

CLEAN WATER

South Carolina's Comprehensive Priority List of CWSRF Projects

July 24, 2023

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



Preamble

The Clean Water Act requires that the State maintain a comprehensive list of (infrastructure) projects eligible to be funded from the Clean Water State Revolving Fund (CWSRF) and rank them in priority order. States have the flexibility to fund a range of projects that address their highest priority water quality needs. The document *South Carolina's Priority Ranking System for Wastewater and Nonpoint Source Projects*, sets forth the water quality criteria used rank potential Clean Water projects. The Priority Ranking System is posted to the SRF Documents and Forms webpage www.scdhec.gov/srfforms.

Only those projects that appear on published *Comprehensive Priority List of CWSRF Projects* (Priority List) may be considered for a loan under the CWSRF Program. Projects remain on the Priority List unless a loan is closed with the Rural Infrastructure Authority Office of Local Government, the project is withdrawn by the project sponsor, or the Project Questionnaire submitted for the project is more than two years old. If a project remains on the Comprehensive Priority List for two years and does not proceed, the project will be removed from the list unless the sponsor provides an updated PQ.

In general, to be placed on the CW CPL, an eligible project sponsor must complete and submit a Project Questionnaire to DHEC or a similar funding request application approved by DHEC. The be found on the SRF Documents and Forms questionnaire can www.scdhec.gov/srfforms. Prior to completing the questionnaire the Project Sponsor should first carefully review the Priority Ranking System and eligibility requirements. A prospective SRF Project Sponsor may submit a completed questionnaire for a project at any time. An Intended Use Plan is developed annually that includes a provisional list of projects invited to work with the SRF Program and close a loan if all SRF requirements are met.

DHEC's website is the primary public-notice medium for the Priority List. DHEC updates the Priority List periodically, as Project Questionnaires are received, and it is posted on the SRF Documents and Forms webpage, www.scdhec.gov/srfforms. Interested parties are invited to review and submit written comments on the posted Priority List at any time during the year. Prospective SRF sponsors are asked to take such opportunities to review their projects closely and to notify DHEC in writing of any that should be deleted (withdrawn) or modified. Please address written comments to Wayne Shealy, P.E., SRF Program Manager, DHEC, 2600 Bull Street, Columbia SC 29201 or email at <a href="https://shealy.new.gov/shealy.ne

For questions about the Priority List, email the SRF section at email SRF-INFO@dhec.sc.gov or contact Michael Spradlin by telephone at (803) 898-4395 or email at SPRADLMJ@dhec.sc.gov.

	Sponsor & Project Name	SRF Project Number	Project Description	NPDES Permit Number	Estimated Total Project Cost	Requested SRF Assistance ¹	Estimated Green Project Reserve Amount ²	Total Points
1	Renewable Water Resources - FY22 Trunk Sewer Rehabilitation	370-111	This project consists of lining approximately 13,000 linear feet of existing trunk sewers (18 inches and greater) with cured in place piping (CIPP) and lining of existing manholes with cementitious material.	ND	\$ 6,280,044	\$ 6,280,044		110
2	East Richland County Public Service District - 30-Inch Sewer Trunk Line Rehabilitation - Forest Lake	524-31	This project consists of the rehabilitation of approximately 7,800 If of 30-inch RCP sewer trunk line and 41 associated manholes to restore the structural conditions and eliminate I/I in the pipeines and manholes.	SC0038865	\$ 5,700,000	\$ 5,700,000		110
3	Renewable Water Resources - 2023 Gravity Sewer & Manhole Rehab	370-125	Project to line existing sewers with CIPP and line manholes with cementious material.	SC0033804, SC0026883, SC0047309, SC0023906	\$ 4,750,000	\$ 4,750,000		110
4	Williamston, Town of - Big Creek WWTP Effluent Line Replacement	426-03	Replacement of a section of effluent piping that has been exposed due to erosion and which is in danger of failing.	SC0046841	\$ 250,000	\$ 250,000		110
5	East Richland PSD - Gills Creek WWTP Upgrade - Biosolids Management	524-30	Upgrade biosolids handling processes at the Gills Creek WWTP - expected to include upgrade for digestion, dewatering, and stabilization of biosolids.	SC0038865	\$ 3,000,000	\$ 3,000,000		110
6	Easley Combined Utilities - Georges Creek Trunk Sewer	711-07	The project consists of the installation of approximately 7,370 linear feet of new 30-inch gravity sewer, 9,080 linear feet of new 24-inch gravity sewer, 72 manholes, and all necessary appurtenances to complete the piping installation.	SC0023043, SC0047309	\$ 9,202,000	\$ 8,380,000		100
7	Fountain Inn, City of - 2021 Sanitary Sewer Rehabilitation Project	703-03	Rehabilitate aging vitrified clay sewers through point repairs, CIPP lining, and replacement as needed, and rehabilitate brick/block manholes by lining and repair as needed.	SC0040002	\$ 2,000,000	\$ 2,000,000		100
8	Williamston, Town of - WWTP Trunk Line Replacement and Old Lagoon PS Upgrade	426-04	The WWTP Gravity Trunk Line starts at the Big Creek WWTP and is laid upstream along the east side of a tributary of Big Creek, crossing Williams Street and ending at Mineral Springs Park along Main Street. The Old Lagoon Pump Station access drive is located off Crescent Drive on the opposite side of the CSX Railroad.	SC0046841	\$ 2,200,000	\$ 330,000		90
9	Renewable Water Resources - Little Grove Creek Sewer System Improvements	370-127	Work entails installation of a 2 MGD capacity pump station with two (2) 100-HP suction lift pumps, approximately 14,600 linear feet of 12-inch force main, approximately 2,000 cubic yards of rock excavation, 700 linear feet of jack and bores, easement acquisition and relevant pump station and force main appurtenances.	SC0041211	\$ 6,650,000	\$ 6,650,000		90
10	Joint Municipal Water & Sewer Commission - Old Orangeburg Road to Platt Springs Sanitary Sewer Improvements	780-05	Upgrade of collection system in the vicinity of Old Orangeburg Road and Platt Springs Road to include extending gravity main, upsizing existing gravity main along Old Orangeburg Road, and upsizing a small portion of the existing force main along Platt Springs Road.	SC0024147	\$ 5,000,000	5,000,000		90

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11	Lamar, Town of - Railroad Pump Station Upgrades	443-02	To abandon and upgrade the Railroad Pump Station which has reached its useful design life; to rehab/replace 1012 LF of existing 8" gravity sewer line; install 107 LF of new 8" and 30 LF of 6" sewer lines; rehab/replace four existing manholes and remove/replace one collapsed manhole.	SC0043702	\$ 127,126	\$ 127,126		80
12	Renewable Water Resources - (on behalf of Altamont Receivership held by SCDHEC) - Altamont WWTP Upgrade	370-114	The proposed project would replace the existing Altamont WWTP (12,400 gpm) with a similar treatment plant rated at 30,000 gallons (gpd) capacity.	SC0034398	\$ 800,000	\$ 800,000		80
13	Lancaster, City of - Lancaster WWTP 2021 Optimization Upgrade	497-21	Energy efficiency improvements to sludge handling, oxidation ditches, and aeration processes to improve processes and optimize energy use.	SC0046892	\$ 8,000,000	\$ 8,000,000		80
14	Anderson County - Pendleton-Clemson WWTP Expansion	472-09	The project includes expanding the existing WWTP from 2.0 MGD to 5.0 MGD. Improvements are required to meet current demands, provide capacity for industry, improve redundancy, improve electric efficiency, and improve nutrient removal. Improvements will be made to the following processes: headworks/pump station, aeration capacity, secondary treatment, tertiary treatment, RAS/WAS pumping, and digestion. Improvements to the site electrical are also included. Old equipment and motors will be replaced with more efficient equipment and motors.	SC0035700	\$ 60,000,000	\$ 19,000,000		70
15	Clemson, City of - Pendleton-Clemson WWTP Expansion	472-09	The project includes expanding the existing WWTP from 2.0 MGD to 5.0 MGD. Improvements are required to meet current demands, provide capacity for industry, improve redundancy, improve electric efficiency, and improve nutrient removal. Improvements will be made to the following processes: headworks/pump station, aeration capacity, secondary treatment, tertiary treatment, RAS/WAS pumping, and digestion. Improvements to the site electrical are also included. Old equipment and motors will be replaced with more efficient equipment and motors.	SC0035700	\$ 60,000,000	\$ 15,650,000		70
16	Pendleton, Town of - Pendleton- Clemson WWTP Expansion	472-09	The project includes expanding the existing WWTP from 2.0 MGD to 5.0 MGD. Improvements are required to meet current demands, provide capacity for industry, improve redundancy, improve electric efficiency, and improve nutrient removal. Improvements will be made to the following processes: headworks/pump station, aeration capacity, secondary treatment, tertiary treatment, RAS/WAS pumping, and digestion. Improvements to the site electrical are also included. Old equipment and motors will be replaced with more efficient equipment and motors.	SC0035700	\$ 60,000,000	\$ 12,350,000		70

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17	Pendleton, Town of - Central Road PS Replacement	472-10	This project will include replacement of the existing Old Central Pump Station. The pump station has exceeded it's useful life and has flooded multiple times in the past 3 years. The wet well is brick and requires an operator to enter the wet well to maintain the redundant pump. In addition, the pump station currently does not have SCADA.	N/A	\$ 600,000	\$ 500,000		70
18	James Island Public Service District - Phase 5 Rehabilitation of Wastewater Facilities	543-24	Phase-5 of a planned five-phase capital improvement project to include repairs of remaining, previously prioritized Grade 2, 3, and 4 sewers, service lines, service line connections, open-cut structural sewer line point repairs, and manhole structural repairs and lining. The Phase-5 scope-of-work will include structural repairs and lining of approximately 60 manholes.	SC0021229	\$ 1,000,000	\$ 1,000,000		70
19	Renewable Water Resources - Onsite EQ and Process Improvements	370-121	New on-site 3.0 MG influent wet weather equalization basin, modifications to the Headworks effluent distribution box, new RAS flow distribution box, addition of anoxic zone flow control gates, new redundant influent pump and associated controls, and new 2,500 square foot storage building.	SC0047309	\$ 9,700,000	\$ 9,275,000		70
20	Belton, City of - Big O'Neal Sewer Subbasin Rehab (Phase 2)	230-03	Phase 2 will consist of combination of traditional rehabilitation methods such as open-cut relocations as well as pipe bursting and cured-in-place pipe ("mixed rehab") to improve the system. Traditional and mixed rehab projects would also involve any necessary point repairs, manhole rehabilitation or replacement, and lateral connection improvements.	SC0045896	\$ 1,500,000	\$ 1,500,000		70
21	Due West, Town of - Sewer System Evaluation	273-02	Conduct a Sanitary Sewer Evaluation Survey (SSES) to prioritize future sewer system rehabilitation through appropriate methods such as pipe bursting, cured-in-place pipe, or open-cut relocation as well as manhole and lateral improvements.	SC0022403	\$ 380,000	\$ 380,000		70
22	Great Falls Town of - WWTP Clarifiers Upgrade	210-03	The project involves the replacement of the two clarifiers at the Great Falls WWTP. The carbon steel components are rusting out, and the old equipment cannot be successfully maintained because of the difficulty in finding parts for the obsolete equipment. The project will include the following: (1) Removing the two existing clarifiers; (2) Installing 2 new 40' diameter clarifier assemblies; (3) Connecting the new clarifiers to 2 new electrical control panels; (4) Installing 2 2-inch conduit poles with flood lights; and (5) Coating the clarifier walls with cementitious mortar epoxy.	SC0021211	\$ 1,512,600	\$ 989,600		70
23	Harleyville, Town of - Wastewater Treatment Plant Upgrade	801-01	To upgrade the waste water treatment plant facility to handle an additional 75,000 gallons per day of discharge capacity. To allow for proper discharge of excess flow with the specified limit.	SC0038504	\$ 1,476,500	\$ 976,500		70

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24	Laurens County Water and Sewer Commission - Clinton - Joanna Wastewater Treatment Plant Sludge Improvements	540-14	The overall scope of the project involves the installation of 2,750,000 gallon sludge storage tanks complete with floating aerators/mixers, a sludge transfer pump station, static mixers, recirculation pumps, plug valves, piping, controls and other related appurtenances.	SC0037074	\$ 3,026,000	\$ 1,000,000		70
25	Lamar, Town of - New Pump Station Build and Infrastructure Rehab Engineering Emergency Project	443-01	Relocate one pump station and conduct a Sanitary Sewer System Evaluation to prioritize future collection system rehab/replacement.	SC0043702	\$ 1,167,915	\$ 847,304		70
26	Anderson, City of - Rocky River WWTP and Generostee Creek WWTP Improvements	379-21	This project will include the replacement of the floating anaerobic digester lid at the Rocky River WWTP and upgrading the SCADA system to a more robust and versatile software system at both the Rocky River WWTP and Generostee Creek WWTP. These improvements will replace aging infrastructure and improve operations, but will not increase treatment capacity at either facility. Please see attached narrative for additional details about the project. A copy of the Rocky River WWTP Condition Assessment Report is also provided.	SC0023744 SC0023752	\$ 2,190,000	\$ 2,190,000		60
27	Allendale, Town of - Sanitary Sewer Evaluation Survey (SSES) and Generators	382-02	To conduct a Sanitary Sewer Evaluation Survey (SSES) of the town of Allendale's sanitary sewer system including CCTV inspection of the collection lines, a Level 2 MACP inspection of manholes and GPS location of the manholes. Deficiencies would be documented and prioritized with recommendations and estimated costs to address the deficiencies. The assessment would provide the town with the documentation and data needed to move forward with funding to complete needed repairs, replacements and rehabilitation. The proposed project would also include three fixed emergency generators for town sewer pump stations.	SC0039918	\$ 700,000	\$ 700,000		60
28	New Ellenton, City of - Town of New Ellenton WWTF	714-03	The polyethylene pond liners for the secondary wastewater treatment pond and must be replaced per Consent Order. The ponds will be dewatered, sludge removed, subgrade repaired, and liners replaced with an HDPE pond liner and venting system.	SC0068454	\$ 1,500,000	\$ 1,000,000		60
29	Branchville, Town of - Stationary Generators for Lift Stations	808-01	This project is to install six (6) stationary emergency generators at the above listed lift stations. At this time The Town of Branchville only has one (1) portable diesel fueled portable pump. This is not sufficient to sustain this collection system in the event of a power outage or a natural disaster.	SC00047333	\$ 458,000	\$ 458,000		60
30	Renewable Water Resources - Welcome and Brushy Creek Gravity Upgrades	370-124	Wet Weather - Upgrade gravity sewer pipe along Brushy Creek from MH400B-394 north of 85 to MH400B-166 at Grove Rd as well as along Welcome Creek from MH400B-60 near Hidden Hills Dr. to MH 400B-126 at Anderson Rd.	SC0041211	\$ 25,628,300	\$ 25,628,300		60

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31	Belton City Of - Big O'Neal Sewer Subbasin Rehab -Ph 1	230-02	SSES, PER and CIP development along with GPS of MH's for integration with GIS and asset Management. Construction will include "mixed rehab" e.g. point repairs, manhole rehabilitation or replacement, and lateral connection improvements.	SC0045896	\$ 1,000,000	\$ 1,000,000		60
32	Calhoun Falls, Town of - Sewer Collection System Rehabilitation FY22	453-06	The "Sewer Collection System Rehabilitation FY22" project will be a continuance of the "FY20" project. This project involves sewer line rehabilitation through as point repairs, pipe bursting, cured-in-place pipe, or open-cut relocation, manhole rehab, lateral connections.	SC0025721	\$ 1,000,000	\$ 1,000,000		60
33	Calhoun Falls, Town of - Town of Calhoun Falls Sewer System Upgrades	453-07	Replace existing floating aerators in the Continuously Filled Intermittent Discharge treatment basin with a more efficient diffused air aeration system and construct a ground mounted solar array within a decommissioned lagoon at the wastewater treatment plant to provide a source of renewable energy.	SC0025271	\$ 2,882,800	\$ 500,000		60
34	Clinton, City of - New PS and Force Main for Stone Creek Development and Florida St. PS Replacement	473-05	Project includes a new PS and approx 4,500 LF of 6-inch force main from the Stone Creek Development. The proposed project also includes replacement of the existing Florida Street PS as well as approximately 4,800 LF of 6-inch force main to reroute the line from running under the railroad tracks. Approximately 2,200 LF of 8-inch force main would also be constructed to tie these flows into an existing manhole.	SC0037974	\$ 2,643,796	\$ 2,643,796		60
35	Honea Path, Town of - Corner Creek Basin Sewer Rehabilitation (Phase 3)	515-04	The "Corner Creek Basin Sewer Rehabilitation (Phase 3)" project will be a continuance of the "Phase 2" project. This project involves sewer line rehabilitation through as point repairs, pipe bursting, cured-in-place pipe, or open-cut relocation, manhole rehab, lateral connections.	SC0020214	\$ 4,220,527	\$ 1,000,000		60
36	Honea Path, Town of - Chiquola and Clatworthy Subbasin - Sewer Rehabilitation (Phase 1)	515-05	SSES, PER and CIP development along with GPS of MH's for new GIS and asset Management. Construction will include "mixed rehab" e.g. point repairs, manhole rehabilitation or replacement, and lateral connection improvements.	SC0020214	\$ 1,000,000	\$ 1,000,000		60
37	Saluda County Water and Sewer Authority - Saluda County Water and Sewer Regional Utility Evaluation	806-01	Saluda CPW & the Town of Ridge Spring have approached SCWSA regarding potential regional partnerships beyond wholesale contracts. This planning effort will evaluate the feasibility of the water service from SCWSA and the development of a regional WWTP.	SC0022381	\$ 400,000	\$ 300,000		60
38	Berkeley County Water & Sanitation - Renovation of Pump Stations 64 & 131	496-30	Renovate two aging pump stations.	SC0039764	\$ 2,500,000	\$ 2,500,000		60
39	Renewable Water Resources - Enoree Gravity Upgrade	370-118	Approximately 15,000 linear feet of existing gravity sewer will be upsized. A conceptual study indicates approximately 13,000 linear feet of existing 24" and 30" gravity sewer will be upsized to 27" and 36" gravity sewer. Approximately 2,000 linear feet of 12" gravity sewer along East Main Street will be upsized to 15" gravity sewer.	SC0033804	\$ 18,800,000	\$ 18,800,000		50

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40	Mount Pleasant Waterworks - Environmental Protection through Force Main Renewal, Replacement, Improvement Program	511-56	North Highway 17 (from Faison Road to Carolina Park Blvd): Existing 12-inch force main on Highway 17 is over 30-years old. A new force main is required due to the deterioration of the existing pipe. This was determined during MPW's force main condition assessment program when an attempt to inspect the force main resulted in a rupture of the line in front of the Roper St. Francis Hospital. Rifle Range Road (from Long Grove to Magnolia Woods Drive): Existing 20-inch force main on Rifle Range Road is over 30 years old. It has experienced three failures in the past 10-years, with the most recent one in December 2020, resulting in an expensive emergency repair.	SC0040771	\$ 14,000,000	\$ 14,000,000		50
41	Bishopville, City of - Bishopville Sewer System Evaluation Survey (SSES) and Sewer Rehabilitation	809-01	The proposed project includes digital mapping, an SSES of Bishopville's sewer system and subsequent system rehabilitation based on the SSES recommendations. A Capital Improvements Plan (CIP) will be developed to allow rehabilitation planning. The City will be rehabilitating or replacing existing sewer lines, rehabilitating manholes and PSs based on the prioritized ranking provided in the GIP. Due to the City's limited resources for operation and maintenance, the collection system is in need of significant work to bring it up to good operating standard.	SC0035378	\$ 1,000,000	\$ 1,000,000		50
42	Abbeville, City of - Long Branch Sewer Rehabilitation	728-05	Conduct a Sanitary Sewer Evaluation Survey ("SSES") on the entire Long Branch Basin and prepare a Preliminary Engineering Report ("PER") to prioritize current and future improvements.	SC0040614	\$ 353,000	\$ 353,000		50
43	Abbeville, City of - Long Branch Sewer Rehabilitation (Phase 2)	728-06	This initial phase of construction is expected to target roughly 25% of the Long Branch Basin and will include approximately 10,000 LF of CIPP lining for gravity mains and various improvements to approximately 40 manholes. The rehabilitation will be more accurately defined during a separate basin-wide Sanitary Sewer Evaluation Survey ("SSES") and the subsequent Preliminary Engineering Report ("PER").	SC0040614	\$ 1,413,000	\$ 1,413,000		50
44	Inman, Town of - Phase 6 Gravity Sewer Improvements - Powell, Bridges, & Prospect Streets	487-03	The sewer line was originally installed in the "backyards" of area residents. For this reason, the line does not directly follow an existing road. A right-of-way exists for the current sewer line. Construction of the proposed gravity sewer line will remain in the existing right-of-way. The sewer line consists of approximately 2,970 linear feet of 8" gravity sewer, and approximately 18 manholes reconnections and all appurtenances.	SC0021601	\$ 1,110,500	\$ 1,110,500		50

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45	Renewable Water Resources - Mauldin Road WRRF Centrifuges and Biosolids Conveyance Improvements	370-130	The belt filter presses (BFPs) were originally installed over 40 years ago and require replacement. One of the existing BFPs is not functional. This project will include replacement of the BFPs with centrifuges and biosolids conveyance improvements between the digesters and the dewatering equipment to increase capacity and improve efficiency. The estimated design mass load for the centrifuges is 7,000 pounds per hour. The conveyors from the dewatering equipment to truck load out will also be replaced.	SC0041211	\$ 9,100,000	\$ 9,000,000		50
46	Renewable Water Resources - Mauldin Rd Bioreactor Equipment Replacement	370-131	Four Hoffman (now Gardner Denver) model 67105A multistage centrifugal blowers provide aeration to Bioreactor No. 2 (BR2). The blowers were installed in 1986 and are nearing the end of their useful life. ReWa is considering rehabilitating or replacing the existing blowers as part of an Aeration Improvements Project, which may also include repair or replacement of the diffusers and air piping with BR2, and process improvements to reduce inefficiencies in the existing aeration system including backmixing and high dissolved oxygen (DO) operation.	SC0041211	\$ 6,100,000	\$ 6,100,000		50
47	Carlisle, Town of - Carlisle/Union Regional Sewer Extension Project	575-01	Extend ~60,000 linear feet of wastewater line to convey the Town's wastewater to the City of Union's Tosch's Creek WWTP and allow the plant currently treating Carlisle's wastewater to be decommissioned.	SC0047244	\$ 6,580,000	\$ 2,000,000		50
48	Bennettsville City of - Sewer System Evaluation	406-07	The gravity sewer system will be mapped out and an in-line gravity sewer evaluation will be performed to asses the condition of the existing pipes.	SC0025178	\$ 498,620	\$ 498,620		50
49	Bowman, Town of - Bowman Wastewater Treatment Plant Improvements	729-02	Improvements necessary to enable the Town of Bowman's WWTP to comply with current SCDHEC effluent limits established in NPDES Permit SC0040037 and directed by the Consent Order dated December 15, 2021.	SC0040037	\$ 2,046,981	\$ 796,981		50
50	Clio, Town of - Sewer System Evaluation Study (SSES)	732-04	The project would target the gravity sewer collection system of the Town of Clio, SC. The Town's sewer collection system is ultimately conveyed to the Clio WWTP (NPDES # SC0040606) Which has the option of discharge into a 52-acre sprayfield on Hagen's Prong.	SC0040606	\$ 437,700	\$ 437,700		50
51	Liberty, City of - Quarry Road and Old Norris Lift Station Rehabilitation/Replacement	802-01	The project involves the rehabilitation of the Old Norris Road lift station and the construction of a gravity sewer line to replace the Quarry Road lift station.	SC0042994	\$ 832,845	\$ 308,435		50
52	Metropolitan Sewer Subdistrict - Heritage Court and Old Mountain Creek - Private Sewer System Rehabilitation	530-04	Heritage Court Rehab: Replace Exist 8" Aerial Creek Crossing, install 420 feet of new 8" Sewer, and re-route 4 service laterals to new sewer; Old Mountain Creek Rehab: Rehab and replace approximately 1,050 feet of exist 8" sewer and 12 manholes.	SC0033804	\$ 494,345	\$ 444,345		50

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53	ReWa - Gilder Creek WWRF IPS Improvements	370-112	Enhancing the Influent Pump Station's ability to handle peak flow events by trimming pump impellers. And replacement of associated mechanical and electrical components.	SC0040525	\$ 4,310,000	\$ 4,310,000		50
54	Chester County Wastewater Recovery - Lando-Manetta WWTP Connection to Rock Hill system	380-12	The proposed project includes a 4 MGD pump station at the CWR Lando-Manetta WWTP with approximately 47,400 feet of 20-inch force main connecting to the existing Wildcat force main near Southland on the City of Rock Hill system.	SC0001741	\$ 25,000,011	\$ 25,000,011		40
55	Calhoun Falls, Town of - Sewer Collection System Rehabilitation FY23	453-08	To develop the preliminary project scope, SSES data with priority rankings were utilized for Manholes and Mainlines to filter assets of highest priority. Manholes not rehabbed in FY 20, but which remain high priority are targeted for full rehab. The manhole rehab will involve a combination of bench / invert repairs, pipe connection repairs, epoxy lining with frame and cover replacement. Likewise, and although on a different ranking scale, mainline segments remaining on a high priority are targeted for full rehab. The main line work will involve a combination of open cut replacement and pipe bursting.	SC0025721	\$ 1,500,000	\$ 1,500,000		40
56	Renewable Water Resources - Gilder Creek Odor Control	370-132	This project includes evaluation, design, and construction of new odor control facilities.	SC0040525	\$ 4,440,000	\$ 4,440,000		40
57	North Charleston Sewer District - NCSD Collection System Improvements	810-01	This project includes 2 priority projects: 1)Construction of a new 2.5 MGD wastewater pump station to replace the existing station that was built in the late 1960's & has reached the end of its useful life. It has been modified over the years to address changes in flow conditions, but the current structure will not accommodate additional upgrades and a new station is needed. 2)Rehabilitation of approximately 7200LF of wastewater force main that has reached the end of its useful life and has had multiple failures in recent years, including one in August 2022 that resulted in a reportable SSO.	SC0024783	\$ 5,500,000	\$ 5,500,000		40
58	Renewable Water Resources - Swamp Rabbit Gravity Upgrade 1	370-120	Wet Weather - Upgrade gravity sewer pipe along Swamp Rabbit Trunk from E Bramlett to Sulphur Springs Road (approx. 14,760 LF). A conceptual study indicates the upsizing would be approximately 6,210 LF from 36" to 48", 7410 LF from 30" to 48", and 1080 LF from 30" to 42".	SC0041211	\$ 25,133,550	\$ 25,133,550		40
59	Renewable Water Resources - Conestee Pump Station & Force Main	370-117	Project will divert flow from the Lower Reedy WRRF to the Mauldin Rd WRRF basin to reduce wet weather SSOs in the Lower Reedy System.	SC0041211, SC0024261	\$ 23,700,000	\$ 22,500,000		40
60	Renewable Water Resources - Long Branch Creek Gravity Sewer Upgrade	370-119	Replace existing gravity sewer, which will reduce potential for SSOs during wet weather events and provide additional capacity for growth.	SC0041211	\$ 18,000,000	\$ 18,000,000		40

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61	Berkeley County Water and Sanitation - Central Berkeley WWTP Upgrade to 9 MGD	496-32	This project will expand the existing wastewater treatment facility from 6 MGD to 9 MGD. The expansion will include the construction of an oxidation ditch, secondary clarifier, aerobic digester, ultraviolet disinfection system, emergency generator and associated electrical distribution and controls.	SC0039764	\$ 35,000,000	\$ 25,000,000		40
62	Greer Commission of Public Works - Gibbs Shoals Area Sewer Improvements	463-13	Construct approximately 5,700 linear feet (LF) of new 24-inch trunk sewer, 3,500 LF of new 21-inch trunk sewer, 4,170 LF of new 18-inch trunk sewer, 3,700 LF of new 15-inch trunk sewer, 6,700 LF of new 12-inch interceptor sewer and 4,600 LF of new 10-inch interceptor sewer within the Gibbs Shoals Basin.	SC0046345	\$ 9,750,000	\$ 8,775,000		40
63	Union, City of - Union Mills Sewer Improvement	373-07	The project will improve wastewater in Union Mill on N. Enterprise St., Excelsior Mill along College St., and Monarch Mill on Park, Boyd, Lowry.Walker & Lockhart Hwy. It will complete ongoing improvements in Union and Excelsior Mills replacing 100 yr old infrastructure.	SC0047244	\$ 1,398,718	\$ 302,718		40
64	Woodruff, City of - Edwards Road Force Main Replacement	504-03	The Edwards Road force main has reached the end of its useful life and is in need of replacement to avoid SSOs and is in need of up-sizing to accommodate increased sewer demand.	SC0045802	\$ 1,486,000	\$ 986,000		40
65	ReWa - Lower Reedy Digester Complex - Ph 2	370-108	Rehabilitation of the existing anaerobic digester and replacement of associated equipment.	SC0024261	\$ 5,800,000	\$ 5,800,000		40
66	Rock Hill, City of - Wildcat Creek Force Main Relocation	393-35	The Wildcat Creek, Southland Park, and Albright Porter Road PSs pump through approximately 40,968' of 30/36" force main. The last 600' of the force main includes an intermediate highpoint and has failed/been repaired at least twice in the last 7 years because of corrosion of the pipe from hydrogen sulfide. To avoid future failures, the City is planning to relocate - 1,800' of 36" force main and to install - 1,300' of gravity sewer to the new Tech Park Sewer. This will allow the abandonment/closure of -2,000' of the existing force main to the high point and the abandonment of a pressure sewer/inverted siphon and gravity sewer that is located downstream of the force main discharge along Anderson Road. The infrastructure downstream of the force main discharge has reached the end its useful life due to sulfide corrosion and the siphon is thought to contribute to the sulfide concentrations in the downstream sewer infrastructure leading to odors and corrosion.	N/A	\$ 8,730,000	\$ 8,700,000		30
67	Rock Hill, City of - Manchester Creek Biosolids Processing Facility	393-36	Construct a biosolids handling facility to include equipment capable of producing Class A biosolids.	SC0020443	\$ 62,897,000	\$ 62,897,000		30

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68	Honea Path, Town of - Chiquola and Clatworthy Subbasin - Sewer Rehabilitation (Phase 1)	515-06	Phase 1 will utilize Sanitary Sewer Evaluation Surveys (SSES) to fully evaluate the basin; including CCTV investigations, smoke testing, and manhole inspections. This SSES would then allow for critical areas to be identified as well as provide the data necessary to develop cost-effective and beneficial plans to rehabilitate the basin within the remaining, allocated PF funds through some combination of open-cut relocations, pipe bursting, and cured-in-place pipe along with manhole rehabilitation or replacement and lateral connection improvements. As part of the SSES, Manhole inspections would also include GPS mapping grade survey of manholes for GIS development. The new GIS would be the beginning of an asset management system to be built upon in the future and allow for long-range planning and system-wide CIP development.	SC0020214	\$ 1,500,000	\$ 1,500,000		30
69	Eastover, Town of - Sanitary Sewer liftstation emergency generator	812-01	The proposed project would include the purchase and installation of three fixed emergency genertaors for the towns three sewer liftstations.	SC0002038	\$ 250,000	\$ 250,000		30
70	Easley Combined Utilities - Georges Creek WWTP Upgrade & Expansion	711-08	Upgrade & expansion of 30 year old 0.82 MGD treatment facility to 1.6 MGD.	SC0023043	\$ 11,000,000	\$ 10,000,000		30
71	Easley Combined Utilities - Middle Branch WWTP Headworks Improvements	711-09	Construct new headworks rated for 12MGD with associated piping, valves, electrical, and other improvments.	SC0039853	\$ 2,850,000	\$ 2,570,000		30
72	Ninety Six Commission of Public Works - Pier 96 Wastewater Treatment Plant Replacement	536-02	The project involves the refurbishment or replacement of a 0.06 MGD WWTP, and the potential capacity expansion to 0.12 MGD with the addition of package WWTP processes. Any new plant infrastructure will be a modular package WWTP and its supporting components.	SC0042706	\$ 1,778,700	\$ 1,000,000		30
73	Grand Strand WSA - Conway to Bucksport Diversion	381-81	Install ~40,000 LF of 20" force main and a duplex pump station to allow GSWSA to redirect flows between the Conway WWTP and the Bucksport Regional WWTP if needed, especially during extreme weather events.	SC0021733, ND0086240	\$ 8,500,000	\$ 8,500,000		30
74	Bennettsville, City of - Emergency By- pass Pumps	406-04	Install three permanent emergency by-pass pumps and purchase a portable by-pass pump to pump sewer flow from pump station wet wells in the event of a power outage, especially during an extreme weather event.	SC0025178	\$ 567,000	\$ 567,000		30
75	Starr-Iva Water & Sewer District - Cloverhill Sewer Rehab - Phase 2	742-02	Rehabilitation/replacement of collection system piping and manholes with the most critical need for correction.	SC0023744	\$ 500,000	\$ 500,000		30

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76	Lowcountry Regional Water System - Yemassee WWTP Improvements	734-03	The project consists of improvements to the Yemassee WWTP to address compliance issues outlined in Consent Order 22-030-W. Preliminary design efforts by Keck & Wood have identified two options for achieving compliance: aeration upgrades or enhanced biological treatment via fixed growth reactors. We are in the process of finalizing the PER to identify the best alternative. Technical memos completed to date are attached for more information.	SC0025950	\$ 2,125,000	\$ 1,875,000		20
77	Renewable Water Resources - Mauldin Road FOG Handling Enhancements	370-110	This project consists of the construction of a new receiving facility for the processing of fats, oils, and grease (FOG), a new receiving facility for processing septage and the addition of launder covers to the Secondary Clarifiers at the Mauldin Road WRRF to enhance plant operations. This project will result in improvements of FOG receiving to increase digester gas production which will serve as additional fuel for the Combined Heat and Power (CHP) engine-generator. The septage receiving improvements will protect the existing coarse bar screens from damage and reduce hauler traffic concerns. The launder covers will prevent algae growth in the secondary clarifier effluent channel and reduce maintenance requirements.	SC0041211	\$ 13,418,000	\$ 13,198,000		20
78	Aiken County Public Service Authority - Horse Creek Pollution Control Facility Improvements	321-31	The Horse Creek Pollution Control Facility is currently permitted at 20 MGD wastewater treatment capacity The plant using an oxidation ditch treatment process. The project includes improvements to the treatment process, secondary clarifiers, contact chamber, and sludge disposal. The project will expand the HCWWTF permitted treatment capacity to 26 MGD.	SC0024457	\$ 30,000,000	\$ 20,000,000		20
79	Ware Shoals, Town of - Ware Shoals WWTP Headworks Improvements	537-04	The existing influent screen and associated equipment at the headworks of the WWTP date back to the 1983 upgrade at the facility. This equipment has outlived its useful life and is in need of replacement. Additionally, The WWTP does not currently have a grit removal process. Screening and grit removal equipment plays a critical role at the WWTP facility by removing a large amount of debris and grit from the wastewater that can damage downstream equipment and reduce the treatment efficiency at the plant. In addition to the poor condition of the existing screen, a secondary waste stream enters the WWTP downstream of the existing headworks structure and is not combined with the primary waste stream prior to entering the aeration basin. Without the waste streams being combined upstream of the aeration basin, there is no way to collect a true influent sample at the WWTP. This project will also install a new splitter box upstream of the aeration basin to combine all waste streams and allow for an influent sampling point.	SC0020214	\$ 1,200,000	\$ 1,200,000		20

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80	Donalds-Due West Water & Sewer Authority - Utility Asset Mgmt Project	704-03	Project includes completion of a utility asset inventory and drafting of a capital improvements plan to define priority improvements and to streamline long-term asset management strategy.	SC0020214	\$ 290,000	\$ 290,000		20
81	Hemingway, Town of - Lead line & sewer system survey	165-02 & 4510004- 04	The gravity sewer system will be mapped out and an in-line gravity sewer evaluation will be performed to asses the condition of the existing pipes. A partial lead service line inventory will also be completed, utilizing a vac truck to expose and check the material type on service lines.	SC0039934	\$ 480,470	\$ 480,470		20
82	Jefferson Town of - Regional Sewer Sytem Feasibility Study	268-05	Evaluate the feasibility of pumping Town of Jefferson wastewater 7 miles to the WWTP in Pageland, SC.	SC00024767	\$ 75,780	\$ 75,780		20
83	Latta, Town of - Northwest Latta Sewer Upgrades	419-02	The proposed project will replace many sections of old, outdated, primarily clay gravity sewer pipe. The pipe will be upgraded to HOPE pipe using the pipe bursting installation method to minimize disturbance.	SC0025402	\$ 1,496,700	\$ 996,700		20
84	Lowcountry Regional Water System - LRIP Lift Station Rehabilitation	734-02	Rehab and replacement of 30+ year old sewage lift station serving Lowcountry Regional Industrial Park.	SC0025950	\$ 545,000	\$ 470,000		20
85	Dillon, City of - Wastewater System Upgrades	424-11	Relocate two existing 20" force mains that need to be moved off an abandoned bridge that is structurally unsound.	SC0021776	\$ 1,586,000	\$ 646,000		20
86	Blackville, Town of - Wastewater Treatment Facility (WWTP) Improvements and Collection System Rehabilitation	477-02	Replacement of existing equipment, treatment process upgrades, sludge handling/ de-watering upgrades, addition of secondary clarifiers/RAS pump station, and other improvements necessary to ensure that the plant can reliably meet its permitted effluent limits and address the items outlined in the SCDHEC Consent Orders currently in effect.	SC0021229	\$ 7,129,016	\$ 929,872		10
87	Hilton Head Public Service District - HHPSD WWTP and Royal James Pump Station Improvements	509-08	Replace and upgrade critical components of the HHPSD WWTP and Royal James Pump Station to improve and maintain the quality of treated effluent such that the coastal resources and environment are protected for years to come.	SC0046191, ND0068462	\$ 13,300,000	\$ 13,300,000		10
88	Clio, Town of - Wastewater Treatment Plant Upgrades	732-03	The Town's sewer collection system is ultimately conveyed to the Clio WWTP (NPDES # SC0040606) Which has the option to discharge into a 52-acre sprayfield on Hagen's Prong. This project would amend the sprayfield to better treat nutrients.	SC0040606	\$ 681,400	\$ 181,400		10
89	Greer Commission of Public Works - Maple Creek WWTP Upgrade and Expansion	463-14	Upgrade and expansion of WWTP from 5 MGD to 7.5 MGD. Will include upgrading treatment process equipment that has been in operation for over 25+ years with new modernized equipment. Will include retrofitting the existing 3 SBR tanks with advanced biological treatment technologies to enhance biological treatment and settling characteristics.	SC0046345	\$ 18,000,000	\$ 8,000,000		10

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90	Lake City, City of - Martha Law Neighborhood Sewer Replacement	413-02	The project involves replacement of gravity sewer lines serving the Martha Law neighborhood in Lake City, consisting of approximately 4271 LF of line, manhole replacement and rehabilitation, excavation, asphalt repaving and driveway repairs to the 69 residences.	SC0046311	\$ 2,390,037	\$ 1,390,037		10
91	James Island Public Service District - Harbor View Road Force Main Capacity Upgrade Project	543-23	The Project will include a total of 5,573 Ft. of 20" and 24" nominal diameter (ID) wastewater transmission force main extending from at existing junction assembly at Harbor View Road and Waites Drive to the to the CWS Plum Island WWTF. The Project will include three (3) HDPE Horizontal Directional Drills (HDD) of 863 Ft., 1,215 Ft., a 3,309 Ft tidal march and creek crossing, 186 of open-cut 20" ID C905 PVC, diversion of CWS-61 flow into the District's existing 18" force main, four (4) force main junctions including two emergency flow diversion cross-connections to divert flow into either the existing 18" ID or proposed 24" ID force main, and a new Master Flow Meter. The proposed force main will parallel the District's existing 18" ID circa 1996 force main, provide additional transmission capacity to meet projected 2040 demand, and provide emergency transmission redundancy for three JIPSD pump stations and one CWS Pump Station.	SC0021229	\$ 8,711,836	\$ 8,711,836		0
92	Clemson, City of - Sewer pump station improvements	267-04	The overall project consists of the replacement of approximately 3,200 feet of existing 12-inch trunk sewer with new 18-inch PVC trunk sewer line, new manholes and related appurtenances. The project also consist of major improvements to Pump Station No. 7 and No. 5. Improvements include a new wet well and valve vault, new pumps (200 gpm each at PS No. 5 and 1,500 gpm each at PS No. 7) and piping and associated electrical and controls. A standby generator is proposed for PS No. 5 and both an emergency pump and generator at PS No. 7 and all other related items and appurtenances.	SC00200010	\$ 7,500,000	\$ 7,500,000		0
93	Andrews, Town of - Relocation and upgrades to the wastewater collection system	811-01	The scope of this project is to install four (4) new manholes and rehabilitate one (1) existing manhole along with associated piping to avoid a system failure, endangering public health and environmental impact.	SCR030000	\$ 177,014	\$ 177,014		0
94	Camden, City of - Project Goal Post - Prestage Wastewater System Improvements	433-06	Design and construct 30,000 LF of 12" and 16" wastewater force mains, one new pump station and upgrade one pump station to primarily serve Prestage Foods. Construct a new influent pump at the City's WWTP. Prepare a preliminary engineering report (PER) to up-rate the WWTP to increase capacity without add new tankage.	SC0021032	\$ 9,720,000	\$ 5,525,000		0
95	Grand Strand Water & Sewer Authority - Bucksport WWTP Expansion	381-82	Upgrade of the existing Bucksport WWTP from 5 MGD to 10 MGD.	ND0086240	\$ 35,000,000	\$ 35,000,000		0
96	Grand Strand Water & Sewer Authority - Green Sea Floyds WWTP Expansion	381-83	This project consists of upgrading the capacity at the existing Green Sea Floyds WWTP by expanding the sprayfields and adding a lagoon if found necessary.	ND0066516	\$ 1,000,000	\$ 1,000,000		0

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97	Gray Court, Town of - Gray Court Sewer Infrastructure	805-01	The proposed project includes approximately 1,500 LF of 8-inch gravity sewer that will convey flow to an 100 gallon per minute (gpm) lift station that will convey flow through 6,500 LF of 4-inch force main to existing LCWSC owned gravity sewer.	SC0040002	\$ 1,265,000	\$ 765,000		0
	Greeleyville, Town of - Greeleyville Wastewater System Improvements Project	719-04	The proposed project involves various upgrades, improvements, and expansions to the Town of Greeleyville's wastwater treatment plant and improvements to the existing lift stations on the Town of Greeleyville's sewer system.	ND0077968	\$ 1,406,127	\$ 1,406,127		0
99	Greeleyville, Town of - Greeleyville Main Street Sewer Improvements Project	719-06	The proposed project involves gravity sewer improvements to the Town of Greeleyville's existing sanitary sewer system including the following: approximately 3,126 LF of 8" gravity sewer lines, 14 manholes and 21 services.	ND0077968	\$ 930,456	\$ 930,456		0
	Lane, Town of - Lane Water and Wastewater System Reliability and Efficiency Improvements	770-04	Project consists of various improvements to the Lane Water and Wastewater Systems. Improvements include: repaining tank, installing safety climb on tank, renovating well electrical, rebuilding master meter connection, installing bar screens at lift stations and adding SCADA.	SC0048097	\$ 591,608	\$ 591,608		0
101	Pinewood, Town of - Improvements to Address EPA Consent Order	803-01	The proposed project includes a Water Effects Ratio (WER) Screening, full WER testing if results are positive, NPDES permit modification, corrosivity desktop evaluation, and a possible pilot study for corrosion control treatment. Construction would include repairs at the WWTP.	SC0046868	\$ 923,400	\$ 431,700		0
	Summerville Commissioners of Public Works - Summerville Wastewater Treatment Plant Upgrades	804-01	Three solar dryer bays including concrete foundations, dewatering building with belt presses and conveyors, modifications to the existing digesters, RAS/WAS pumps improvements and general valves and piping within the wastewater treatment plant, electrical improvements and grading.	SC0037541	\$ 21,010,000	\$ 15,000,000		0
	Union County - Buffalo Mill Pond WQ Improvements & Silt Removal	807-01	The Buffalo Mill Pond suffers from high amounts of sediment deposit and continues to experience sedimentation due to bank erosion upstream of the pond. The project would remove much of the built-up silt and prevent future deposition via stabilization of the stream.	NA	\$ 380,695	\$ 380,695		0
	Lexington, Town of - 1-20 Wastewater System - Ph IV: Sunset Blvd Sewer Improvements	740-04	Construction of two pump stations and gravity sewer lines to provide sewer service to commercial and residential properties in a currently unsewered area.	SC0024147	\$ 2,700,000	\$ 2,700,000		0
				Totals:	\$ 806,837,116	\$ 597,802,224	•	

Footnotes:

1 This amount represents the Project Sponsor's estimate of the project costs to be paid with SRF loan funds. This amount may include a request for all or part of the loan as principal forgiveness (PF).

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² Federal appropriations require that to the extent there are eligible projects, the CWSRF identify GPR eligible projects or parts of projects in an amount equal to at least 10% of the expected capitalization grant amount as GPR eligible. GPR eligible projects with requested SRF loan amounts that exceed 10% of the capitalization grant will be identified in the Intended Use Plan and documented in the annual report