With the passage of the Water Resources Reform and Development Act (WRRDA) in June 2014, states may provide additional subsidization when the total amount appropriated for capitalization grants exceeds \$1,000,000,000. Additional subsidization can be provided to a municipality only if it meets the affordability requirements

established by the state or to projects that implement a process, material, technique, or technology with water efficiency, energy efficiency, mitigation of stormwater runoff or sustainability benefits.

The 2016 through 2018 appropriation acts required an additional 10 percent of the capitalization grant be used for additional subsidy and is available for any eligible borrower. At this time South Dakota will only provide this 10 percent to borrowers who meet the state's affordability criteria.

When determining the amount of principal forgiveness, the Board of Water and Natural Resources may consider the following decision-making factors, which are set forth in alphabetical order:

- (1) Annual utility operating budgets;
- (2) Available local cash and in-kind contributions;
- (3) Available program funds;
- (4) Compliance with permits and regulations;
- (5) Debt service capability;
- (6) Economic impact;
- (7) Other funding sources;
- (8) Readiness to proceed;
- (9) Regionalization or consolidation of facilities;
- (10) Technical feasibility;
- (11) Utility rates; and
- (12) Water quality benefits.

Table 1 summarizes the amounts of principal forgiveness provided with the 2010 – 2018 capitalization grants.

Table 1 – Principal Forgiveness Status

FFY	Principal Forgiveness	
	Minimum	Maximum
2010	\$1,497,982	\$4,993,274
2011	\$669,233	\$2,230,777
2012	\$383,922	\$575,882
2013	\$307,120	\$460,680
2014	\$372,924	\$559,386
2015	\$0	\$2,045,100
2016	\$652,500	\$2,610,000
2017	\$647,400	\$2,589,600
2018	\$785,900	\$3,143,600
2019 (est)	\$785,900	\$3,143,600
	\$6,102,881	\$22,351,899

Awarded as of September 30, 2018

Awarded from 2010 grant	\$4,993,274
Awarded from 2011 grant	\$2,230,777
Awarded from 2012 grant	\$575,882
Awarded from 2013 grant	\$460,680
Awarded from 2014 grant	\$559,386
Awarded from 2015 grant	\$2,045,100
Awarded from 2016 grant	\$2,610,000
Awarded from 2017 grant	\$2,268,914
Awarded from 2018 grant	\$0

In compliance with the WRRDA provisions South Dakota has adopted the affordability criteria below.

1. All applicants will be awarded points to determine principal forgiveness eligibility as follows:
  - a. Five points if an applicant’s median household income is equal to or less than 80 percent of the statewide median household income;
  - b. Three points if an applicant’s median household income is equal to or less than the statewide median household income and greater than 80 percent of

the statewide median household income;

- c. One point if the applicant’s 2010 census population is less than the applicant’s 2000 census population; and
  - d. One point if an applicant’s county unemployment rate is greater than the statewide unemployment rate.
2. If the boundaries of an applicant are located in more than one county, the unemployment rate of the county with the largest percentage of the applicant’s population will be used.
  3. Applicants must receive a minimum of five points to be eligible for principal forgiveness in the upcoming fiscal year.

The source of median household income statistics will be the American Community Survey or other statistically valid income data supplied by the applicant and acceptable to the board.

The source of unemployment rates will be the 2013 average unemployment rates as determined by the South Dakota Department of Labor and Regulation, Labor Force Statistics.

Systems that are eligible to receive principal forgiveness are identified in Attachment I and Attachment II. Attachment II - List of Projects to be Funded in FFY 2019 identifies \$4,614,000 in potential principal forgiveness.

### Green Project Reserve

Recent Clean Water SRF appropriations mandated that to the extent there are sufficient eligible project applications, a portion of the funds made available for each

year's Clean Water SRF capitalization grant shall be used by the State for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. These four categories of projects are the components of the Green Project Reserve.

Sufficient funds have been awarded to qualifying projects to meet the 2010 – 2015 capitalization grants Green Project Reserve requirements.

The Green Project Reserve requirement was included in the 2010 - 2018 capitalization grants, and required that not less than 10 percent be made available for Green Project Reserve eligible projects. It is anticipated that the 2019 capitalization grant will include a requirement that not less than 10 percent be made available for Green Project Reserve eligible projects. Attachment II – List of Projects to be Funded in FFY 2019 identifies five projects with \$1,511,000 of Green Project Reserve eligible project components. This amount, combined with \$812,000 of existing unclosed loan obligations, will nearly meet the 10 percent requirement of the 2016 - 2019 capitalization grants which have not yet been met.

**Interest Rates**

Interest rates are reviewed periodically in comparison to established bond rating indexes to assure rates are at or below market rates as required. The SRF rates are then set to be competitive with other funding agencies.

The interest rates for FFY 2019 are summarized in Table 2. The rates were adjusted in November 2018.

Projects for traditional wastewater or stormwater projects that include a nonpoint

source component may receive the nonpoint source rate. The annual principal and interest payments are calculated for a loan at the higher base interest rate. Using the lower interest incentive rate, a loan is sized using the annual payment previously calculated. The difference in the two loan amounts is the amount of funding available for the nonpoint source component of the project.

Table 2 – Clean Water SRF Interest Rates

	Up to 5 Yrs	Up to 10 Yrs	Up to 20 Yrs	Up to 30 Yrs*
<u>Interim Rate</u>				
Interest Rate	2.00%			
Admin. Surcharge	0.00%			
Total	2.00%			
<u>Base Rate</u>				
Interest Rate	1.50%	1.75%	2.00%	
Admin. Surcharge	0.75%	0.75%	0.75%	
Total	2.25%	2.50%	2.75%	
<u>Nonpoint Source Incentive Rate</u>				
Interest Rate	0.75%	1.00%	1.00%	
Admin. Surcharge	0.50%	0.50%	0.75%	
Total	1.25%	1.50%	1.75%	

\* Term cannot exceed useful life of the project.

**Administrative Surcharge Activities**

The interest rate includes an administrative surcharge as identified in Table 2. The surcharge was established to provide a pool of funds to be used for administrative purposes after the state ceases to receive capitalization grants. The administrative surcharge is also available for other purposes, as determined eligible by EPA and at the discretion of the Board of Water and Natural Resources and department. Recent emphasis has been on using the surcharge for purposes other than reserves for future program administration.

In fiscal year 2001, the board initiated the Small Community Planning Grant program to encourage proactive planning by small communities. The planning grants reimburse 80 percent of the cost of the study. Planning grants are available only to communities of 2,500 or less. Communities are reimbursed 80 percent of the cost of an engineering study, with the maximum grant amount for any project being \$10,000.

Administrative surcharges are being used for non-federal cost share for Total Maximum Daily Load (TMDL) assessment and implementation projects.

Additionally, administrative surcharges have been allocated to supplement the Consolidated program by providing water quality grants to Clean Water SRF eligible projects.

Beginning in fiscal year 2005, administrative surcharge funds were also provided to the planning districts to defray the cost of SRF application preparation and project administration. Reimbursement is \$9,000 per approved loan with payments made in \$3,000 increments as certain milestones are met. Future allocations for this activity are anticipated and will be based on expected loan demand.

The American Recovery and Reinvestment Act (ARRA) of 2009 and subsequent capitalization grants through 2014 had mandated implementation of Davis-Bacon prevailing wage rules. The WRRDA of 2014 included Davis-Bacon prevailing wage requirements for all capitalization grants going forward. Under joint powers agreements between the planning districts and the department, the planning districts are reimbursed \$1,100 per project to oversee compliance with the Davis-Bacon wage rate verification and certification.

### **Administrative Surcharge Uses in FY 2019**

As of September 30, 2018, \$165,745 of unobligated administrative surcharge funds is available. It is anticipated that the administrative surcharge will generate an additional \$1,400,000 in FFY 2019.

In FFY 2019, \$1,000,000 of administrative surcharge funds will be allocated. It is proposed to allocate \$100,000 for planning grants and \$900,000 to supplement the Consolidated and Section 319 programs with grants for wastewater treatment and TMDL implementation projects.

Administrative surcharge funds will again be provided to the planning districts to defray the cost of SRF application preparation and project administration, which includes Davis-Bacon wage rate verification and certification. The FFY 2019 allocation for these activities will be \$200,000.

In FFY 2019, \$25,000 of administrative surcharge funds will be allocated to assist SRF applicants to improve the financial or managerial capacity of the wastewater utility. In 2018, DENR signed a three year contract with Midwest Assistance Program to provide these services.

### **Capitalization Grant Administrative Allowance**

The WRRDA of 2014 provides three options to states to calculate the administrative fees available from each year's capitalization grant. States may use the larger of 1) an amount equal to four percent of the annual capitalization grant, 2) \$400,000 per year or 3) 1/5 of a percent of the current valuation of the Clean Water SRF fund based on the most recent previous year's audited financial statements.

Four percent of the expected fiscal year 2019 capitalization grant is \$314,360, and 1/5 of a percent of the current fund valuation of \$242,925,024 results in \$485,850 available for administrative fees. As a result, an administrative allowance of \$485,850 will be reserved for administrative purposes in FFY 2019.

## **ASSURANCES AND SPECIFIC PROPOSALS**

The state has assured compliance with the following sections of the law in the State/EPA Operating Agreement – XI Certification Procedures. In addition, the state has developed specific proposals on implementation of those assurances in the administrative rules promulgated by the Board of Water and Natural Resources.

Section 602(a) – Environmental Reviews – The state certifies that it will conduct environmental reviews of each project on Attachment II receiving assistance from the Clean Water SRF, as applicable. The state will follow EPA-approved National Environmental Policy Act (NEPA) procedures in conjunction with such environmental reviews.

Section 602(b)(3) – Binding Commitments – The state certifies that it will enter into binding commitments equal to at least 120 percent of each quarterly grant payment within one year after receipt.

Section 602(b)(4) – Timely Expenditures of Funds – The state is committed to obligate Clean Water SRF moneys to eligible applicants as quickly and efficiently as possible to facilitate the financing of eligible projects and to initiate construction with a minimum of delay.

Section 602(b)(5) – First Use Enforceable Requirements – The state certifies that all major and minor wastewater treatment facilities identified as part of the National Municipal Policy (NMP) universe are:

1. in compliance, or
2. have received funding through various state and federal assistance programs and constructed a facility designed to produce an effluent capable of meeting the appropriate permit limits and achieve compliance with its discharge permit, or
3. have upgraded existing facilities or constructed new facilities through its own means to achieve compliance with its discharge permit.

Section 602(b)(6) – Compliance with Title II Requirements – The state certifies that it will comply as applicable.

Section 602(b)(13) – Cost Effectiveness Certification – The state will require Clean Water SRF assistance recipients and their consulting engineer to certify that they have studied and evaluated the cost effectiveness of the proposed project, and to the maximum extent practicable, have selected the alternative that maximizes the potential for efficient water use, reuse, and recapture, and conservation and energy conservation.

Section 602(b)(14) – Procurement of Architectural and Engineering Services – The state will not provide Clean Water SRF assistance to projects for architectural or engineering services that are identified as an equivalency project in the annual report, unless the project has complied with the architectural and engineering procurement procedures identified in 40 U.S.C. 1101 *et seq.*

Section 608 – American Iron and Steel Provisions – The state certifies that it will require American Iron and Steel products to be utilized for all treatment works projects receiving assistance from the Clean Water SRF, as applicable.

### **CRITERIA AND METHOD FOR DISTRIBUTION OF FUNDS**

The Clean Water SRF funds are distributed using the following criteria:

1. the availability of funds in the Clean Water SRF program;
2. the applicant's need;
3. violation of health and safety standards;  
and
4. the applicant's ability to repay.

The methods and criteria used are designed to provide the maximum flexibility and assistance that is affordable to the borrower while providing for the long-term viability of the fund.

**Public Review and Comment** – On May 25, 1988, a public hearing was held to review the initial Clean Water SRF rules and to receive comments. The Board of Water and Natural Resources approved the rules following the hearing. Revisions to the Clean Water SRF rules have been made periodically to reflect the needs of the program.

A formal public hearing was held for the South Dakota FFY 2019 Clean Water SRF Intended Use Plan on November 8, 2018.

**Table 3 – Amounts Available to Transfer between State Revolving Fund Programs**

<b>Year</b>	<b>DWSRF Capitalization Grant</b>	<b>Amount Available for Transfer</b>	<b>Banked Transfer Ceiling</b>	<b>Amount Transferred from CWSRF to DWSRF</b>	<b>Amount Transferred from DWSRF to CWSRF</b>	<b>Transfer Description</b>	<b>CWSRF Funds Available to Transfer</b>	<b>DWSRF Funds Available to Transfer</b>
1997	\$12,558,800	\$4,144,404	\$4,144,404				\$4,144,404	\$4,144,404
1998	\$7,121,300	\$2,350,029	\$6,494,433				\$6,494,433	\$6,494,433
1999	\$7,463,800	\$2,463,054	\$8,957,487				\$8,957,487	\$8,957,487
2000	\$7,757,000	\$2,559,810	\$11,517,297				\$11,517,297	\$11,517,297
2001	\$7,789,100	\$2,570,403	\$14,087,700				\$14,087,700	\$14,087,700
2002	\$8,052,500	\$2,657,325	\$16,745,025	\$7,812,960		CW Cap Grant/Match	\$8,932,065	\$16,745,025
2003	\$8,004,100	\$2,641,353	\$19,386,378	\$7,761,360		CW Cap Grant/Match	\$3,812,058	\$19,386,378
2004	\$8,303,100	\$2,740,023	\$22,126,401				\$6,552,081	\$22,126,401
2005	\$8,285,500	\$2,734,215	\$24,860,616				\$9,286,296	\$24,860,616
2006	\$8,229,300	\$2,715,669	\$27,576,285		\$7,500,000	Leveraged Bonds	\$12,001,965	\$20,076,285
2007	\$8,229,000	\$2,715,570	\$30,291,855				\$14,717,535	\$22,791,855
2008	\$8,146,000	\$2,688,180	\$32,980,035				\$17,405,715	\$25,480,035
2009	\$8,146,000	\$2,688,180	\$35,668,215				\$20,093,895	\$28,168,215
2010	\$13,573,000	\$4,479,090	\$40,147,305				\$24,572,985	\$32,647,305
2011	\$9,418,000	\$3,107,940	\$43,255,245		\$10,000,000	Repayments	\$27,680,925	\$25,755,245
2012	\$8,975,000	\$2,961,750	\$46,216,995				\$30,642,675	\$28,716,995
2013	\$8,421,000	\$2,788,930	\$48,995,925				\$33,421,605	\$31,495,925
2014	\$8,845,000	\$2,918,850	\$51,914,775				\$36,340,455	\$34,414,775
2015	\$8,787,000	\$2,899,710	\$54,814,485				\$39,240,165	\$37,314,485
2016	\$8,312,000	\$2,742,960	\$57,557,445				\$41,983,125	\$40,057,445
2017	\$8,241,000	\$2,719,530	\$60,276,975				\$44,702,655	\$42,776,975
2018	\$11,107,000	\$3,665,310	\$63,942,285				\$48,367,965	\$46,442,285
2019 (est)	\$11,107,000	\$3,665,310	\$67,607,595				\$52,033,275	\$50,107,595

## ATTACHMENT I

### PROJECT PRIORITY LIST

Attachment I is a comprehensive list of projects that are eligible for Clean Water SRF loans. This list was developed from State Water Plan applications. Inclusion on the list carries no obligations to the Clean Water SRF program. Attachment II lists those projects expected to be funded in FFY 2019.

Priority Points	Loan Recipient	Project Number	Project Description	Estimated Loan Amount	Expected Loan Rate & Term	Principal Forgiveness Eligible
31	Fort Pierre	C461049-07	Installation of aeration and mixing equipment in the primary cells of the existing treatment ponds to address organic loadings and ammonia. A chemical disinfection point will be added to allow continuous discharge, and the discharge location will be moved from the Bad River to the Missouri River. The collection system will be cleaned and televised to prioritize future line replacement.	\$3,930,000	2.50%, 20 yrs	
28	Watertown	C461029-12	Construction of new gravity and low pressure sewer main to connect a development on the edge of the city currently utilizing on-site septic systems to the city's wastewater treatment system.	\$832,896	2.75%, 30 yrs	
23	Lake Poinsett Sanitary District	C461027-05	Extension of the sanitary sewer collection system to serve additional residences and the construction of a total retention wastewater treatment lagoon system.	\$10,000,000	2.75%, 30 yrs	
21	Piedmont	C461462-01	Construction of a centralized collection system and activated sludge treatment facility to replace on-site septic systems within the municipality.	\$4,500,000	2.50%, 20 yrs	Yes (Pending rate increase)

<b>Priority Points</b>	<b>Loan Recipient</b>	<b>Project Number</b>	<b>Project Description</b>	<b>Estimated Loan Amount</b>	<b>Expected Loan Rate &amp; Term</b>	<b>Principal Forgiveness Eligible</b>
21	Volga	C461046-02	Installation of final clarifiers to allow conversion to an activated sludge process and construction of sludge drying beds at the wastewater treatment facility to allow the city to continue discharging and maintain compliance. The project will also include making other upgrades at the wastewater treatment facility and relining or replacement of approximately 7,200 feet of sewer main, and related appurtenances.	\$7,766,000	2.50%, 20 yrs	
20	Sioux Falls	C461232-40	Replacement of the city's main wastewater pump station to ensure adequate capacity in the system to handle all sanitary sewer flows.	\$25,646,324	1.00%, 10 yrs	
18	Huron	C461291-05	Replacement and improvements to the wastewater treatment facility pretreatment and sequencing batch reactor equipment that is beyond its useful life.	\$5,706,000	2.75%, 30 yrs	
18	Pierre	C461288-09	Install improvements to the wastewater treatment facility to include influent pumping and screening upgrades, improvements to the digester and solid handling processes, replacement of the outfall line pipe, and installation of an emergency pump facility on the outfall line in case of flooding.	\$11,300,000	2.50%, 20 yrs	
17	Harrisburg	C461065-07	Construction of a new wastewater treatment facility or payment of a system regionalization development charge implemented by the city of Sioux Falls to be a regional user.	\$23,917,000	2.50%, 20 yrs	

<b>Priority Points</b>	<b>Loan Recipient</b>	<b>Project Number</b>	<b>Project Description</b>	<b>Estimated Loan Amount</b>	<b>Expected Loan Rate &amp; Term</b>	<b>Principal Forgiveness Eligible</b>
16	Hot Springs	C461040-03	Construction of new gravity sewer main to connect users currently utilizing on-site septic systems to the city's wastewater treatment system.	\$638,525	2.75%, 30 yrs	Yes (Pending rate increase)
15	Springfield	C461071-01	Construction of additional wastewater treatment cells to provided needed capacity, rehabilitation of one lift station, and replacement of a second lift station. The collection system will be televised to assess condition for possible future projects.	\$2,891,068	2.75%, 30 yrs	Yes (Pending rate increase)
14	Aurora	C461081-03	Construction of a submerged attached growth reactor pond (SAGR), installation of mixing equipment in existing ponds, installing an ultraviolet disinfection system and constructing an outfall line and lift station for discharge.	\$4,200,000	2.75%, 30 yrs	
13	Lake Norden	C461256-02	Bank stabilization and rip-rapping of the two oldest treatment ponds and replacement of control valves. The main lift station will also be replaced as a part of the project.	\$1,723,700	2.75%, 30 yrs	Yes (Pending rate increase)
12	Claremont	C461325-01	Replacement of all existing VCP sanitary sewer lines with PVC, rehabilitation of the 5 <sup>th</sup> Street lift station, and installation of a synthetic liner on the initial cell of the treatment ponds.	\$1,831,446	2.75%, 30 yrs	Yes
12	Frederick	C461195-01	Televising the wastewater collection pipe and repair lines with cast-in-place pipe or replacement with PVC. The project will also install new controls for the lift station and rip-rip the treatment ponds	\$2,988,000	2.75%, 30 yrs	Yes (Pending rate increase)

<b>Priority Points</b>	<b>Loan Recipient</b>	<b>Project Number</b>	<b>Project Description</b>	<b>Estimated Loan Amount</b>	<b>Expected Loan Rate &amp; Term</b>	<b>Principal Forgiveness Eligible</b>
12	Pierpont	C461076-01	Replacement of all existing VCP sanitary sewer lines with PVC and installation of a synthetic liner on the initial cell of the treatment ponds.	\$1,333,000	2.75%, 30 yrs	
11	Belle Fourche	C461012-04	Replacement of the existing Day Street lift station. The current lift station is beyond it useful life and no longer able to adequately convey the wastewater flows.	\$1,836,000	2.50%, 20 yrs	Yes (Pending rate increase)
11	Brandon	C461032-07	Installation of new trunk sewers to eliminate lift stations and convey wastewater to the main lift station to Sioux Falls.	\$10,123,000	2.75%, 30 yrs	
11	Miller	C461128-04	Replacement of approximately 13,920 feet of sewer lines, 4,780 feet of storm sewer and related appurtenances throughout the city.	\$5,239,000	2.50%, 30 yrs	
10	Dell Rapids	C461064-09	Installation of approximately 20,600 feet of new forcemain, 2 lift stations, 5,900 feet of gravity sewer, and related appurtenances to serve an undeveloped area near Interstate 29. The project would also include replacement of approximately 12,500 feet of sanitary sewer, 34 manholes and related appurtenances in the eastern portion of the city.	\$10,098,900	2.75%, 30 yrs	
10	Elkton	C461229-02	Cleaning and televising the entire collection system, replacement or relining of approximately 44,500 feet of sewer lines, manholes, and related appurtenances throughout the city.	\$8,412,000	2.75%, 30 yrs	
10	Hot Springs	C461040-04	Replacement of approximately 1,425 feet of sewer lines and manholes on Houston Avenue.	\$197,000	2.75%, 30 yrs	Yes (Pending rate increase)

<b>Priority Points</b>	<b>Loan Recipient</b>	<b>Project Number</b>	<b>Project Description</b>	<b>Estimated Loan Amount</b>	<b>Expected Loan Rate &amp; Term</b>	<b>Principal Forgiveness Eligible</b>
10	Hot Springs	C461040-05	Replacement of approximately 5,640 feet of sewer lines and manholes under SD Hwy 385/18.	\$700,928	2.75%, 30 yrs	Yes (Pending rate increase)
10	Lake Preston	C461011-01	Replacement or relining of approximately 20,000 feet of sewer lines and related appurtenances throughout the city.	\$4,200,000	2.75%, 30 yrs	
10	Lead	C461007-10	Replacement of 1,500 feet of sanitary sewer, manholes, and related appurtenances, and installation of storm sewer on Houston Street.	\$104,046	2.75%, 30 yrs	
10	Mitchell	C461129-06	Replacement of sanitary and storm sewer pipes within the East Central Drainage system.	\$2,223,000	2.50%, 30 yrs	
10	Onida	C461234-02	Replacement of approximately 31,900 feet of sewer lines, 83 manholes, and related appurtenances throughout the city. An existing lift station will be replaced that is beyond its useful life.	\$7,900,000	2.75%, 30 yrs	
10	Watertown	C461029-12	Construction of a new wastewater treatment administration and operations building. The current buildings were constructed in 1993 and 1930 and no longer meet code or operational needs for the city.	\$5,665,000	2.75%, 30 yrs	
9	Elk Point	C461059-08	Replacement of sanitary sewer pipes on Douglas Street that are beyond their useful life.	\$243,000	2.75%, 30 yrs	
9	Faith	C461249-01	Cleaning and televising the entire collection system, replacement or relining of approximately 15,000 feet of sewer lines, 34 manholes, and related appurtenances throughout the city.	\$1,315,821	2.75%, 30 yrs	Yes (Pending rate increase)

<b>Priority Points</b>	<b>Loan Recipient</b>	<b>Project Number</b>	<b>Project Description</b>	<b>Estimated Loan Amount</b>	<b>Expected Loan Rate &amp; Term</b>	<b>Principal Forgiveness Eligible</b>
9	Irene	C461255-02	Replacement of 7,200 feet of sanitary sewer pipe, 3,400 feet of storm sewer pipe, manholes, and related appurtenances throughout the area north of Main Street.	\$2,564,966	2.75%, 30 yrs	Yes
9	Roscoe	C461292-02	Cleaning and televising the entire collection system, replacement or relining of approximately 23,000 feet of sewer lines, manholes, and related appurtenances throughout the city.	\$4,334,469	2.75%, 30 yrs	
8	Avon	C461242-01	Replacement of sanitary sewer pipes on Main Street that are beyond their useful life.	\$160,000	2.75%, 30 yrs	
8	Bowdle	C461243-01	Replacement of approximately 1,400 feet of clay sanitary sewer with 8-inch PVC pipe and related appurtenances under Main Street.	\$355,000	2.75%, 30 yrs	
8	Marion	C461020-03	Replacement of 300 feet of sanitary sewer, and installation of 3,400 feet of storm sewer and related appurtenances on Broadway Avenue.	\$2,323,261	2.75%, 30 yrs	
8	McIntosh	C461286-01	Cleaning and televising the entire collection system, replacement or relining of approximately 20,300 feet of sewer lines, and related appurtenances. The project will also re-construct the wastewater treatment pond clay liners and berms.	\$2,005,000	2.75%, 30 yrs	Yes (Pending rate increase)
8	Tea	C461028-08	Replacement of approximately 4,350 feet of sewer lines and manholes as part of the reconstruction of 1 <sup>st</sup> and Ceylon Avenues.	\$790,000	2.75%, 30 yrs	
8	Tea	C461028-09	Replacement of approximately 5,100 feet of sewer lines and manholes as part of the reconstruction of Brian Street.	\$1,491,000	2.75%, 30 yrs	

<b>Priority Points</b>	<b>Loan Recipient</b>	<b>Project Number</b>	<b>Project Description</b>	<b>Estimated Loan Amount</b>	<b>Expected Loan Rate &amp; Term</b>	<b>Principal Forgiveness Eligible</b>
8	Tea	C461028-10	Installation of approximately 4,400 feet of gravity sewer lines, 11,800 feet of forcemain to provide for service for future development along and adjacent to 271 <sup>st</sup> Street.	\$733,000	2.75%, 30 yrs	
8	Tea	C461028-11	Installation of approximately 6,465 feet of gravity sewer lines to provide for service for future development north of 93 <sup>rd</sup> Street and east of Sundowner Avenue.	\$2,285,000	2.75%, 30 yrs	
7	Chamberlain	C461044-05	Replacement of approximately 200 water meters and upgrade of the automatic meter reading system and transmitters for the 800 meters not being replaced.	\$250,000	2.00%, 10 yrs	Yes (Green Project)
7	Pukwana	C461417-01	Replacement or relining of approximately 6,850 feet of sewer lines and related appurtenances.	\$1,740,000	2.75%, 30 yrs	Yes (Pending rate increase)
6	Philip	C461205-06	Replacement of approximately 220 water meters and installation of an automatic meter reading system and transmitters for all other meters not being replaced.	\$340,000	2.25%, 10 yrs	Yes (Green Project)
5	Blunt	C461265-02	Replacement of approximately 180 water meters and installation of an automatic meter reading system.	\$530,000	2.25%, 10 yrs	Yes (Green Project, pending rate increase)
5	Bridgewater	C461112-04	Replacement of storm sewer piping and inlet structures throughout the developed portion of the community.	\$2,340,000	2.75%, 30 yrs	
5	Bryant	C461121-01	Replacement or relining of approximately 16,500 feet of sanitary sewer lines and related appurtenances and replacement of 2,640 feet of storm sewer pipe.	\$4,612,000	2.75%, 30 yrs	Yes

<b>Priority Points</b>	<b>Loan Recipient</b>	<b>Project Number</b>	<b>Project Description</b>	<b>Estimated Loan Amount</b>	<b>Expected Loan Rate &amp; Term</b>	<b>Principal Forgiveness Eligible</b>
5	Colome	C461269-01	Replacement of approximately 184 water meters and installation of an automatic meter reading system.	\$345,000	2.25%, 10 yrs	Yes (Green Project)
5	Gayville	C461250-02	Replacement of approximately 200 water meters and installation of an automatic meter reading system.	\$46,000	2.25%, 10 yrs	Yes (Green Project)

**ATTACHMENT II – LIST OF PROJECTS TO BE FUNDED IN FFY 2019**

Priority Points	Loan Recipient	Project Number	Assistance Amount	Principal Forgiveness <sup>1</sup>	Funding Date	Expected Funding Source <sup>2</sup>
	<i>Green Project Reserve Information</i>					
Loans Expected						
20	Sioux Falls	C461232-40	\$25,646,324	\$0	Jan. 2019	2017/18/19/ Lev. Funds
11	Miller	C461128-04	\$5,239,000	\$0	Jan. 2019	Leveraged Funds
10	Mitchell	C461129-06	\$2,223,000	\$0	Jan. 2019	Leveraged Funds
7	Chamberlain <i>GPR Project Type: Water Efficiency (Categorical) GPR Amount: \$250,000</i>	C461044-05	\$250,000	\$75,000	Jan. 2019	Leveraged Funds
15	Springfield	C461071-01	\$2,891,068	\$0	March 2019	Leveraged Funds
14	Aurora	C461081-03	\$4,200,000	\$0	March 2019	Leveraged Funds
13	Lake Norden	C461256-02	\$1,723,700	\$344,000	March 2019	Leveraged Funds
12	Claremont	C461325-01	\$1,831,446	\$366,000	March 2019	Leveraged Funds
12	Pierpont	C461076-01	\$1,333,000	\$0	March 2019	Leveraged Funds
11	Belle Fourche	C461012-04	\$1,836,000	\$366,000	March 2019	Leveraged Funds
10	Elkton	C461229-02	\$8,412,000	\$0	March 2019	Leveraged Funds
10	Lake Preston	C461011-01	\$4,200,000	\$0	March 2019	Leveraged Funds
10	Lead	C461007-10	\$104,046	\$0	March 2019	Leveraged Funds
10	Watertown	C461029-12	\$5,665,000	\$0	March 2019	Leveraged Funds
9	Irene	C461255-02	\$2,564,966	\$512,000	March 2019	Leveraged Funds
9	Roscoe	C461292-02	\$4,334,469	\$0	March 2019	Leveraged Funds
8	Avon	C461242-01	\$160,000	\$0	March 2019	Leveraged Funds
8	Marion	C461020-03	\$2,323,261	\$0	March 2019	Leveraged Funds
6	Philip <i>GPR Project Type: Water Efficiency (Categorical) GPR Amount: \$340,000</i>	C461205-06	\$340,000	\$102,000	March 2019	Leveraged Funds
5	Gayville <i>GPR Project Type: Water Efficiency (Categorical) GPR Amount: \$46,000</i>	C461250-02	\$46,000	\$14,000	March 2019	Leveraged Funds

1. Principal forgiveness amounts shown for loans expected are estimates for planning purposes only.

2. Projects identified using capitalization grant funds are for equivalency requirements planning purposes only, actual projects used for capitalization grant equivalency will be identified on the FFY 2019 annual report.

**ATTACHMENT II – LIST OF PROJECTS TO BE FUNDED IN FFY 2019 (Continued)**

Priority Points	Loan Recipient	Project Number	Assistance Amount	Principal Forgiveness <sup>1</sup>	Funding Date	Expected Funding Source <sup>2</sup>
	<i>Green Project Reserve Information</i>					
Loans Expected						
31	Fort Pierre	C461049-07	\$3,930,000	\$0	June 2019	Leveraged Funds
10	Hot Springs	C461040-05	\$700,928	\$140,000	June 2019	Leveraged Funds
9	Faith	C461249-01	\$1,315,821	\$262,000	June 2019	Leveraged Funds
8	Tea	C461028-08	\$790,000	\$0	June 2019	Leveraged Funds
7	Pukwana	C461417-01	\$1,740,000	\$348,000	June 2019	Leveraged Funds
5	Blunt	C461265-02	\$530,000	\$159,000	June 2019	Leveraged Funds
	<i>GPR Project Type: Water Efficiency (Categorical) GPR Amount: \$530,000</i>					
5	Colome	C461269-01	\$345,000	\$104,000	June 2019	Leveraged Funds
	<i>GPR Project Type: Water Efficiency (Categorical) GPR Amount: \$345,000</i>					
28	Watertown	C461029-12	\$832,896	\$0	Sept. 2019	Leveraged Funds
21	Piedmont	C461462-01	\$4,500,000	\$900,000	Sept. 2019	Leveraged Funds
18	Pierre	C461288-09	\$11,300,000	\$0	Sept. 2019	Repay/Lev. Funds
10	Onida	C461234-02	\$7,900,000	\$0	Sept. 2019	Repayments
8	Bowdle	C461243-01	\$355,000	\$0	Sept. 2019	Repayments
8	Tea	C461028-09	\$1,491,000	\$0	Sept. 2019	Repayments
5	Bryant	C461121-01	\$4,612,000	\$922,000	Sept. 2019	Repayments

1. Principal forgiveness amounts shown for loans expected are estimates for planning purposes only.

2. Projects identified using capitalization grant funds are for equivalency requirements planning purposes only, actual projects used for capitalization grant equivalency will be identified on the FFY 2019 annual report.

**ATTACHMENT III  
PROGRAM FUNDING STATUS**

**Federal Fiscal Years 1989 – 2018**

Capitalization Grants	\$195,151,200	
State Match	\$39,030,240	
ARRA Grant	\$19,239,100	
Program Administration Allowance	(\$8,665,926)	
Leveraged Funds	\$249,778,242	
Transfer FFY 2002 & 2003 Capitalization Grant and State Match to DWSRF	(\$15,574,320)	
Excess Interest as of September 30, 2018	\$95,701,965	
Excess Principal as of September 30, 2018	<u>\$169,740,348</u>	
 Total Funds Dedicated to Loan		 \$744,400,849
 Closed Loans made through September 30, 2018		 <u>(\$666,549,753)</u>
 Unclosed loans and available funds as of September 30, 2018		 \$77,881,096

**Federal Fiscal Year 2019 Projections**

Capitalization Grants	\$7,859,000	
State Match	\$1,571,800	
Program Administration Allowance	(\$485,850)	
Projected Excess Principal Repayments	\$3,000,000	
Projected Unrestricted Interest Earnings	\$6,500,000	
Leveraged Bonds	<u>\$75,000,000</u>	
Projected FFY 2019 Loan Subtotal		\$93,444,950
 Unclosed loans and funds Available for Loans		 \$171,296,046
 Loans Awarded and Unclosed as of September 30, 2018		 (\$53,607,925)
 Total Funds Available for Loans		 <u>\$117,688,121</u>
 Loan Amount Identified on Attachment II - List of Projects to be Funded in FFY 2019		 <u>\$115,665,925</u>

<b>Administrative Surcharge Funds Available as of September 30, 2018</b>	
Restricted Account (Administrative Purposes Only)	\$67,553
Discretionary Account (Available for Water Quality Grants)	<u>\$98,192</u>
Total	<u>\$165,745</u>