



DRINKING WATER

Federal FY 2019 DWSRF Intended Use Plan For State FY 2020

FINAL

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SCDHEC
Bureau of Water
2600 Bull Street
Columbia, SC 29201
www.scdhec.gov/srf



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I. Introduction

The Drinking Water State Revolving Fund (DWSRF) was created by the 1996 amendments to the federal Safe Drinking Water Act (SDWA) to assist public water systems with financing the cost of infrastructure needed to achieve or maintain compliance with the SDWA. Section 1452 of the SDWA authorizes the Administrator of the US Environmental Protection Agency (EPA) to award capitalization grants to states to provide seed money for the purpose of establishing a low-interest loan program (the DWSRF) and other types of assistance to eligible water systems.

This Intended Use Plan (IUP), required under the SDWA, describes how South Carolina proposes to use available SRF funds for State Fiscal Year (SFY) 2020 (July 1, 2019 through June 30, 2020) including federal funds allocated to South Carolina by the Consolidated Appropriations Act, 2019, and how those uses support the objectives of the SDWA in the protection of public health. South Carolina's allotment from the federal appropriations for federal fiscal year (FFY) 2019 is \$14,251,000. Eligibility for DWSRF loans and DWSRF program requirements, including any requirements of the applicable appropriations legislation are also included in the IUP.

The South Carolina Department of Health and Environmental Control (DHEC) has primary enforcement responsibility (i.e., primacy) for carrying out the provisions of the SDWA. DHEC is the designated state agency to apply for and administer the capitalization grant for the DWSRF. The South Carolina Water Quality Revolving Fund Authority (Authority) is responsible for the financial functions of the DWSRF, including its financial policies, and executes loan agreements with project sponsors. The Rural Infrastructure Authority (RIA) Office of Local Government (OLG) conducts the staff functions of the Authority.

Once prepared, an IUP must be noticed for a period of at least 30 days to accept comments from the public. Comments on all facets of the DRAFT IUP are accepted. After considering comments received, the IUP is finalized and posted on DHEC's website at www.scdhec.gov/srf.

II. Goals

South Carolina has identified several short and long term goals, designed to promote sustainable improvements to the state's drinking water infrastructure and help ensure maximum public health and environmental benefits.

A. Short Term Goals

1. Update the State Revolving Fund Operating Agreement between EPA and South Carolina.
2. Maintain a subcontract with a qualified vendor to provide technical assistance to small systems.

B. Long Term Goals

1. Promote sustainable system capacity through consolidation of systems thereby taking advantage of the economies of scale to address technical, managerial and financial capacity problems.
2. Assist local communities as they strive to achieve and maintain compliance with federal and state drinking water standards by funding projects that improve drinking water quality and protect public health.
3. Provide technical assistance to small systems to enhance sustainability and to achieve compliance with state and federal drinking water laws and regulations.
4. Support investment in green infrastructure, water and energy efficient improvements and environmentally innovative projects.
5. Maintain a working relationship with other infrastructure funding authorities within the state to coordinate water quality funding.
6. Maintain the fiscal integrity of the DWSRF to ensure the perpetuity of the fund.

III. Transfer of Funds From/To the Clean Water State Revolving Fund

The SC SRF program reserves the ability to transfer funds between the Clean Water (CW) SRF and DWSRF as provided for by federal law. Fund transfers from the CWSRF to the DWSRF or from the DWSRF to the CWSRF will be done to assist in meeting the funding demands in the CWSRF and DWSRF. The law allows the SRFs to transfer an amount equal to 33% of each annual Drinking Water capitalization grant. SC SRF would transfer non-federal funds made available by loan repayments. The EPA will receive written notification prior to any transfers occurring.

Due to demand for loans in the Clean Water SRF in SFY 2020, the SC SRF plans to transfer funds from the DWSRF to the CWSRF in an amount of \$21,889,230. This transfer will return funds that had previously been transferred from the CWSRF to the DWSRF, based on capitalization grants from FY10 through FY16.

IV. Provisional Projects List

The Drinking Water Provisional Project List (PPL) (Appendix A) identifies projects that are considered eligible and ready to proceed in the SFY 2020.

All loan projects on the PPL must complete the process detailed in Section V.C to receive funding.

Final funding decisions for each project are contingent on a satisfactory review of the project sponsor's technical and managerial capacity, a completed environmental review of the proposed project, issuance of a DHEC SRF construction permit (or construction approval letter), and a successful final credit review by the RIA/OLG for the Authority. The

availability of a loan from the Authority will be based on the project sponsor's financial capacity and its ability to afford repayment on the requested amount of debt.

The Provisional Project List includes projects that have been identified to receive principal forgiveness funds. These funds are only available if the FFY 2019 DWSRF Capitalization Grant is awarded by EPA and accepted by DHEC. Project listing is not a commitment of funding.

V. Method for Selecting Projects and Distribution of Funds

A. Priority Ranking System

DHEC has a Priority Ranking System for projects seeking funding from the DWSRF. A copy of the ranking system used to score and rank projects can be found on the SRF Documents and Forms webpage at <http://www.scdhec.gov/srfforms>.

B. Comprehensive Priority List of DWSRF Projects

For a project to be considered for funding from the DWSRF, it must appear on the Comprehensive Priority List of DWSRF Projects. To be included in this list, an eligible project sponsor must complete a project questionnaire (PQ), DHEC 3463, found on the SRF Documents and Forms webpage, <http://www.scdhec.gov/srfforms>. A project sponsor may submit a completed PQ to the SRF section of DHEC's Bureau of Water at any time. Once the PQ is received, DHEC staff evaluate the project based on the DWSRF Priority Ranking System and the project receives a numeric score. The project is then added to the Comprehensive Priority List of DWSRF Projects in rank order. Projects with the same numerical score are ordered based on how the project addresses correcting the risk to public health and compliance with the Safe Drinking Water Act and date received. DHEC maintains an updated Comprehensive Priority List on the SRF Documents and Forms webpage, <http://www.scdhec.gov/srfforms>.

If a project remains on the comprehensive priority list for three years and does not proceed, DHEC staff will contact the sponsor and request that a revised PQ be submitted within 30 days that updates the cost estimate along with any changes to the project description. A revised PQ is scored to determine priority rank and remains on the Comprehensive Priority List. If DHEC does not receive a revised PQ, the project is removed from the Comprehensive Priority List.

C. Selection of Projects and SRF Funding

The selection of projects for the Provisional Project List (Appendix A) is based on project ranking and the sponsor's indicated readiness to proceed with a project during SFY 2020. Ready to proceed in SFY 2020 means that a project will be in compliance with the SRF schedule for submission of an acceptable preliminary engineering report and construction permit application as well as a complete SRF loan application to the RIA/OLG.

The successful completion of a preliminary financial review should occur before a project sponsor proceeds with meeting the technical requirements for a loan. Based on the schedule established for a project, RIA/OLG will send the sponsor a loan application package. To proceed as an SFY 2020 SRF project, a project must receive a construction permit, or letter of approval to construct, and submit a complete loan application to RIA/OLG by July 31, 2020. For large projects, DHEC and RIA/OLG reserve the right to impose a limit on the amount of any given DWSRF loan, regardless of ranking, and to consider a sponsor's ability to obtain financing from other sources.

D. Bypass Procedure

When selecting projects for funding, DHEC may bypass projects on the Comprehensive Priority List as follows:

1. To comply with Section 1452(a)(2) of the SDWA, which requires that at least 15% of DWSRF must be used for assisting small water systems (systems serving <10,000 population).
2. To fund a project where a viable system owner is willing to assume ownership of a non-viable or abandoned system.
3. To address an imminent hazard to public health as determined by DHEC.
4. To fund a project that corrects violations of primary drinking water standards through consolidation or regionalization.

E. Expeditious Use of Funds

Due to an increase in expected utilization of SRF funding and in order to promote timely commitment and use of SRF funds, DHEC will set milestones for each project related to the completion of the PER and submission of plans and specifications to obtain a construction permit or letter of approval to construct. For the projects listed in Appendix A, the project sponsor must meet these milestones to ensure funds will not be committed to other projects. DHEC will take into account the complexity of the project and work with project sponsors in setting project milestones.

F. Sustainability Requirement

The DWSRF may not provide any financial assistance to a system that has failed to maintain a satisfactory level of SDWA compliance as enumerated by EPA's Enforcement Targeting Tool (ETT) unless the State conducts a review and determines that the project will enable the system to return to compliance and the system will maintain an adequate level of technical, managerial and financial capability to maintain compliance. Nor may assistance be provided to any project sponsor that lacks the technical, managerial or financial capability to maintain SDWA compliance, unless the sponsor agrees to undertake feasible and appropriate changes in operation or if the use of the financial assistance from the DWSRF will promote sustainability and compliance over the long-term (Section 1452(a)(3)(B)(I) of the SDWA).

Sponsor sustainability is evaluated using DHEC's Utility Sustainability Assessment (UtSA) (DHEC form 0574). The UtSA is a written system assessment completed by the Sponsor and reviewed and scored by DHEC that includes operational issues, managerial issues and limited financial information. Unless an acceptable score was received on a UtSA within the previous three years, a UtSA is requested of sponsors with projects on the Provisional Projects List. Additional financial assessment is performed by the RIA/OLG as part of the preliminary financial review and loan application process.

G. Growth

The DWSRF cannot provide assistance to finance the expansion of any drinking water system solely in anticipation of future population growth (Section 1452(g)(3)(C) of the SDWA). In determining whether or not a project is eligible for assistance, DHEC will determine the primary purpose of the project. If the primary purpose is to accommodate or attract growth, the project is not eligible to receive DWSRF funds. If the primary purpose is to solve a compliance or public health problem, the entire project, including the portion necessary to accommodate a reasonable amount of growth over its useful life, is eligible.

H. Interest Rates and Funding Terms for Eligible Projects

Visit the RIA/OLG website, <http://www.ria.sc.gov/> to view current SRF loan rates and policies. Interest rates for SFY 2020 are expected to be published by the RIA/OLG in early October 2019.

Up to 30 year financing is available for all borrowers not to exceed the useful life of the project components. Pipe and items constructed of concrete or steel qualify for a 30-year term, while mechanical and electrical components are limited to 20 years. Blended amortizations will be provided for loans with differing terms.

For any project requesting funds for both 20 and 30 year eligibilities, the engineer will provide in the PER an estimated cost breakout in sufficient detail for DHEC to determine items that qualify for 20 or 30 year financing based on useful life. This information will be used for the conditional loan commitment letter, but loan closing must be based on contractor prices.

Loans for projects with both 20 and 30 year requested construction cost items will have the 20/30 year cost breakdowns for the loan agreement determined once the bidding process is complete. If the successful contractor's bid is in sufficient detail for DHEC to determine the useful life of the components, no further breakout will be needed for loan closing. However, when the successful contractor's bid is not in sufficient detail to make the 20/30 year determinations, such as in a lump sum bid, the successful contractor, after the tentative award notice but before loan closing, must provide a breakout of the bid in sufficient detail for DHEC to make the necessary determinations of 20 and 30 year eligibility. So as to not delay loan closing and, in most cases execution of the construction contract, the selected contractor needs to develop and submit the detailed breakout to DHEC at the earliest possible time.

I. Loan Application

Sponsors of Provisional Projects who successfully complete RIA/OLG's preliminary financial review may apply to the Authority through RIA/OLG for SRF loan financing by submitting a loan application approximately 30 days prior to submitting plans and specifications as required for a DHEC/SRF construction permit or letter of approval. Authorization to construct the project, either through an SRF-issued Permit to Construct or Letter of Approval, both of which require a completed environmental review, is required before an SRF loan application is considered complete.

Loan applications are accepted from October 1 through July 31.

VI. Eligibilities

A. Eligible Sponsors

Municipalities, counties, special purpose districts, and other public entities are eligible SRF project sponsors.

B. Compliance and Public Health

According to Section 1452(a)(2) of the SDWA, the DWSRF may only provide assistance for expenditures (not including monitoring, operation and maintenance expenditures) of a type or category which will facilitate compliance with national primary drinking water regulations applicable to the system under section 1412 of the Act or otherwise significantly further the health protection objectives of the Act.

Projects to address SDWA health standards that have been exceeded or to prevent future violations of the rules are eligible for funding. This includes projects to maintain compliance with existing regulations for contaminants with acute health effects (i.e., the Surface Water Treatment Rule, the Total Coliform Rule, and nitrate standard) and regulations for contaminants with chronic health effects (i.e., Lead and Copper Rule, Phases I, II, and V rules, total trihalomethanes, etc.).

Projects to replace aging infrastructure are eligible if they are needed to maintain compliance or further the public health protection goals of the SDWA. Examples include projects to:

1. Rehabilitate or develop sources (excluding reservoirs, dams, dam rehabilitation and water rights) to replace contaminated sources;
2. Install or upgrade treatment facilities if the project would improve the quality of drinking water to comply with primary or secondary standards;
3. Install or upgrade storage facilities, including finished water reservoirs, to prevent microbiological contaminants from entering the water system; and
4. Install or replace transmission and distribution pipes to prevent contamination caused by leaks or breaks in the pipe, or to improve water pressure to safe levels.

Projects to consolidate water supplies—for example, when a public water supply is contaminated, or the system is unable to maintain compliance for financial or managerial reasons—are eligible for DWSRF assistance.

C. Land

Land is eligible only if it is integral to a project that is needed to meet or maintain compliance and further public health protection. In this instance, land that is “integral to a project” is only the land where eligible treatment or distribution projects will be located. The purchase price of all land, rights-of-ways, and easements, not to exceed the appraised value, may be included in the loan when: 1) the land is obtained less than one year prior to the date of submission of a complete loan application, 2) an appraisal, prepared by a qualified appraiser, is submitted on each parcel, right-of-way and easement with the loan application, and 3) the land is acquired from a willing seller. For land with structures or other improvements, only the appraised value of the land is DWSRF loan eligible, not the appraised value of the land with the structures or improvements.

D. Planning and Design Costs

A DWSRF loan may include the costs of project planning and services incurred prior to construction (e.g., costs associated with preparing the PER, plans and specifications, advertising, pre-bid conference, bidding procedures, pre-construction conference, loan application, or administration). Only those costs for which there is clear documentation of expenses incurred solely for the proposed project and are dated no earlier than 36 months prior to the date of a complete loan application to the RIA/OLG are eligible for funding under the DWSRF program.

E. Legal and Appraisal Fees

In general, legal and appraisal costs associated with obtaining land (rights-of-way and easements) and attorney fees associated with the SRF loan application and loan closing process are eligible. Please note that only the legal and appraisal costs associated with obtaining land from a willing seller are eligible for funding under the DWSRF program if incurred no earlier than one year prior to the date of submission of a complete loan application to the RIA/OLG.

F. Construction Costs

Construction costs include the costs associated with the construction of the project by a contractor. The DWSRF may provide assistance for the costs associated with engineering services during construction, such as inspections, change orders, overview of contractors, shop drawings, record drawings, concrete or soil testing, Davis-Bacon and American Iron and Steel administration, and draw requests.

Equipment that is directly purchased by the sponsor for the project, such as pumps, generators, etc., is eligible.

Materials such as pipe, valves, brick, mortar, etc., that are directly purchased by the sponsor are eligible. The materials may be installed either by a contractor or by the sponsor using its own employees and equipment. Eligibility is limited to the costs of materials. The costs of supplies such as fuel, oil and tools used by the sponsor to install the materials are not eligible for funding under the DWSRF program. Additionally, force account labor is not eligible.

Service connections are eligible for funding from the SRF but only that portion of a service connection that will be owned and maintained by the project sponsor and installed as part of an SRF funded waterline project.

G. Contingency

- The SRF program allows a contingency on eligible construction cost as follows: ten percent (10%) of the construction line item for the first \$10 million dollars of construction cost and five percent (5%) for the construction amount that exceeds \$10 million.
- The SRF program allows a contingency of two and a half percent (2.5%) for materials that are directly purchased by the sponsor.
- There is no contingency allowed on equipment.

H. Phasing of a Drinking Water Project

To make construction and/or funding more manageable, a project may be divided into separately funded phases or segments at the option of the sponsor. However, to be DWSRF-eligible, any such phase or segment must be of reasonable size and scope; must feasibly address a water quality, public health or compliance deficiency; and, when constructed must have the capability of being placed into immediate full operation, without its full operation being dependent on a subsequent project phase, segment or other outside operation yet to be completed. After a given project phase is funded, subsequent phases must stand separately in competing with other projects for priority list ranking in later fiscal years.

I. Projects and Activities Not Eligible for Funding

The DWSRF will not provide funding assistance for the following projects and activities:

1. Dams, or rehabilitation of dams;
2. Reservoirs, except for finished water reservoirs and those reservoirs that are part of the treatment process and are located on the property where the treatment facility is located;
3. Laboratory fees for monitoring;
4. Operation and maintenance expenses;
5. Projects needed mainly for fire protection;
6. Projects for systems that lack adequate technical, managerial and financial capability, unless assistance will ensure compliance;

7. Projects for systems in significant noncompliance, unless funding will ensure compliance;
8. Projects primarily intended to serve future growth;
9. Refinancing of existing debt;
10. Projects that would not result in the consolidation or regionalization of water systems when consolidation or regionalization is the most feasible alternative.

VII. Funds Available

A. Amount of Capitalization Grant

South Carolina's allotment from the FFY 2019 federal appropriation is \$14,251,000.

B. State Match Requirement

One condition of receiving the annual allotment is the State must deposit to the DWSRF an amount equal to at least 20% of the total capitalization grant. Based on the \$14,251,000 DWSRF allotment, the RIA/OLG will deposit \$2,850,200 in the DWSRF to comply with state match requirements.

C. Set-Aside for Administration of the DWSRF Program

The SDWA allows states to use four percent (4%) of each capitalization grant to fund the administration of the State's DWSRF program and other non-project activities. For SFY 2020, the State will take 3.5% of the FFY 2019 capitalization grant, or \$498,785 for administration of the DWSRF program.

D. Set-Aside for Technical Assistance for Small Systems

The SDWA allows states to set aside up to two percent (2%) of the annual DWSRF allotment to fund technical assistance (TA) services to small water systems that serve fewer than 10,000 people. For FFY19 2% of the DWSRF allotment is \$285,000. Fifty-four thousand seven hundred dollars (\$54,700) of the FFY 2019 TA funds were de-obligated and returned to EPA for in-kind services to fund an EPA contractor to perform a distribution system optimization analysis of the water system operated by the Town of Denmark. DHEC will use \$150,000 of the remaining \$230,300 to fund a TA contractor as discussed below. The DHEC and EPA in-kind TA funds total \$204,700 and represent approximately 1.44 percent of the capitalization grant.

DHEC's TA funds (\$150,000) will be used to fund a contract with the South Carolina Rural Water Association to help small public water systems address technical, managerial and financial capacity including assistance with gathering data on small systems for the 2020 Drinking Water Needs survey. Priority for contracted TA is given to those entities that have requested financial assistance from the loan fund but currently lack the technical, managerial and/or financial capacity to ensure long-term sustainability.

E. Set-Aside for Local Assistance and Other State Programs

The SDWA allows states to set aside up to 15% of its annual DWSRF allotment to fund various state drinking water protection initiatives. No more than 10% of its annual DWSRF allotment can fund any one initiative. This year, DHEC will take \$1,191,052 or slightly less than 8.4% of the FFY 19 capitalization grant to fund the source water protection program (including EPA in-kind services - see next paragraph) and the well-head protection program.

DHEC will take \$475,000 or approximately 3.3% of the FFY 2019 federal capitalization grant for use on source water protection activities. The funds will be used for contractual services for the following: developing watershed-based plans; modeling and monitoring for nutrient TMDL development; and, to assist with completing the 2020 Drinking Water Infrastructure Needs Survey (DWINS). Twenty-five thousand dollars (\$25,000) of the \$475,000 will be de-obligated and returned to EPA for in-kind services to fund EPA's DWINS contractor to conduct DWINS training and technical assistance workshops in for DHEC staff and DHEC's DWINS contractor.

The well-head protection program will be funded at approximately 5.0% of the annual DWSRF allotment, or \$716,052, for use on well-head protection activities.

F. Set-Aside for Assistance to State's Programs

The SDWA allows states to set aside up to 10% of its annual DWSRF allotment to assist with the funding of State Drinking Water Programs.

DHEC will take 5.9% or \$840,809 of the state's FFY 2019 allotment to use for public water system supervision (PWSS) program activities. PWSS funds help fund the State's drinking water program activities which are necessary to help ensure that public water systems are constructed, monitored, operated and maintained in accordance with federal and state laws and regulations.

G. Estimated Funds Available - State Fiscal Year (SFY) 2020

Estimated Amount of Funds to be available as of 6/30/19	\$4,888,231
FFY 2019 federal capitalization grant	\$14,251,000
State match for FFY 2019 capitalization grant	\$2,850,200
Estimated SFY 20 repayments (7/1/19 to 6/30/20)	\$17,099,874
Estimated SFY 20 investment earnings (7/1/19 to 6/30/20)	\$1,200,000
Estimated amount of funds to be transferred to the CWSRF	-\$21,889,230
Amount de-obligated from TA & SWP set-asides (see VII.D & E)	-\$79,700
Value of set-asides from FFY 2019 DWSRF capitalization grant	-\$2,655,646
Estimated Total Funds Available for SFY 2020 Loans	\$15,664,729

The estimated total funds for SFY 2020 loans may change from the figure quoted above due to the ongoing administration of projects, including SFY 2019 projects where bids have not been opened. It should be noted that the estimated total costs for projects identified for SFY 2020 DWSRF funds as shown in Appendix A is almost thirty-three percent (33%) greater than the estimated total funds available as shown in the table

above. Past experience in DWSRF program indicates that identifying projects for funding with total estimated costs greater than the estimated funds available is reasonable due to projects being delayed or withdrawn, and because most project funds will be spent several years beyond SFY 2020. Therefore, any additional funds that may be needed for projects identified in this year's DWSRF IUP can be accounted for in future DWSRF IUPs.

H. Anticipated Cash Draw Ratio

Since the advent of requiring additional subsidy in FY 2010 – accomplished in SC through principal forgiveness - and its attachment to specific capitalization grants, all state match is deposited in the DW fund and fully expended before then drawing federal money at 100%.

I. Fee Income

A loan closing fee is charged to loan recipients to support RIA/OLG's operating costs. This fee is not eligible for inclusion in the loan.

The DWSRF SFY 2020 closing fee is expected to be published in early October 2019 on the RIA website, <http://www.ria.sc.gov/>.

VIII. Assurances and Specific Proposals

DHEC has provided assurances and specific proposals as part of the Operating Agreement between South Carolina and EPA. The Operating Agreement provides a framework of procedures for operation and administration of the DWSRF including:

1. Environmental Reviews: The State will conduct environmental reviews according to the procedures identified in its Operating Agreement.
2. Binding Commitments: The State will enter into binding commitments for 120% of the amount of each payment received under the capitalization grant within one year of receipt of payment.
3. Expeditious and Timely Expenditures: The State will expend all funds in the DWSRF in an expeditious and timely manner.

IX. Additional Information / Requirements

A. Federal Requirements

Sponsors will be notified of all applicable federal requirements once their project is identified as a candidate for funding. Several federal requirements are required of all SRF loan recipients as follows:

- Environmental review of the project
- Compliance with Civil Rights Laws
- Davis-Bacon prevailing wage rates
- American Iron and Steel

Additional federal requirements are tied to the capitalization grant, and will be required of any project receiving a loan designated as being made with federal capitalization funds. These requirements include but are not limited to:

- Disadvantaged Business Enterprise compliance (DBE)
- Equal Employment Opportunity
- Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards: Title 2 CFR, Parts 200 and 1500 ("Uniform Guidance" – governs single audit requirements)

The projects that meet these federal requirements will be identified in the DWSRF Annual Report.

B. Additional Subsidies

There are two additive additional subsidy authorities in effect for the FFY19 CW capitalization grant. The Consolidated Appropriations Act, 2019, requires the SRF program to provide 20% of the capitalization grant amount as additional subsidy for eligible recipients. The SDWA, as amended by America's Water Infrastructure Act, 2018, mandates that states use at least 6% of the capitalization grant for additional subsidy for *state-defined disadvantaged communities*¹. Based on these two authorities, DHEC will make available 26% of the FFY 2019 capitalization grant for additional subsidy.

EPA expects the SRF program to ensure that systems and project sponsors who receive additional subsidy have the technical, managerial and financial capacity to maintain compliance with federal and state regulations. The Utility Sustainability Assessment mentioned in section V.F above is one tool used by the SRF to evaluate the technical, managerial and financial capacity of a potential SRF additional subsidy recipient. Systems that do not have adequate technical, managerial and financial capacity may receive additional subsidy funds if the system/sponsor agrees to undertake needed changes in operation that will promote sustainability. The sponsor may not be eligible for additional subsidies on future projects until the agreed upon operational changes have been fully implemented. Also, systems who ask to be considered for principal forgiveness funds should not be delinquent on submission of annual financial audits to the State Treasurer's Office as required by SC state law.

The SRF Program plans to utilize additional subsidy funds, provided as principal forgiveness (PF), for projects that are ready to proceed, to encourage the following priorities:

- Correct water quality violations of primary drinking water standards and potential health concerns, preferably through consolidation or regionalization;
- Enable a viable system owner willing to assume ownership of a non-viable or abandoned system;

¹ For SC DWSRF a Disadvantaged Community System is defined as a small system (population less than 10,000) with an MHI less than the State MHI that cannot qualify for an SRF loan.

- Assist small system (population less than 10,000) with achieving compliance with state regulations; and
- Enhance the sustainability of small systems by fixing existing infrastructure.

To make maximum benefit of PF funds for SFY 2020, no one sponsor may receive more than \$1,000,000 of this subsidy unless PF funds remain unassigned or are not committed to an identified project as expected.

Appendix A indicates the amount of PF that has been assigned to projects for SFY 2020 on a preliminary basis. The SRF Program reserves the right to adjust PF amounts. PF funds are only available if EPA awards the FFY 2019 DWSRF Capitalization Grant and it is accepted by DHEC. Project listing is not a commitment of funding.

C. Green Project Reserve (GPR)

The Consolidated Appropriations Act, 2019 encourages, but does not require, State Drinking Water SRFs to use funds made available by the Act to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. South Carolina plans to identify and fund projects or portions of projects that qualify as “green” under the published EPA Guidance for DWSRF Green Project Reserve. DHEC would like to fund green project costs in an amount equal to at least 5% of the FFY 2019 capitalization grant, or \$712,550. Any project or project portion wanting to be considered for the GPR must submit documentation outlining the benefits of the green components of the project. DWSRF GPR Guidance is posted to the SRF Guidance webpage <http://www.scdhec.gov/srfguidance>.

At the time this IUP was drafted, no projects had been identified as qualifying for the GPR. It is possible that upon review of projects on the Provisional Projects List that GPR eligible project costs may be identified.

D. “American Iron and Steel” Requirement

America's Water Infrastructure Act of 2018 and the Consolidated Appropriations Act, 2019 require that all iron and steel products used in SRF projects be produced in the United States unless a waiver is granted by the EPA. More information about the State Revolving Fund American Iron and Steel (AIS) requirement can be found on the EPA website at http://water.epa.gov/grants_funding/aisrequirement.cfm.

E. Environmental Outcomes and Measures

DHEC will update EPA's Drinking Water Benefits Reporting database, a web-based project tracking system used to gather information to assess the environmental outcomes and measures for meeting the objectives of the DWSRF program. Program data are entered into the DWSRF National Information Management System (NIMS) to produce annual reports that provide a record of progress and accountability for the program. EPA uses the information provided to develop reports to the US Congress concerning activities funded by the DWSRF program.

F. Public Participation

Notice of the draft IUP is e-mailed to each project sponsor on the Comprehensive Priority List of DWSRF Projects and other interested parties.

During the public notice period (30-day minimum), the notice and DRAFT FFY 2019 DWSRF IUP are posted on the DHEC Website, <http://www.scdhec.gov/srf>. Interested parties are invited to review the documents and submit written comments by the deadline established in the Draft IUP notice.

The Draft FFY 2019 CWIUP was posted to the DHEC website on June 7, 2019. Notice of the Draft IUP was emailed to SRF contacts, Rural Infrastructure Authority contacts, DHEC watershed stakeholders and included in communications to members of SC Rural Water Association and the Municipal Association of South Carolina. Comments were accepted until 5:00 PM on July 8, 2019. No comments were received.

Two edits were made to the IUP after internal review during the IUP comment period:

- 1) Under VII.E. - A revision of the assignment of funds taken within the set-aside for local assistance and other state programs. The total amount of funds requested for the set-aside, however, did not change.
- 2) In Appendix A - A correction of the amount of the Estimated Total Project Cost and the Estimated Principal Forgiveness Cost due to a mathematical error on the spreadsheet.

SOUTH CAROLINA
DWSRF SFY 2020 Provisional Project List*

July 15, 2019
FINAL

	SPONSOR Project Name	SRF Project Number	Project Description	Estimated Total Project Cost	Estimated SRF Loan Amount	Estimated Principal Forgiveness Assistance ¹	Estimated Green Project Reserve Amount ²	Population Affected by Project	Total Points
SFY 2020 Projects									
1	Denmark, City of Denmark Water Improvements	0510002-02	Rehabilitate two elevated storage tanks that are currently out of compliance and add treatment systems to four wells to address iron bacteria issues.	\$500,000		\$500,000		5,600	90
2	Gaston Rural Community Water District Asbestos Concrete Water Main Replacement	3220002-02	Replace ~13,460 LF of 6-inch asbestos concrete pipe with 6-inch ductile iron pipe. The 50+-year old pipe is prone to failure. Also replace ~1,300 LF of PVC pipe to connect two segments of the new 6" DIP pipe to improve flows and pressure in the southern part of the service area.	\$1,075,800		\$1,000,000		7,186	85
3	Abbeville, City of Mill Village Waterline Replacement	0110001-03	Replace 80+ year-old old cast iron water line with new PVC pipe and address miscellaneous appurtenances to address system pressures and water clarity.	\$534,000		\$534,000		300	30
4	Cheraw, Town of Water Plant Improvements	1310001-01	Improvements to the Water Treatment Plant to include replacement of plant control panel, generator & ATS, sludge removal system, valves/actuators and filter wash system and development of a hydraulic model.	\$1,188,000		\$1,188,000		5,480	25
5	Mount Pleasant Waterworks Replacement of Deep Well 2	1010002-09	Construct the surface facility for a new well to replace the source well for ROWTP 2, which is off-line after Deep Well 2 began producing sand and corroded materials.	\$5,000,000	\$2,000,000			24,215	20
6	SJWD Water District Wellford Waterline Improvements	4220006-08	Replace ~37,000 linear feet of aging and small diameter waterlines with new 4-inch and 6-inch PVC waterlines and install new fire hydrants and associated appurtenances.	\$3,900,000	\$3,400,000			1,000	20
7	Powdersville Water District S. Fishtrap 24" Transmission Main & 88 Tank 16" Connector Main	0420002-06	Install ~9,300 LF of 24" main to replace an unreliable 12" asbestos cement main and facilitate the transition to a compatible primary source of purchased water and install ~8,000 LF of 16" water main to improve water quality in the lower part of the system.	\$4,566,100	\$4,566,100			35,000	20
8	Berkeley County Water & Sanitation Hwy 176 Water Relocation	0820002-09	Relocate ~32,000 linear feet of 16" and 12" water lines and appurtenances along Hwy 176 to accommodate road widening.	\$3,650,000	\$3,650,000			15,000	10
9	Berkeley County Water & Sanitation Whitesville Water Project	0820002-10	Raise water tower elevation and construct new 16" water main to increase water pressure.	\$4,000,000	\$4,000,000			64,000	10
			SFY 2020 Totals	\$24,413,900	\$17,616,100	\$3,222,000 ³			
			SFY 2020 Total of SRF Loan + Principal Forgiveness Loan Amount		\$20,838,100				

* Projects on the Provisional Project List are ranked based on priority for funding. However a loan offer is dependent on the financial capacity of the sponsor, which may not have been evaluated to date.

SOUTH CAROLINA
DWSRF SFY 2020 Provisional Project List*

July 15, 2019
FINAL

	SPONSOR Project Name	SRF Project Number	Project Description	Estimated Total Project Cost	Estimated SRF Loan Amount	Estimated Principal Forgiveness Assistance ¹	Estimated Green Project Reserve Amount ²	Population Affected by Project	Total Points
SFY 2019 Projects									
1	Bennettville, City of ^ Lime Chemical Feed System	3410001-02	Installation of a lime chemical feed system to correct low alkalinity in the City's source water and address a violation in turbidity related to the low alkalinity.	\$520,000		\$508,000		9,100	125
			Additional SFY2019 (FFY18) Principal Forgiveness Loan Amount		\$508,000				

^ This project, not previously identified in an Intended Use Plan, has been selected as eligible for principal forgiveness funds and has been assigned PF funds that remain uncommitted against the FFY2018 capitalization grant.

1 Principal forgiveness funds are subject to change and are only available if the DWSRF Capitalization Grant referenced in this IUP is awarded by EPA & accepted by DHEC. Project listing is not a commitment of funding.

2 FY19 federal appropriations do not require the DWSRF to identify GPR projects, however, South Carolina will try to identify at least 5% of the expected capitalization grant amount, or \$712,550, as GPR eligible (see Section IX.C. of the DWSRF IUP). Projects on this Provisional Project List have not submitted documentation, but may qualify in whole or in part for the GPR. If any projects are identified as GPR eligible the project or portion of the project will be reported in the DWSRF SFY20 Annual Report.

3 DHEC will identify additional projects eligible for principal forgiveness to equal at least \$3,705,260, the required minimum principal forgiveness amount required against the FFY 2019 capitalization grant.