

# State Revolving Loan Fund

## Clean Water State Revolving Fund

### South Carolina's Intended Use Plan For State Fiscal Year 2013

SCDHEC  
Bureau of Water  
2600 Bull Street  
Columbia, SC 29201  
[www.scdhec.gov/srf](http://www.scdhec.gov/srf)

**August 22, 2013**  
**Final-Amended**



This Intended Use Plan (IUP) is required as part of DHEC's application for capitalization funds allocated from the Federal Fiscal Year (FFY) 2012 Consolidated Appropriations Act (P.L. 112.74).

*Revised regarding Capitalization Grant amount available for award, transfer of funds from CWSRF to DWSRF, revise VII.F and X.C., and to update Selected Project List with more current information.*

## I. Introduction

In 1987, Congress amended the federal Clean Water Act (CWA) authorizing the Clean Water State Revolving Fund (CWSRF), a low-interest loan program, to assist public entities with the financing of publicly owned treatment facilities (Section 212) and nonpoint source management activities (Section 319). The 1987 CWA Amendments authorized the US Environmental Protection Agency (EPA) to award capitalization grants to states to provide seed money for the low-interest loan program. While the 1987 Amendments only authorized funding for the first several years of the loan program, Congress continues to provide funding as part of its annual appropriations.

This Intended Use Plan (IUP), required under the CWA, describes how South Carolina intends to use available SRF funds for State Fiscal Year (SFY) 2013 - July 1, 2012 through June 30, 2013 - including funds allocated to South Carolina from the federal *Consolidated Appropriations Act, 2012*. [South Carolina's allotment from the Federal Fiscal Year \(FFY\) 2012 federal appropriations is \\$14,479,000. The amount South Carolina will receive after the Federal Rescission is \\$10,388,870.](#)

The South Carolina Department of Health and Environmental Control (DHEC) is the designated state agency to apply for and administer the capitalization grant for the CWSRF. The State Budget and Control Board (BCB) Office of Local Government conducts financial functions of the CWSRF, establishes financial policies and executes loans with project sponsors.

The FFY 2012 Consolidated Appropriations Act (P.L 112-74) requires the CWSRF to provide additional subsidization, to fund projects that qualify for the green project reserve and to apply Davis-Bacon requirements to all projects funded by the CWSRF. These requirements will be addressed later in this IUP.

The IUP must be noticed for a period of at least 30 days to accept comments from the public. Comments on all facets of the IUP are accepted. After considering comments received, the IUP is finalized and posted on DHEC's website at [www.scdhec.gov/srf](http://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 clean water infrastructure and help ensure maximum environmental and public health benefits.

### A. Short-Term Goals

1. Promote the use of green practices and continue investment in green infrastructure, water and energy-efficient improvements and environmentally innovative projects.
2. Work with potential sponsors to encourage and facilitate submission of eligible projects that are ready to proceed and to guide those projects toward binding commitments within one year of placement on the IUP.
3. Total Maximum Daily Load (TMDL) implementation through completion of projects that have received priority ranking points for a proposed project scope that reduces the level of a targeted pollutant or pollutants in a waterbody with an approved TMDL.

### 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 water quality standards by funding projects that improve or protect water quality by reducing pollutant loading in order to attain water quality standards.
3. Work with other infrastructure funding authorities within the state to coordinate water quality funding.
4. Work collaboratively to direct CWSRF funds to areas where additional DHEC and EPA resources are already invested (e.g. priority watersheds and Section 319 nonpoint source grants).
5. Maintain the fiscal integrity of the CWSRF to ensure the perpetuity of the fund.

### **III. Transfer of Funds From/To the Drinking Water State Revolving Fund**

The SC SRF program has elected to transfer \$2,961,750 (33% of the FY2012 DWSRF capitalization grant) in Clean Water SRF funds to the DWSRF to help meet the high demand for funds in SFY2013. The right to transfer funds between the CWSRF and DWSRF program is provided by federal authority<sup>1</sup>. The ability to transfer funds from prior and current grants will assist in meeting demand for CWSRF and DWSRF funding.

### **IV. State FY 2013 Selected Projects List**

The draft IUP, placed on public notice on October 7, 2012, included a list of projects whose sponsors had indicated a complete loan application would be submitted by July 31, 2013. The draft IUP also included a solicitation to eligible sponsors<sup>2</sup> for additional projects for which a complete application could be submitted by July 31, 2013. As a result of this solicitation the Department received additional requests for funding. Appendix A has been revised to include projects for which sponsors intend to submit complete loan applications -including an approved Preliminary Engineering Report and construction permit - by July 31, 2013. (Refer to Section IV.I. of this IUP for an explanation of a complete loan application.)

*Final funding decisions for each project* will depend 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, and successful credit review by the BCB. The availability of a loan from the BCB will be based on the project sponsor's financial capacity and its ability to afford repayment on the requested amount of debt.

### **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 CWSRF. This integrated priority system is used for ranking Section 212 treatment work projects as well as eligible nonpoint source projects. A copy of the ranking system used to score and rank projects can be found on the Documents and Forms page within the SRF section of the DHEC Website at [www.scdhec.gov/srf](http://www.scdhec.gov/srf).

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1 Section 302 of the SDWA amendments and subsequent Congressional action offer states the flexibility to meet the funding needs for drinking water and wastewater facilities by transferring funds from the DWSRF to the Clean Water SRF (CWSRF), or from the CWSRF to the DWSRF. Such transfers are limited to an amount up to 33% of the applicable DWSRF capitalization grant.

2. An eligible sponsor is a municipality, county or special purpose district with a designated source of repayment income.

## **B. Comprehensive Priority List of CWSRF Projects**

In order for a project to be considered for funding from the CWSRF, it must appear on the State's Comprehensive Priority List of CWSRF Projects. To be included in this list, an eligible project sponsor must complete a project questionnaire, DHEC-3561. DHEC-3561 may be found on the Documents and Forms page within the SRF section of the DHEC Website at [www.scdhec.gov/srf](http://www.scdhec.gov/srf). A project sponsor may submit a completed questionnaire to the SRF section of DHEC's Bureau of Water at any time. Once the questionnaire is received, DHEC staff evaluate the project based on the CWSRF Priority Ranking System and assign the project a numeric score. The project is then added to the Comprehensive Priority List of CWSRF Projects in rank order. Any projects with the same numerical score are ordered based on how the project addresses water quality priority issues (1<sup>st</sup> – score for “implement an approved TMDL”, 2<sup>nd</sup> – score for “impairment(s) addressed on current 303d list”) and date project questionnaire is received. DHEC maintains an updated Comprehensive Priority List on the Documents and Forms page within the SRF section of the DHEC Website at [www.scdhec.gov/srf](http://www.scdhec.gov/srf).

If a project remains on the Comprehensive Priority List for three years and is not ready to proceed, DHEC staff will contact the sponsor and request that a revised project questionnaire be submitted which updates the cost estimate along with any changes to the project description. If DHEC does not receive a revised project questionnaire, the project will be removed from the Comprehensive Priority List.

## **C. Selecting Projects for Funding**

The selection of projects for funding is based on the projects' ranking and the sponsors' readiness to proceed at the time the IUP is drafted. A project is considered ready to proceed if the sponsor expects, by July 31, 2013, to have received a construction permit from the SRF Section and to have submitted a complete SRF loan application to the BCB. In the event the BCB receives complete applications for two or more projects on the same day, the highest-ranked project(s) will receive priority for funding. For large projects, DHEC and BCB reserve the right to impose a limit on the amount of any given CWSRF loan, regardless of ranking, and to consider a sponsor's ability to obtain financing from other sources.

## **D. Bypass Procedure**

DHEC may bypass projects on the Comprehensive Priority List:

1. To fund a project where a viable system owner is willing to assume ownership of a non-viable or abandoned system;
2. To select projects eligible for the Green Project Reserve
3. To address an imminent hazard to public health declared by the DHEC Director, and;
4. To fund projects that will eliminate a point source discharge, which is violating effluent limits, and connect to a regional system, which is consistent with the applicable 208 Plan.

## **E. Addition of New Projects**

The projects in Appendix A are listed based on readiness to proceed and other factors. The listing does not preclude the opportunity for other projects to receive funding in SFY 2013. All prospective project sponsors are encouraged to contact DHEC as soon as possible to add their projects to the Comprehensive Priority List and be considered for funding in SFY 2013.

**F. Readiness to Proceed**

To promote an expeditious use of funds, sponsors of projects on the SFY 2013 Selected Projects List will have until April 1 to submit a complete loan application to insure funding priority. After April 1, loan applications will be accepted on a first-come, first-served basis until the available funds are exhausted or until July 31, whichever occurs first.

**G. Sponsor Sustainability Requirement**

The CWSRF will not provide any type of assistance to a project sponsor that lacks the *technical, managerial or financial capability* to operate sustainably, unless the sponsor agrees to undertake feasible and appropriate changes in operation or if the use of the financial assistance from the CWSRF will ensure compliance over the long-term.

**H. Funding Terms and Rates for Eligible Projects**

Funding for projects eligible to participate under the CWSRF usually have a term of no longer than 20 years at an interest rate published by the BCB in October. Interest rates are classified as either *standard, small system, hardship, green (including nonpoint source), or takeover rate*. Visit the BCB website, <http://www.olg.sc.gov/programs.aspx>, to view current rates, find out more about the loan program and information about costs and qualifications for receiving an SRF loan.

**I. Complete Loan Application**

Sponsors of selected projects apply to the BCB for SRF loan financing. Application packages are accepted from October 1 through July 31.

*The issuance by DHEC of a permit to construct the project as a CWSRF project, which includes a completed environmental review, is required before a loan application is considered complete.*

The sponsor of a project receiving a 100% principal forgiveness loan must contact DHEC to determine required information.

**VI. Eligibility Criteria**

**A. Water Quality Management (WQM) Plans**

Pursuant to Section 208 of the Clean Water Act, Section 212 CWSRF projects must not conflict with the applicable Water Quality Management (WQM) plan. The sponsor of a CWSRF project must be a designated management agency, which is any municipality, county or special purpose district that accepts the responsibilities associated with implementing an applicable WQM plan. The management agency designation process may be pursued concurrently with the CWSRF project if necessary. More information about management agency responsibilities and the designation process can be found in the 208 Water Quality Management Plan for the Non-designated Area of South Carolina.

**B. Land**

Land is eligible for a CWSRF project only if it is an integral part of the wastewater treatment process, as in the case of a land application project. Land acquired merely to be *sites* for treatment works and pump stations, rights-of-way, easements, etc., is not eligible. In the CWSRF program land may be acquired under proper eminent domain procedures where necessary.

### **C. Planning and Design Costs**

A CWSRF 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, 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 BCB are eligible for funding under the CWSRF program.

### **D. 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. Legal and appraisal costs associated with obtaining land are **not** eligible for funding under the CWSRF program if incurred earlier than one year prior to the date of submission of a complete loan application package.

### **E. Construction Costs**

Construction costs include the costs associated with the construction of the project by a contractor. The CWSRF 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 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 Clean Water SRF 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 sewer line project.

### **F. Contingencies**

- The SRF program allows a contingency of 10% of the construction line item.
- The SRF program allows a contingency of 2.5% for materials that are directly purchased by the sponsor.
- There is no contingency allowed on equipment.

### **G. Phasing of a CWSRF 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 CWSRF-eligible, any such phase or segment must be of reasonable scope 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 or segment or another 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.

## **H. Projects Not Eligible for Funding**

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

1. Projects for systems that lack adequate technical, managerial and financial capability (i.e. non-viable systems);
2. Projects exclusively correcting operation and maintenance deficiencies;
3. Projects for systems in NPDES noncompliance, unless funding will ensure compliance.

## **VII. Funds Available**

### **A. Amount of Capitalization Grant**

South Carolina's allotment from the FY 2012 federal appropriations law is \$14,479,000. The amount South Carolina will receive after the Federal Rescission on unobligated FY12 funds is \$10,388,870.

### **B. Transfer of Funds To/From Drinking Water SRF**

DHEC initiated a transfer of \$10,548,780 of Clean Water funds to the Drinking Water (DW) fund to help meet the high demand for DW funds in SFY2013. This transfer is reasonable due to the current high level of funds available in the CWSRF. The transfer was made as allowed by federal authority against the FY2010, FY2011, and FY2012 DW capitalization grants.

### **C. State Match Requirement**

One condition of receiving the annual capitalization grant allotment is the State must deposit into the CWSRF an amount equal to at least 20% of the total amount of the capitalization grant. The BCB will deposit to the CWSRF fund the required amount of \$2,077,774 to comply with the state match requirement.

### **D. Administration of the CWSRF Program**

The CWA allows each state to use an amount equal to 4% of its capitalization grant to fund the administration of the CWSRF program. DHEC plans to retain the authority to use four percent (4%), or \$415,555, of its capitalization grant amount for program management, including hiring staff, paying operational expenses and providing technical assistance to potential loan applicants.

The SRF program is using \$100,000 of its non-program income funds to contract with South Carolina Rural Water Association to provide capacity building assistance to publicly owned treatment works. Priority for such assistance will be 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. Total Funds Available for Loans for State FY 2013**

Total funds available as of June 30, 2012	\$281,883,735
Cost of projects with funds committed as of June 30, 2012	(\$50,980,218)
Estimated SFY 13 repayments (July through June)	\$27,475,000
Estimated SFY 13 investment earnings (July through June)	\$6,600,000
Expected Transfer to DWSRF*	(\$10,548,780)
FFY 2012 federal capitalization grant	\$10,388,870
CWSRF Administrative set-aside	(\$415,555)
State match for FFY 2012 capitalization grant	<u>\$2,077,774</u>

**Estimated Total Funds Available for SFY 2013 Projects** **\$266,480,826**

\* Expected transfer of funds as allowed by federal authority against the amount of the FY2010, FY2011 and FY2012 Drinking Water Capitalization Grants - FY10 (allows \$4,479,090 to transfer), FY11 (allows \$3,107,940 to transfer) and FY12 (allows \$2,961,750 to transfer).

**F. Anticipated Cash Draw Ratio**

Since the advent of requiring additional subsidy – accomplished in SC through principal forgiveness - in FY 2010 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%.

**G. Interest Rates**

The Budget & Control Board establishes interest rates for the CWSRF program prior to September 30th of each year. For detailed information on current SRF interest rates, visit the BCB web site at <http://www.olg.sc.gov/programs.aspx>.

**H. Fee Income**

A loan closing fee of 0.25% of the amount borrowed is charged to loan recipients to support CWSRF operating costs. This fee is not eligible for inclusion in the loan. The fee income is used to cover the costs of administration by paying for BCB Office of Local Government operating costs. Fees collected on Clean Water loans are estimated to be \$150,000 for SFY 2013.

**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 CWSRF 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 CWSRF in an expeditious and timely manner.



## **IX. New Initiatives**

After all required State and Federal approvals occur, it is anticipated that limited opportunities may be available for extended term financing in disadvantaged community systems and for refinancing existing debt according to parameters defined in the financial loan policies issued by the BCB. The attached (Attachment 1) proposed methodology for determining monies available for extended term financing has been submitted to EPA for approval.

## **X. Additional Information / Requirements**

### **A. Federal Requirements**

Various federal requirements are tied to the capitalization grant, and will be required of any project receiving a loan made with federal capitalization funds. Projects proceeding with principal forgiveness, projects that are slated to receive a portion of their funds from other federal sources and other projects that are designated as “federal” after publishing of the Final IUP must meet federal requirements. These requirements are:

- Federal Environmental Crosscutters
- Disadvantaged Business Enterprise compliance (DBE)
- Single Audit Act (OMB A-133)
- Federal Funding Accountability and Transparency Act (FFATA) reporting

### **B. Davis-Bacon Act**

The 2012 Appropriations Act requires the application of Davis-Bacon prevailing wage rates to all treatment works projects funded in whole or in part by the CWSRF. Davis-Bacon does not apply to nonpoint source projects. Davis-Bacon applies to construction contracts over \$2,000.

### **C. Additional Subsidies**

The 2012 Federal Appropriations Act requires the SRF program to provide additional subsidies. At least \$577,376 will be used to provide additional subsidies, which DHEC will award as principal forgiveness; however, the SRF program may provide up to the maximum amount allowed by the act, which is \$866,064.

Due to the limited amount of principal forgiveness funds for SFY 2013, no one project may receive more than \$1,000,000 of this subsidy.

Congress and EPA asked states to direct the additional subsidy funds to projects in communities that cannot otherwise afford a loan and to enhance sustainability by fixing existing infrastructure. EPA is also expecting the SRF program to ensure the project’s sponsor has the technical, managerial and financial capability to maintain compliance, or that the sponsor agrees to undertake feasible and appropriate changes in operation that will ensure long term sustainability.

Principal forgiveness projects for SFY 2013 were chosen to maximize the use of limited funds while encouraging the following priorities:

1. To enhance the sustainability of small systems by fixing existing infrastructure.
2. To provide infrastructure needed to handle septic tank and/or restaurant grease trap waste at publicly owned treatment facilities.

3. Where a viable system owner is willing to assume ownership of a non-viable or abandoned system.

#### **D. Green Project Reserve (GPR)**

To the extent that there are eligible projects, loans equal to an amount of at least 10% of FFY 2012 allotment must be used for green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. South Carolina's GPR amount is \$1,038,887. EPA's GPR guidance has been posted to the Documents and Forms page within the SRF Section of the DHEC Website at [www.scdhec.gov/srf](http://www.scdhec.gov/srf). The Selected Projects List in Appendix A indicates two projects, which have been identified as GPR projects for SFY 2013 to meet the EPA requirement.

Projects that are deemed eligible for the GPR may receive an interest rate of 1% for the project or the portion of the project that is *green*. Any project or project portion that is to be considered for the GPR must include categorical documentation or, if applicable, a business case outlining the benefits of the green components of the project. Guidance on GPR documentation and example business cases are posted to the Documents and Forms page of the SRF section of the DHEC website.

#### **E. Environmental Outcomes and Measures**

DHEC will update EPA's Clean Water Benefits Reporting (CBR) database and enter data into the CWSRF National Information Management System (NIMS). CBR collects project level information and anticipated environmental benefits associated with CWSRF projects, while NIMS produces annual reports that provide a record of progress and accountability for the program. EPA uses the information provided to oversee the CWSRF State programs and develop reports to the US Congress concerning activities funded by the SRF program. For more information, go to EPA's Clean Water SRF Performance Webpage, [http://water.epa.gov/grants\\_funding/cwsrf/cwnims\\_index.cfm](http://water.epa.gov/grants_funding/cwsrf/cwnims_index.cfm).

#### **F. Public Participation**

A "Notice of Availability" of this draft IUP was mailed or e-mailed to each project sponsor on the Comprehensive Priority List and other interested parties. In addition, a notice was published in The State, The Greenville News, The Post and Courier, and the Sun News newspapers on October 7, 2012. During the public notice period, the notice and draft SFY 2013 IUP was posted on the DHEC Website, [www.scdhec.gov/srf](http://www.scdhec.gov/srf). Interested parties were invited to review the documents and submit written comments regarding the draft IUP by the deadline established in the "Notice of Availability."

Comments received on the SFY2013 IUP either requested project deletion, project addition or revision of project information on the Selected Project List. DHEC addressed these requests, which are reflected on the Selected Project List in Appendix A. Additionally, minor typographical errors were corrected throughout the document and editing of verbiage and additions of text for clarification was performed in the following sections of the IUP: I; III; IV.I; VI.D, E, and G; and, IX.A, C, E, and F.

## APPENDIX A

SOUTH CAROLINA CLEAN WATER SRF IUP  
Selected Projects List for State Fiscal Year 2013November 30, 2012  
FINAL

Final funding decisions for each project will depend 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, and successful credit review by the BCB. The availability of a loan from the BCB will be based on the project sponsor's financial capacity and its ability to afford repayment on the requested amount of debt.

	Sponsor & Project	DHEC Project Number	Project Description	NPDES Number(s) Associated with Project	Estimated Total Project Cost	Estimated SRF Loan Amount	Estimated Principal Forgiveness Amount	Estimated Project Reserve Amount^	Green	Total Points
1	<b>East Richland Public Service District *</b> Quail Lane PS & Gills Creek WWTP Force Mains	524-25	Force main construction to reduce the chance for sanitary sewer overflows, and to provide for a parallel line to move effluent from the WWTP to the permitted discharge site on the Congaree River.	SC0038865	\$25,000,000	\$25,000,000				110
2	<b>Kershaw County</b> Kershaw County Septage Receiving Station	587-05	Construction of a septage receiving station that will connect to the headworks of the Kershaw County WWTP to accept waste from Kershaw, Fairfield and Richland Counties.	SC0039870	\$534,000	\$534,000	<b>\$534,000</b>			110
3	<b>Simpsonville, City of *</b> Sanitary Sewer CIPP Project	715-02	Rehab of 228,639 linear feet of aging vitrified clay pipe (30 - 90 years old) to reduce leakage of sewage into the environment.		\$4,500,000	\$4,500,000				90
4	<b>Florence, City of</b> Upgrade to Florence Regional WWF, Contract 3	378-20	Upgrades to allow the city to treat increased flows due to the improvement of the sewer system and decreased SSO's.	SC0045462	\$10,750,000	\$10,750,000				50
5	<b>Great Falls, Town of</b> Improvements to Waste Water Treatment Facility	210-02	Improvements to the Town's waste water treatment facility to include: bar screen addition, modify grit collector, repair and seal portions of the aeration basin and influent channel. Improvements will trap solids and better capture grit and allow for better treatment of wastewater.	SC0021211	\$241,000	\$241,000	<b>\$241,000</b>			50
6	<b>Richland County Utilities *</b> Lower Richland Community Sewer Project - Phase 1	574-20	Project will result in a regional sewer system to serve the Hopkins/Lower Richland Blvd-Garners Ferry Road area and eliminate up to 5 wastewater treatment facilities resulting in a more efficient and sustainable system. Phase 1 includes ~31,200 LF of gravity sewer, 4 pump stations and ~72,000 LF of force main and will eliminate at least 3 wastewater facilities and provide service to an area of failing septic systems.	SC0031496 SC0031399 ND0068969	\$12,862,011	\$12,862,011	\$577,000 FY11 Cap Grant			50
7	<b>Myrtle Beach, City of *</b> 30 Inch Force Main Replacement - Phase III	494-09	Replacement of 3.9 miles of deteriorating 30-inch sewer forcemain with 36-inch forcemain. This protects the Atlantic Intracoastal Waterway from potential leaks and allows the city to accommodate future growth.		\$13,500,000	\$8,600,000				40
8	<b>Richland County</b> Jackson Creek Mitigation Bank	574-23	Preserve and enhance ~34 acres of exisiting riparian habitat along Jackson Creek (tributary to Gills Creek) and establish a mitigation bank to permanently protect this resource. Also, green stormwater infrastructure will be installed to improve water quality in Gills Creek and address TMDLs for dissolved oxygen, fecal coliform and mercury.	NA	\$3,750,176	\$3,289,700		\$3,289,700 green infrastructure	c	30

**SOUTH CAROLINA CLEAN WATER SRF IUP**  
**Selected Projects List for State Fiscal Year 2013**

November 30, 2012  
**FINAL**

	Sponsor & Project	DHEC Project Number	Project Description	NPDES Number(s) Associated with Project	Estimated Total Project Cost	Estimated SRF Loan Amount	Estimated Principal Forgiveness Amount	Estimated Project Reserve Amount^	Green	Total Points
9	<b>James Island PSD</b> * Utility Relocate for Charleston County Roadwise Folly Road and Camp Road Intersection Improvement Project	543-07	This project involves the relocation and protection of existing facilities as part of the Charleston County Folly Road and Camp Road Intersection Improvement Project. The work includes the lowering of various size force mains in 2 locations, adjusting vertical alignment of 4 sewer services, adjusting the ring and cover elevation of one manhole and placing CDF around sewer mains and force mains in 8 locations to protect them during roadway construction.	SC0021229	\$180,287	\$180,287				30
10	<b>Myrtle Beach, City of</b> 4th Ave North Ocean Outfall	494-10	Construction of twin 84" pipes to convey stormwater from a stormwater basin to an outfall ~1300 feet offshore. This is the second phase of a four phase project to improve stormwater quality and reroute stormwater flows from beach pipes to an ocean outfall system.	SCR10000	\$8,000,000	\$8,000,000				30
11	<b>Georgetown, City of</b> * Historic District and West End Sewer Rehabilitation	412-13	Replacement or lining of approximately 200 brick manholes in the Historic District and ~40,000 LF of aging gravity sewer lines in the City's West End. Project will reduce the chance of sewer overflows by fixing aging infrastructure which has deteriorated over time and reducing infiltration and inflow of rainwater.		\$3,487,750	\$3,487,750				20
12	<b>James Island PSD</b> II Utility Relocate for Charleston County Roadwise Harbor View Road Widening Project	543-06	Relocation and/or protection of existing utilities as part of Charleston Co. Roadwise Harbor View Road widening project. To include the lowering of various size force mains in 5 locations, adjusting vertical alignment of 39 sewer services, adjusting the ring and cover elevation of 33 manholes, and protecting sewer and forcemains in 16 locations during roadway construction.	SC0021229	\$493,054	\$493,054				10
13	<b>James Island PSD</b> Battery Island Dr. / Arsburn Rd. Sanitary Sewer Improvement	543-10	Install sanitary sewer to replace existing septic systems sited in an area with a great potential to fail - to include individual grinder pump stations and force mains and header pipes.	SC0021229	\$881,117	\$788,617				10
14	<b>Florence, City of</b> Middle Swamp Pump Station and Force Main Replacement, Contract 4	378-21	Replacement of existing Middle Swamp PS and 2 sections of existing force main (10" and 12") with 18" force main to reduce line breaks and infiltration and inflow.	SC0045462	\$3,428,205	\$3,428,205				10
15	<b>Orangeburg, City of</b> Upgrades and Modifications to the Orangeburg WWTP	345-04	Modifying and/or replacing existing equipment of the following components at the WWTP: headworks, aeration basins, secondary clarifier, waste sludge pump, scum pump, emergency generator and SCADA system. New construction: sludge holding tanks, aeration basin and secondary clarifier.	SC0024481	\$25,000,000	\$25,000,000				0
					\$112,607,600	\$107,154,624	\$775,000	\$3,289,700		

\* Indicates project was on the Selected Projects List for SFY 2012 but has not yet met all requirements for an SRF loan.

II This project was listed on the SFY 2012 IUP as part of 543-05 but has been broken out to proceed in SFY 2013.

^ GPR projects are classified as "c" for categorical" or "bc" for business case.