SOUTH CAROLINA SRF STATE REVOLVING FUND

DRINKING WATER

South Carolina's Comprehensive Priority List of DWSRF Projects

June 23, 2025

SCDES
Bureau of Water
2600 Bull Street
Columbia, SC 29201
des.sc.gov/srf

SC DEPARTMENT of ENVIRONMENTAL SERVICES

Preamble

The federal Safe Drinking Water Act (SDWA) requires that the State maintain a comprehensive list of (infrastructure) projects eligible to be funded from the Drinking Water State Revolving Fund (DWSRF). The SDWA further requires that the State's DWSRF Program have a system to rank the projects in priority order. To the maximum extent practicable, the ranking system must prioritize projects that address serious risk to public health, enable compliance with SDWA, and have the greatest needs, based on the cost of drinking water per household. South Carolina's *Drinking Water Priority Ranking System* is posted to the SRF Reports and Publications webpage at des.sc.gov/srfreports.

Only those projects that appear on a published *Comprehensive Priority List of DWSRF Projects* (Priority List) may be considered for a loan under the DWSRF Program. Projects remain on the Priority List unless a loan is closed with the Rural Infrastructure Authority Office of Local Government, or the project is withdrawn by the project sponsor, or the Project Questionnaire submitted for the project is more than two years old.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 Priority List, an eligible Project Sponsor must complete and submit a Project Questionnaire to South Carolina Department of Environmental Services (SCDES) or a similar funding request application approved by SCDES. The questionnaire can be found on the SRF Forms webpage at des.sc.gov/srfforms. Prior to completing the questionnaire, the Project Sponsor should carefully review the Priority Ranking System and eligibility requirements. A prospective SRF Project Sponsor may submit a completed Project 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.

SCDES's website is the primary public-notice medium for the Priority List. SCDES updates the Priority List periodically, as Project Questionnaires are received, and it is posted on the SRF Reports and Publications webpage at des.sc.gov/srfreports. 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 SCDES in writing of any that should be deleted (withdrawn) or modified. Please address written comments to Wayne Shealy, P.E., SRF Division Director, SCDES, 2600 Bull Street, Columbia SC 29201, or email at Wayne.Shealy@des.sc.gov.

For questions about the Priority List, email the SRF Division at SRF-Info@des.sc.gov or contact Shamille Rice by telephone at (803) 898-3553 or email at Shamille.Rice@des.sc.gov.

Rank	Sponsor & Project Name	SRF Project Number	Project Description	SC Water System ID Number	Estimated Total Project Cost	Requested SRF Assistance (Loan + PF)[1]	Sponsor's Service Population	Population Affected by Project	Total Points
1	**New Ellenton Commission of Public Works -** Oak Hill Water System Sustainability Initiative	0210007-01	NECPW is proposing to install a 300,000 gallon elevated water storage tank to replace the aging hydropneumatic tanks and to install a permanent connection between OHWS and NECPW's water system. This project will result in consolidation of the OHWS by NECPW accepting responsbility and ownership, thereby streamlining operations and improving overall efficiency.	0210007 0250004	$ 1,955,280	$ 1,500,000	242	242	170
2	**Lynchburg, Town of -** Water System Rehabilitation / Upgrades and Updated Operational Procedures	3110002-02	The purpose of the project is to address water system deficiencies noted in the town's Consent Order No. 20-023-DW. Included will be rehabilitation/repainting and repair of the town's 300,000 gallon elevated storage tank, upgrade of the town's two groundwater wells, upgrade of the chemical feed systems at the water treatment plant, testing and repair/replacement of fire hydrants as needed, and updating of its operational programs and procedures including the overall water system map, emergency plan, valve hydrant maintenance program, flushing program, leak detection and repair program, and sample siting plan.	3110002	$ 1,271,500	$ 1,271,500	488	488	130
3	**Berkeley County Water and Sanitation** - Sandy Run Water Line	0820002-15	This project will be 5250 feet of 8 inch PVC waterline connecting to an existing water line on Jedburg road that will serve homes in the vicinity of Sandy Run Circle and a small community water system for a mobile home park in Summerville SC. This project will include all construction engineering, surveying, and permitting. Project can serve the 15 trailers in the park and potentially 28 additional dwellings along the road.	0820002	$ 800,000	$ 800,000	76,685	115	130
4	**Bennettsville, City of** - Lime Chemical Feed Systems and Roof Repairs for ClO2 Building	3410001-04	The proposed project includes lime chemical feed systems to replace the City's old caustic feed systems and roof replacement for the chlorine dioxide building. The new lime chemical feed system would correct their problem with low alkalinity at the surface water plant. The low alkalinity caused the City to violate turbidity requirements resulting in a consent order in 2019. The project will also include a charge analyzer to assist WTP staff in identifying proper coagulant dosage and pH during rapidly changing water quality conditions. The City has a different WTP Superintendent from the one that was at the WTP back in 2019. The new Superintendent understands the benefit to moving to a lime feed system to aid in the operation of the WTP. The lime feed system at Lyall Street would ensure compatible water in the system.	3410001	$ 950,450	$ 950,450	9,100	9,100	125
5	**Williston, Town of** - 2025 West St to Springfield Rd Water Line	0610002-03	The proposed project is shovel ready. All permits and easements have been obtained. Proposed Improvements are for completing a portion of a previously funded RIA project that was reallocated due to high inflation. The project will address brittle asbestos water lines, water transmission between wells and tanks by increasing line size, and improved water system reliability.	0610002	$ 2,166,753	$ 2,000,000	2,877	2,877	110
6	**Gilbert-Summit Rural Water District** - Siesta Cove Water Main Extension[2]	3220001-05	The project will start at a tie point to the Gilbert-Summit Rural Water District water system along Shore Road then follow Shull Island Road, State Road S-32-1157, Jesse Burton Road, John Long Road and then tying to the Siesta Cove Water System. The tie point to Siesta Cove system is approximately 34d2'47.88"N and 81d22'37.24"W.	3220001	$ 1,546,000	$ 1,546,000	8,855	40	105

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7	**Gilbert-Summit Rural Water District - Siesta Cove Water Main Extension**	3220001-05	The project will start at a tie point to the Gilbert Summit Rural Water District water system along Shore Road then follow Shull Island Road, State Road S-32-1157, Jesse Burton Road, John Long Road and then tying to the Siesta Cove Water System. See Maps for a better location description. The tie point to Siesta Cove system is approximately 34d2'47.88"N and 81d22'37.24"W.	3220001	$ 1,480,000	$ 1,480,000	8,855	40	105
8	**Belton-Honea Path Water Authority** - WTP Filtration Improvements for Emerging Contaminants Treatment	0410011-05	This project includes upgrades to the water treatment plant to improve treatment performance and remove emerging contaminants (PFAS).	0410011	$ 7,800,000	$ 7,800,000	2,277	17,389	100
9	**Cheraw, Town of** - PFAS Pilot Study	1310001-04	Conduct a pilot study to test a proposed PFAS Treatment System that is much more financially feasible to operate than a traditional GAC System.	1310001	$ 150,000	$ 150,000	5,100	5,100	90
10	**Clinton, City of** - Clinton WTP PFAS Study	3010002-01	The proposed study will include testing of both raw water sources for precursors included in the approved EPA 1633 method as well as EPA 533. The testing will include both raw and finished water as well as levels at different stages of treatment to assist with determining future PFAS treatment in addition to determining which step the proposed technology would be included. PFAS capture technologies such as GAC and ion exchange resin or membranes such as RO and nanofiltration as well as PFAS destruction such as those selected from supercritical water oxidation, electrochemical oxidation and incineration will be evaluated. The requirements of the proposed technologies will be studied with respect to efficacy, infrastructure needs, costs, and compatibility with future PFAS treatment technologies. The study will include a survey of the current and future facility, permitting requirements, design options, and other environmental factors.	3010002	$300,000	$300,000	8,938	8,938	90
11	**Draytonville Water Works, Inc** - 2024 Water System Improvements	1120003-02	The proposed project is to extend approximately 4,000 linear feet of 6-inch water main along Victory Trail (Hwy 329) and re-establish a section of 6-inch water main that was removed during a bridge replacement project.	1120003	$ 695,217	$ 695,217	2,200	1,100	90
12	**Wallace Water Company** - Replacement Groundwater Well	3420002-01	The project will consist of the drilling and development of a new groundwater well to replace an existing well on Gainey Avenue which has elevated concentrations of PFAS. It is one of the highest concentrations found in South Carolina to date with a PFOA of 32ng/L and PFOS of 17ng/L. Cost of treatment of the water produced by the well is believed to be greater than cost of replacement of the well. Wallace Water Company is in the process of drilling a fifth well in another part of their system but it is not known yet if the water quality will meet current regulations, nor if the capacity will be comparable to that of Well No. 1.	3420002	$ 800,000	$ 300,000	2,928	2,928	90
13	**Olanta, Town of** - Water System Rehabilitation	2110006-05	The project involves abandoning 0.3 miles of existing galvanized water mains and 1.25 miles of AC water mains on the Olanta Water System by replacing them with new PVC water mains. Additionally, the Town's Avondale tank will undergo full refurbishment, as recommended in four of the last five SCDES sanitary surveys.	2110006	$ 1,975,320	$ 1,975,320	801	1,103	90
14	**Hickory Grove, Town of** - Lead Service Line Removal	4610004-01	Remove lead goosenecks identified at attached addresses and replace service line from main line to meter	4610004	$ 125,000	$ 125,000	522	108	90

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15	**Donalds-Due West Water & Sewer Authority** - Water System Improvements FY25	0120001-06	The project will include some 7,700 LF of new 6" DI watermains with appropriate valving, fire hydrants, and connections to the system along Dode Phillips, Depot, Brownlee, and Church Streets in Due West, SC.	0120001	$ 2,000,000	$ 2,000,000	5,200	400	85
16	**Santee Cooper** - Lake Marion PFAS Treatment Testing	3820003-02	Sampling data has shown that the PFOS and PFOA levels in the source water for the Lake Marion Regional Water System are above the new EPA limits. A PFAS treatment study has been completed for this facility in order to evaluate known treatment options. The next step in determining the best treatment option is to conduct bench-scale testing to further evaluate the performance of Granular Activated Carbon (GAC) and Ion Exchange (IX) for removing PFAS from the source water.	3820003	$ 151,000	$ 151,000	3,311	3,311	85
17	**Bennettsville, City of** - Raw Water Pilot Study for PFAS Contamination	3410001-05	The Raw Water Pilot Study will be conducted in multiple phases to ensure a comprehensive evaluation of PFAS contamination and treatment options. The first phase will involve an extensive data collection effort, where raw water samples will be taken from the raw water intake point at Lake Paul Wallace and analyzed for various PFAS compounds, including PFOA, PFOS, GenX, and other emerging contaminants. Additionally, other water quality parameters such as pH, turbidity, and organic matter content will be assessed to determine their impact.	3410001	$ 325,000	$ 325,000	6,540	6,540	85
18	**Newberry County Water and Sewer Authority** - Lake Murray WTP PFAS Removal Facilities Study and Design	3620002-04	This is an engineering planning and design project for the Lake Murray WTP PFAS Removal Facilities to add granular activated carbon (GAC) to NCWSA's existing WTP following filtration to remove PFAS contaminants regulated under the Environmental Protection Agency's (EPA) recently enacted PFAS Regulation. The new facilities will include two GAC trains (for redundancy and peak day flows) of two GAC pressure vessels per train. In addition to engineering design of PFAS Removal Facilities, a GAC pilot-scale study will be conducted as a product selection tool for the type of GAC media to be used for treatment.	3620002	$ 1,200,000	$ 1,200,000	9,941	9,941	85
19	**Saluda County Water & Sewer Authority** - Water Treatment Plant Evaluation Study for EC	4120001-05	The scope of this project is to retain the services of an Engineering Consultant to perform an evaluation of the SCWSA Water Treatment Plant's ability and method to treat emerging contaminants. In particular, we will be determining the improvements that will be necessary to treat PFAS & PFOA. SCWSA and UCMR 5 sampling data shows PFAS & PFOA levels in the water source for SCWCA WTP above the EPA's MCLs for PFAS & PFOA in the National Primary Drinking Water Regulations. Additional treatment process will be required at the Water Treatment Plant to remove PFAS & PFOA to the levels proposed in the MCL. This project will include preliminary analysis, testing, process evaluations, engineering reports, and others studies required to determine the best course of action to meet the required levels.	4120001	$ 350,000	$ 350,000	5,850	5,850	85

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20	**Central, Town of** - Brock Street Waterline Replacement	3910005-02	The proposed project consists of the installation of approximately 5,200 linear feet of 6-inch waterline, 5 fire hydrants, 72 water service re-connections, gate valves, pavement/ sidewalk replacement, and all related items required for a complete installation. The project will replace existing asbestos cement waterlines that have reached the end of their useful life and pose a health hazard to Town employees when making repairs due to their asbestos content. There are also numerous galvanized steel service lines with leaded goose necks that will be replaced as a part of the project.	3910005	$ 1,455,300	$ 1,000,000	3,495	147	85
21	**Santee Cooper** - Lake Marion PFAS Treatment Testing	3820003-02	Sampling data has shown that the PFOS and PFOA levels in the source water for the Lake Marion Regional Water System are above the new EPA limits. A PFAS treatment study has been completed for this facility in order to evaluate known treatment options. The next step in determining the best treatment option is to conduct bench-scale testing to further evaluate the performance of Granular Activated Carbon (GAC) and Ion Exchange (IX) for removing PFAS from the source water.	3820003	$151,000	$151,000	3,311	3,311	85
22	**Johnsonville, City of - LSL Replacements**	2110011-02	The project will include replacing approximately 500 LSLs in primarily disadvantaged communities. The City is proposing to replace the entirety of the LSL, from the water main to the foundation of the building/building plumbing. Existing LSLs will be replaced with HDPE service line of the appropriate size (3/4" to 1"). The City intends to contract with AECOM Technical Services, Inc. to manage the technical and engineering aspects of the project and the costs for engineering services will be included in the total project cost in the application for funding.	2110011	$ 1,417,500	$ 1,417,500	5,333	1,200	85
23	**Lake City, City of** - Lead Service Line Replacement	2110007-01	The City of Lake City proposes to replace the lead gooseneck fittings at approximately 300 water service addresses within the city limits. The water services will be replaced with fittings with components that meet the requirements of 40CFR143, and comply with State and local plumbing and building codes. The project will include restoring affected properties to the conditions they were in prior to construction. The project will also include engineering design, construction administration, and construction observation.	2110007	$ 858,750	$ 858,750	5,929	753	85
24	**Estill, Town of** - Lead and Copper Line Replacement for the Town of Estill	2510002-01	A significant portion of the Town's Water Service Lines are constructed of copper and lead pipes. The exposure to these materials has caused a portion of the Town's water to become discolored and have a higher concentration of lead and/or copper. The purpose of the project is to replace the copper and lead piping in the Town with new piping that will no longer pose a health threat to the residents.	2510002	$ -		4,000	4,000	85
25	**McCormick CPW** - McCormick LSL Replacement	3510001-07	No info submitted yet.	3510001	$ -	$ -	8,376	300	85
26	**Abbeville, City of** - Greenville Street Waterline Replacement	0110001-07	The project will include nearly 5,000 LF of new 6" and 8" DI watermains with appropriate valving, fire hydrants, and connections to the system along Greenville Street in Abbeville, SC.	0110001	$ 2,000,000	$ 2,000,000	5,400	1,800	85

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27	**Columbia, City of - Columbia Water** - Evaluation of Advanced Technologies for PFAS Removal	4010001-01	As part of ongoing, preliminary bench-scale studies conducted at both plants (Phase I), this project focuses on further bench-scale evaluation by Rapid Small-Scale Column Tests (RSSCTs) for Lake Murray water treatment plant and pilot-scale testing for Reverse Osmosis and Granular Activated Carbon treatment technologies at both water treatment plants.	4010001	$ 1,713,369	$ 1,713,369	400,000	400,000	80
28	**Georgetown County Water and Sewer District** - Waccamaw Neck WTP Advance Treatment Study and PER for PFAS Removal	2220010-02	Waccamaw Neck WTP is planning a best available treatment technology to meet the recently-released USEPA PFAS regulations. Our most current PFAS sampling results is trending downward. The proposed project will include an increase sampling plan and evaluation of the various treatment options to meet the current MCL limits for PFAS. PFAS capture technologies such as GAC, ion exchange resin, Nano-filtration, foam fractionation, and/or PFAS destruction methods will be evaluated and testing results will be analyzed to provide a basis of design for the full scale plant. The requirements of the proposed technologies will be studied with respect to effectiveness, infrastructure needs, costs, and compatibility with future PFAS treatment technologies. A bench-scale testing will be performed to determine the most suitable technology for PFAS removal at the Waccamaw Neck WTP. The bench-scale testing will also include analyses to evaluate the effectiveness of total organic carbon (TOC) reduction, need for pH adjustment, and alkalinity concentration. Based on the results of the study, a Preliminary Engineering Report (PER) for the PFAS treatment project will be developed.	2220010	$ 700,000	$ 700,000	37,790	37,790	80
29	**Laurens County Water and Sewer Commission** - Lake Greenwood WTF EC Compliance Study	3020001-06	An evaluation of treatment options for emerging contaminants, specifically PFAS, as well as an operational evaluation of the existing treatment plant. Bench-scale testing of powdered activated carbon (PAC) products for PFAS removal will be conducted. This testing will provide insight on the effectiveness of PAC for PFAS treatment. In addition, rapid small scale column tests (RSSCT) will be performed on one or more granular activated carbon (GAC) / ion exchange (IX) / alternative media options. This will provide information on the preferred option for post-filtration PFAS treatment.	3020001	$ 287,000	$ 287,000	43,200	22,838	80
30	**Newberry, City of -** PFAS Removal Pilot Study and Design	3610001-01	This project is an engineering planning and design project for PFAS removal at the City of Newberry's WTP. The PFAS treatment system will be designed to treat 8.1 MGD from the City's WTP. Planning activities include an evaluation of PFAS removal technologies to select up to three (3) suitable technologies for pilot testing (based on performance and expected operating costs), development and execution of pilot testing for the selected technologies, and preparation of a pilot test report documenting the tests and recommending an alternative for full-scale implementation. Design activities include preparation of a PER suitable for technical and funding agency approval and design and permitting of the recommended system in anticipation that separate construction funds will be secured by the City.	3610001	$ 1,500,000	$ 1,500,000	16,023	16,023	80

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31	**Beaufort-Jasper Water & Sewer Authority -** Purrysburg Water Treatment Plant PFAS Treatment Project	0720003-23	This project includes planning and design engineering services for a PFAS treatment project would install post-filter adsorption treatment technology at the Purrysburg WTP. The project would consist of a dedicated new building and would house the media contactors and related equipment required such as influent and backwash pumps, media delivery and storage facilities, cartridge filters, associated piping and valves, necessary chemical feed and storage monitoring equipment, and backwash water storage. The new building would include HVAC, electrical and other utilities.	0720003	$ 5,521,100	$ 5,521,100	150,000	150,000	80
32	**Florence, City of** - Service Line Replacement in North Florence for Lead and Copper Rule	2110001-05	The City is proposing to replace the service lines for homes that have been identified in North Florence (illustrated on attached map) that were built prior to November 1988. These homes were identified based on when the water account was opened. A low-to-moderate income (LMI) map of these areas is included. In addition the City is proposing to add the replacement of the galvanized line on Bradford Street in the project.	2110001	$ 8,582,753	$ 2,547,539	71,583	3,391	80
33	**Florence, City of** - Service Line Replacement in NW, E, and Downtown Florence for Lead and Copper Rule	2110001-07	The City of Florence is requesting funding for the replacement of service lines on private property as well as the City's side as part of the lead and copper rule. The service lines on private property would be replaced up to the foundation of the house. In addition the City is proposing to add the replacement of the cast iron lines on Roosevelt Street and Dickman Street.	2110001	$ 6,974,476	$ 6,843,367	71,583	2,760	80
34	**Beaufort-Jasper Water & Sewer Authority -** Chelsea Water Treatment Plant PFAS Treatment Project	0720003-21	This project includes planning and design engineering services for a dedicated new building that would house the media contactors and related equipment required such as influent and backwash pumps, media delivery and storage facilities, cartridge filters, associated piping and valves, necessary chemical feed and storage monitoring equipment, and backwash water storage.	0720003	$ 5,726,500	$ 5,726,500	150,000	150,000	80
35	**Woodruff-Roebuck Water District** - WRWD - SJWD Interconnection Improvements	4220007-02	The WRWD WTP treats raw water from the North Tyger River and the South Tyger River. PFAS level in the raw water have been found to be greater than the MCL proposed by the EPA. Testing of finished water in WRWD's distribution system has shown similar PFAS levels, suggesting that the existing treatment process is not removing PFAS in any significant way. WRWD also maintains distribution system interconnections with Spartanburg Water and the SJWD Water District. The project scope includes planning and design of distribution system improvements to provide a 12-inch interconnection with the SJWD system in order to provide redundancy to the overall WRWD system. To date, SJWD reports no PFAS in their raw or finished water.	4220007	$ 703,500	$ 703,500	28,897	36,597	80

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36	**Greer Commission of Public Works** - Water Treatment Plant Evaluation Study for Emerging Contaminants	2310005-07	The scope of this project is to retain the services of Garver to perform an evaluation of the Greer CPW WTP 's ability and methodology to treat emerging emerging contaminants. In particular the improvements that will be necessary to treat PFAS. The SCDHEC Ambient Surface Water Project as well as supplemental sampling shows PFAS levels in the surrounding area approaching MCLs proposed/discussed by EPA in the proposed PFAS National PDWR. If EPA finalizes these regulations at the proposed/discussed levels, additional treatment process could be required at the WTP. This project will include preliminary analysis, testing, process evaluations, preliminary engineering reports, and others studies required to determine the best course of action to meet the required levels.	2310005	$ 200,000	$ 200,000	76,189	76,189	80
37	**Greenwood Commissioners of Public Works** - Water Treatment Plant Evaluation Study for Emerging Contaminants	2410001-09	The scope of this project is to retain the services of an Engineering Consultant to perform an evaluation of the W.R. Wise Treatment Plant's ability and method to treat emerging contaminants. In particular, we will be determining the improvements that will be necessary to treat PFAS. The SCDHEC Ambient Surface Water Project shows PFAS levels in Lake Greenwood (water source for W.R. Wise Water Treatment Plant) above the MCLs proposed by EPA in the proposed PFAS National Primary Drinking Water Regulations. If EPA finalizes these regulations at the proposed levels, additional treatment process will be required at the W.R. Wise Water Treatment Plant to remove PFAS to the levels proposed in the MCL. This project will include preliminary analysis, testing, process evaluations, preliminary engineering reports, and others studies required to determine the best course of action to meet the required levels.	2410001	$ 200,000	$ 200,000	60,000	60,000	80
38	**Santee Cooper** - Lake Moultrie PFAS Treatment Testing	0820008-02	Sampling data has shown that the PFOS and PFOA levels in the source water for the Lake Moultrie Regional Water System are above the new EPA limits. A PFAS treatment study has been completed for this facility in order to evaluate known treatment options. The next step in determining the best treatment option is to conduct bench-scale testing to further evaluate the performance of Granular Activated Carbon (GAC) and to conduct pilot scale testing of Power Activated Carbon (PAC) for removing PFAS from the source water.	0820008	$264,800	$264,800	233,893	233,893	80
39	**West Columbia, City of** - Water Treatment Plants - PFAS Master Plan	3210004-05	Primary focus of this project is to identify an optimal technology that will be implemented at both of our water treatment facilities to address PFAS related compounds in our source waters. Our current approach utilizes MCL proposals from EPA, and a draft timeline for implementation. Such low limits and quick implementation of an MCL has forced am accelerated response to address a proposed MCL. Consequences included implementation of a technology that will work, but may not be optimal from an operation and maintenance perspective nor an efficient use of rate payer dollars. Ultimately, a detailed evaluation focused on both PFAS compounds outlined in the proposed MCL along with their precursors will benefit public health by identifying optimal removal and destruction technologies specific to our source water and treatment approaches.	3210004	$ 325,000	$ 325,000	100,000	35,000	80

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40	**Orangeburg Department of Public Utilities (ODPU)** - PFAS Treatment Evaluation and PER	3810001-04	An initial desktop evaluation demonstrated that a new adsorptive contactor PFAS treatment facility to treat the full capacity of the drinking WTP would cost $55M to $64M. However, there may be more cost-effective ways to comply with the regulation. This project is focused on confirming that existing historical PFAS monitoring data is sufficient for design-making purposes, optimizing the costs associated with the preliminary desktop study, and exploring alternative compliance routes. Alternative compliance routes will include alternative or supplementary water sources, PAC adsorption, and designing PFAS treatment for a fraction of the total design demand. Each alternative will be evaluated with respect to their feasibility, complexity, impact to WTP operations, and cost. The outcome of the project will be to identify the alternative that is most effective for ODPU, and prepare a PER.	3810001	$500,000	$500,000	49,000	49,000	80
41	**Cayce, City of** - Cayce WTP Advanced Treatment Study	3210003-03	The proposed project will include an evaluation of the various treatment options that are known to remove PFAS. This includes advanced treatment options such as Granular Activated Carbon (GAC), Anion Exchange (AIX), and Reverse Osmosis (RO)/Nanofiltration (NF), at a minimum. In addition, benefits of feeding increased dosages of Powdered Activated Carbon (PAC) will be evaluated. The study will involve research and bench scale testing to determine the efficiency of PFAS removal for each option. In addition, the study will evaluate which of these treatments, or combination of treatment, is also capable of treating MIB and Geosmin, which would be an added benefit to ensure the City is capable of treating the water to minimize taste and odor concerns during future algal blooms. This will include a review of theefficiency, required footprint, upfront capital costs, maintenance costs, residuals/solids handling, ease of operation, and long-term impacts.	3210003	$ 600,000	$ 600,000	20,200	20,200	80
42	**Starr-Iva Water & Sewer District** - Assessment of Groundwater as an Alternative Source	0420005-02	Perform an assessment of groundwater resources in the Starr-Iva service area to identify up to 6 "favorable zones" with the greatest potential for significant groundwater yields and conduct subsequent geophysical surveys to identify drill sites for up to four (4) test wells to be completed in accordance with DHEC standards. The new test wells and a number of existing drinking water wells throughout the District would also be sampled to analyze the quality of the groundwater including emerging contaminants such as per- and polyfluoroalkyl substances ("PFAS") in order to notify and plan for opportunities to serve homeowners with private wells found to be contaminated.	0420005	$ 600,000	$ 600,000	11,125	11,125	80
43	**Charleston Water System** - Hanahan WTP PFAS Treatment Study and PER	1010001-09	The HWTP is planning a PFAS treatment project to meet the recently-released USEPA PFAS regulations. Several Powdered Activated Carbon (PAC) products will be evaluated and testing results will be analyzed to provide a basis of design for the full scale plant. The study will involve bench-scale testing for powdered activated carbon (PAC) to determine the most suitable product, dose, and contact time for PFAS treatment at the HWTP. In addition, the bench-scale testing protocol will also include analyses to evaluate the effects of PAC on other source water characteristics (e.g., total organic carbon (TOC), pH, alkalinity, etc.), as well as effects on water treatability based on the existing/planned HWTP unit processes. Based on the results of the study, a Preliminary Engineering Report (PER) for the PFAS treatment project will be developed.	1010001	$650,000	$650,000	450,000	450,000	80

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44	**City of Union** - Evaluation, Testing, Design, and Permitting of PFAS Removal System- Union WTP	4410001-03	This project is an engineering planning and design project for PFAS removal at the 10.4 MGD Union WTP. Planning activities include an evaluation of PFAS removal technologies to select up to two (2) suitable technologies for pilot testing for the selected technologies, preparation of a pilot test report documenting the tests, and recommendation of an alternative for full-scale implementation. Design activities include preparation of a PER suitable for technical and funding agency approval and design and permitting of the recommended system in anticipation that separate construction funds will be secured by the City.	4410001	$ 1,260,000	$ 1,250,000	11,900	24,645	80
45	**Gaffney Board of Public Works** - Gaffney Water Plant PFAS Removal Study and Design	1110001-01	This project is an engineering planning and design project for PFAS removal at GBPW's clearwell/high service pump complex. The PFAS treatment system will be designed to treat 18 MGD from GBPW's two WTPs. Planning activities include an evaluation of PFAS removal technologies to select up to two (2) suitable technologies for pilot testing (based on performance and expected operating costs), development and execution of pilot testing for the selected technologies, and preparation of a pilot test report documenting the tests and recommending an alternative for full-scale implementation. Design activities include preparation of a PER suitable for technical and funding agency approval and design and permitting of the recommended system in anticipation that separate construction funds will be secured by GBPW.	1110001	$ 1,250,000	$ 1,250,000	24,290	56,000	80
46	**Florence, City of** - Pee Dee Regional WTP - Advanced PFAS Treatment	2110001-08	This project is intended to continue the current study/pilot phase of this project which is currently SRF Project No. 2110001-06 Pee Dee Regional WTP - Advanced PFAS Treatment Study. This current Project Questionnaire is to advance the project to Final Design and preparation of construction drawings and specifications.	2110001	$ 4,000,000	$ 4,000,000	136,504	136,504	80
47	**Greenville Water System** - Galvanized Main Replacement Project	2310001-08	This project will allow GW to accelerate our galvanized pipe replacement program by implementing full main replacement of galvanized pipe for these two disadvantaged communities within the GW service area.	2310001	$ 22,400,000	$ 22,400,000	660,000	9,600	80
48	**Charleston Water System** - Charleston Water System Lead Service Line Replacement	1010001-08	The removal and replacement of known lead services lines in the distribution system with no record of previous renewals and in areas below the SC median household income (MHI) level. Replacement project will include new service taps at the distribution mains, installation of new copper service lines from the distribution main to the customer premise, the replacement of the private service line to water inlet of the structure, distribution of lead safe filter pitchers to all affected households, and all necessary site restoration including landscaping and road work.	1010001	$ 33,929,743	$ 32,138,311	450,000	3,416	80
49	**Florence, City of** - Service Line Replacement for Lead and Copper Rule	2110001-05	The City of Florence is requesting funding for the replacement of service lines on private property as well as the City's side as part of the lead and copper rule. The service lines on private property would be replaced up to the foundation of the house. In addition the City is proposing to add the replacement of the galvanized line on Bradford Street in the SRF loan.	2110001	$ 5,844,110	$ 5,844,110	71,583	4,833	80

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50	**West Columbia, City of** - Riverside Water Treament Facility Filtration Upgrades	3210004-04	Generally the project includes upgrading the facilities 6 dual media gravity filters with new underdrains, cemetious wall coatings, and granular activated carbon. Work will replace aging Leopold underdrains with new restrain compatible blocks and media retainers while adding granular activated carbon to address EPA's proposed MCL's for PFAS.	3210004	$ 3,200,000	$ 3,200,000	110,000	21,000	80
51	**Beaufort-Jasper Water & Sewer Authority -** Purrysburg Water Treatment Plant PFAS Treatment Project	0720003-22	The PFAS treatment project would install post-filter adsorption treatment technology at the Purrysburg WTP. The project would consist of a dedicated new building and would house the media contactors and related equipment required such as influent and backwash pumps, media delivery and storage facilities, cartridge filters, associated piping and valves, necessary chemical feed and storage monitoring equipment, and backwash water storage. The new building would include HVAC, electrical and other utilities. Additional project costs include the initial granular activated carbon media fill for the post-filter adsorption technology. The size of the improvements would be scaled to the Purrysburg WTP which will be rated to treat up to 30 million gallons per day.	0720003	$ 55,211,000	$ 55,211,000	150,000	150,000	80
52	**Beaufort-Jasper Water & Sewer Authority -** Chelsea Water Treatment Plant PFAS Treatment Project	0720003-20	BJWSA is preparing to implement a PFAS treatment project to meet the upcoming proposed US Environmental Protection Agency National Primary Drinking Water Regulation. The PFAS treatment project would install post-filter adsorption treatment technology at the Chelsea WTP. The project would consist of a dedicated new building and would house the media contactors and related equipment required such as influent and backwash pumps, media delivery and storage facilities, cartridge filters, associated piping and valves, necessary chemical feed and storage monitoring equipment, and backwash water storage. The new building would include HVAC, electrical and other utilities. Additional project costs include the initial granular activated carbon media fill for the post-filter adsorption technology. The size of the improvements would be scaled to the Chelsea WTP which is rated to treat up to 24 million gallons per day.	0720003	$ 57,265,000	$ 57,265,000	150,000	150,000	80
53	**Greenwood Commissioners of Public Works** - Greenwood CPW PER for Emerging Contaminants (PFAS) Treatment and Compliance	2410001-10	scope of this project is to use the findings of the Treatment Evaluation Study for Emerging Contaminants, which has determined process treatment methods capable of addressing emerging contaminant removal from the source water based on bench scale treatability analysis, to move forward with the Preliminary Engineering Report (PER) which will evaluate the various alternatives to meet the new EPA regulatons for PFAS in the National Primary Drinking Water Regulations. This project will include a PER meeting all requirements of DWSRF. This PER will evaluate in detail the various alternatives such as existing water plant upgrades, a new advanced water treatment facility, and other water supply sources to determine the best course of action.	2410001	$ 485,000	$ 485,000	60,000	60,000	80
54	**Greeleyville, Town of** - Snow Hill Water Improvements	4510001-04	The Snow Hill Water Improvements Project will include the construction of a 100,000-gallon elevated water storage tank.	4510001	$ 1,500,000	$ 1,500,000	850	850	75

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55	**Barrineau Public Utilities Company, Inc.** - Lynchburg Road Water Extension	1420002-02	The Lynchburg Road Water Extension project was originally part of a larger USDA water initiative but was removed from scope due to insufficient funding. Now a standalone project, it will deliver safe, reliable drinking water to approximately 42 homes currently without public water service.This project will include the installation of approximately 28,846 LF of 8" water mains, 2,002 LF of 6" water mains, 688 LF of 3" water mains, and 1,463 LF of 2" water mains. Additionally, this project will eliminate a dead-end line which is connected to one of the system's wells. Thereby improving distribution to the Hebron Community by creating a loop between the existing well and the system's most remote section. This loop will enhance water pressure, water quality, and support firefighting efforts through increased available fire flow.	1420002	$ 2,168,360	$ 2,000,000	1,910	1,910	70
56	**Coward, Town of** - Gause Canal Road Water Lines	2110012-04	This project aims to provide clean and safe drinking water to residents of the Gause Canal Road community by extending approximately three miles of waterline. The project area includes approximately 53 residences within a rural farming community that has long struggled with access to safe drinking water. The Town of Coward is currently extending new waterlines along N. Old Georgetown Road and E. Friendfield Road, which surround this community. This project seeks to complete the effort by filling in the remaining gap, ensuring that all residents in the greater Coward community have access to a reliable, safe water supply.	2110012	$ 1,719,551	$ 1,719,551	2,314	2,314	70
57	**Meansville-Riley Rd Water Company, Inc.** - 2024 Meadow Woods Road Water System Improvements	4420001-02	The project includes the installation of approximately 27,000 LF of 3-inch water mains and all appurtenances to serve the middle southeaster portion of the water system.	4420001	$ 899,845	$ 899,445	7,800	1,800	65
58	**Gilbert Summit Rural Water District** - New Drinking Well and Radium Removal System	3220001-06	This project includes the design and construction of a new well and treatment system to provide quality drinking water to the district's existing customers and potential customers that are on individual wells that are likely to be contaminated with Radium and PFAS. The well will be a 10 inch well providing 300 gpm with associated piping and treatment to properly disinfect the well water and remove radium from the water.	3220001	$ 1,500,000	$ 1,500,000	8,855	8,855	65
59	**Joint Municipal Water and Sewer Commission (JMWSC)** - Lacy Springs/Cool Springs Contamination Area Water Mains (PFAS)	3220003-08	The project will include the extension of approximately 4900 LF of ten-inch, 1300 LF of six-inch, 700 LF of four-inch water main and associated appurtenances to private well sewers with elevated ground water levels of PFAS. This project will provide the residents in the area with a reliable, safe drinking water source.	3220003	$ 2,061,662	$ 2,061,662	50,000	108	60
60	**Saluda Commission of Public Works** - Booster Pump Station Emergency Generators	4110001-02	Standby diesel generators will be installed at booster pump stations No. 1 and No. 2. These generators will be connected to the SCADA system electrical system, and TTHM System via an automatic transfer switch and will be programed to periodically exercise. These improvements will allow the stations to continue to operate in the event of power failure as well as notify operators.	4110001	$ 400,000	$ 350,000	3,300	3,300	35
61	**Elloree Water System** - Waterline Replacement Project	3810003-03	The project includes replacement of 6,700-LF of existing water main with new 8" diameter pipes and all associated service connections, hydrants, etc. The project also includes bore and jack crossings of the CSX railroad, and Highway 6.	3810003	$ 2,000,000	$ 2,000,000	650	200	35

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62	**Calhoun Falls, Town of** - Water System Improvements FY23	0110002-07	The project will holistically replace/upgrade leaking, dilapidated, tuberculated and undersized water lines of various material sizes and material compositions, including asbestos cement water lines. Inclusive of the project, service line connections with "lead goose necks", will be replaced as well. The project benefit will create improvements in fire flow and water quality in the areas by providing upsizing small diameter lines, creating loops in the system and eliminate some portions of undersized and maintenance intensive Asbestos Cement water lines.	0110002	$ 1,500,000	$ 1,500,000	1,727	1,727	35
63	**Bethune Rural Water Company** - Water System Improvements	2820006-06	Bethune Rural Water Company (BRWC) is proposing to rehabilitate/upgrade two of their existing (currently out of service) water booster pump stations on Timrod Road and Jones Road. They would also replace/upgrade approximately 7,500 LF of 4" water main with new 6" PVC water main. The project will involve some piping modifications at the intersection of Timrod Rd & Mangum Rd and at the existing 341 Booster station to improve system pressure and hydraulics.	2820006	$ 987,600	$ 987,600	2,600	2,600	30
64	**Lake City, City of** - Matthews Road Tank Rehabilitation	2110007-02	The proposed project includes the rehabilitation and repair of the existing Matthews Road Tank on the City of Lake City's drinking water system. This project is a full blast renovation of the interior and exterior of the Matthews Road Tank.	2110007	$ 848,500	$ 848,500	336	336	30
65	**Pelion, Town of** - Edmund Highway / Maple Street Water Improvements	3210010-02	The project will consist of the replacement of approximately 4200 LF of existing 611 main and 500 LF of 2" Main. The project will also result in the replacement of approximately 12 hydrant assemblies. The new mains will be a combination of 1 O" and 611 main and will result in a needed system loop which will improve system flows. The current mains are outdated and shallow with older hydrants that are difficult to operate and/or inoperable. In addition, the hydrants are not equipped with isolation valves. This will improve system flows and water quality throughout the town.	3210010	$ 1,375,000	$ 1,375,000	1,100	1,100	30
66	**Coward, Town of** - Coward South Well Replacement	2110012-03	The proposed project scope includes replacing an existing well on the Coward Water System, Well #1 - South Well. A new well will be constructed on the same site as the existing well, which will be abandoned. This will include installing new wellhead piping, yard piping, disinfection equipment, and appurtenances to meet prevailing State Primary Drinking Water Regulations (SPDWR) and Federal Safe Drinking Water Act regulations and standards.	2110012	$ 1,493,499	$ 1,493,499	2,283	3,234	30
67	**McCormick Commission of Public Works** - Mechanical Barscreen and Raw Water Pump Station Improvements	3510001-06	This proposed application incorporates the raw water pump station improvements. The project proposes to install larger raw water pumps with Variable Frequency Drives and a modern electrical system. SRF is funding engineering only.	3510001	$ 5,073,502	$ 445,283	2,200	2,200	30
68	**Bath Water and Sewer District, Town of** - Town of Bath 2023 Water System Improvements Project	0220003-01	Funds will be used to replace an existing 8-inch water line on Minter Street on the north and south side of U.S. 421 including a jack and bore, valves, hydrants, and service reconnections. The Town also wishes to replace cast iron pipes under railroad crossings. Finally, the Town wishes to loop the water system on the north side of the railroad tracks for better water circulation, fire protection, and to provide redundant water connection points under the railroad tracks.	0220003	$ 1,500,000	$ 1,500,000	630	630	30

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69	**Blacksburg, Town of** - Main Street Line Replacement and Grover Booster Pump	1110002-02	The water line proposed for replacement is nearly 50 years old, undersized and primarily composed of cast iron pipe with lead joints and an extensive repair history. Currently, there is not sufficient isolation valves within town and as a result during breaks and repairs, many customers are without water until repairs are completed. Funds will be used towards construction costs associated with the replacement of the Town's central waterline on Hwy 29 (Main Street) as well as the installation of a booster pump, to improve water pressure in the extremities of the Town of Blacksburg's water system.	1110002	$ 2,200,000	$ 1,500,000	4,488	4,488	30
70	**Lincolnville, Town of** - Downtown Water System Upgrades	1010007-01	The town of Lincolnville's aging water system is no longer able to meet the needs of the town's residents and commercial customers. The water lines and other system components are at the end of their life expectancy. The town is also experiencing growth with a 27% increase in population between 2000 and 2020. As part of the mapping effort of the SC Rural Water Association, that agency also helped the town identify the areas within the town's system in greatest need. It is proposed to replace/upgrade the water distribution lines in the most critical need. Additional lines will follow in the future as funding becomes available.	1010007	$ 1,500,000	$ 1,500,000	1,147	250	30
71	**Pelion, Town of** - Pelion - Main Street Water Main Replacement	3210010-01	The Main Street Water Main Replacement Project will consist of the replacement of approximately 3,800 LF of 6" water main, four fire hydrants and sixteen water services. It is proposed that the new main will be upsized to 10" in diameter. When the interconnect was made with the Commission, the main feed point to the Town was modified. This increase in pipe size will allow for system flow improvement through the town to account for this change in hydraulics. In addition, this upsize will improve fire flows within the Town (most significantly to the four schools).	3210010	$ 950,000	$ 950,000	1,100	100	30
72	**Gaston Rural Community Water District** - Waterline Replacement Project	3220002-04	Project includes replacement of 8,000-LF of existing water main with new 8" diameter pipes and all associated service connections, hydrants, etc.The project also includes a bore and jack crossing of Highway 321.	3220002	$ 1,977,000	$ 1,977,000	3,068	150	30
73	**Pelion, Town of** - Water Main Improvements Phase 2	3210010-03	Construction of approximately 1400 LF of ten inch water main and associated appurtenances. The project will tie together two existing SRF Projects.	3210010	$ 1,137,925	$ 1,137,925	1,100	1,100	30
74	**Monetta, Town of** - Monetta Alternate Water Supply - Transmission Line	0210008-01	Connect to the existing Batesburg-Leesville 12-inch water line near the Santee Cooper Electrical Sub-Station at 1454 US-1, Batesburg-Leesville, SC and extend a minimum of a an 8-inch water main parallel and adjacent to US-1 towards the Monetta Township, approximately 2.3 miles and connecting to the Monetta water system near the intersection of US-1 and Chinquapin Church Road (S-2-190) connecting to an 8-inch and a 6" water line (connection point confirmation during final design). A booster pump station will be required with the location to be determined during final design. The project will include a master metering station with back-flow prevention nearest to the connection point of the Batesburg-Leesville water system.	0210008	$ 3,375,000	$ 3,375,000	503	503	30
75	**Barrineau Public Utilities Company, Inc**. - BPU Water Improvements Project	1420002-01	The BPU Water Improvements - Tank Project includes the construction of a new 200,000-gallon elevated water storage and related appurtenances.	1420002	$ 1,500,000	$ 1,500,000	1,879	1,879	30

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76	**New Holland Rural Community Water** - pH Adjustment	0220010-01	New Holland Water has received a "Needs Improvement" from DES (DHEC) for the past 2 years because the ph of the ground water is 5. A chemical needs to be added to raise the ph of the water. Currently only chlorine gas is added to the water and there have been no violations of the Safe Drinking Water Act.	0220010	$ 40,000	$ 30,000	500	500	30
77	**Swansea, Town of** - Town of Swansea Water Improvements	3210006-01	As part of the water evaluation it was discovered that residual pressures in areas of Swansea's system drop below 20 psi during flow events. 1. Replace approximately 4,770 linear feet of 3" water main with 6" inch water main along Cassidy Road. 2. Replace approximately 1,800 linear feet of 6" water main with 8" inch water main along Cassidy Road. 3. Replace approximately 6,600 linear feet of 8" water main with 10" inch water main along Highway 6. This project will improve flows and water quality in the area.	3210006	$ 2,322,320	$ 2,322,320	1,930	1,930	30
78	**Kershaw, Town of** - East Richland and East Marion Street Waterline Upgrades	2910003-01	The project will consist of installation of new water mains in the project location. The existing lines are primarily cast iron mains that were installed approximately 100 years ago. The new lines will be modern materials (c900 PVC and/or ductile iron), new service lines, fire hydrants, and associated appurtenances. The total length of improvements is approximately 2500 linear feet.	2910003	$ 2,900,000	$ 2,900,000	2,600	500	30
79	**Donalds-Due West Water & Sewer Authority** - Water System Improvements FY24	0120001-04	The project will include some 3,200 LF of new 8" DI watermains with appropriate valving, fire hydrants, and connections to the system along Haynes and Mill Street in Due West, SC. The project will include some 800 LF of new 8" DI and 1,000 LF of new 6" DI watermains with appropriate valving, fire hydrants, and connections to the system in Donalds, SC.	0120001	$ 1,500,000	$ 1,500,000	5,200	200	25
80	**Rural Community Water District of Georgetown County** - Brick Chimney Road Well	2220001-01	The proposed new groundwater well would be a 500 GPM well on the western side of the system. This will provide redundancy and a second source of drinking water within the western portion of the system should there be a pipeline break that disconnects the northern and western service areas. With the installation of this well, the western part of the system will have adequate capacity. An existing water main is located adjacent to this site to connect the new well to the western portion of the system.	2220001	$ 1,300,000	$ 1,300,000	4,854	4,854	25
81	**Saluda County Water & Sewer Authority** - Water Treatment Plant Sludge Dewatering System	4120001-04	The proposed project will expand the sludge handling facilities to handle the increase sludge volume resulting from: (1) increased WTP capacity from 4 MGD to 6 MGD, and (2) extended periods of turbidity in Lake Murray (the raw water source) due to Dominion Energy's operation of the lake at lowered levels every winter. The proposed project will include a new sludge process building which will house the new sludge dewatering equipment, including a new, skid mounted centrifuge and ancillary equipment (electrical and SCADA). A polymer feed system would also be installed to improve the overall dewatering process. A conveyor will be installed to move the sludge to a covered truck or roll-off loading station. These new facilities replace existing infrastructure before significant non-compliance occurs.	4120001	$ 1,998,000	$ 1,998,000	4,535	8,435	25
82	**Barnwell, City of** - Generators for Well Sites	0610001-02	Permanently mounted diesel generators at all six (6) groundwater wells.	0610001	$ 1,159,200	$ 1,159,200	4,693	4,693	25

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83	**Beech Island Rural Community Water and Sewer District** - Beech Island Water District - Beech Island Avenue Line Phase II	0220004-03	As Phase II of the previously funded DWSRF Project No. (022004-01), this project focuses on replacing the remaining asbestos-cement waterlines on Beech Island Avenue, upgrading transmission line size between the wells and tank, and improving water transfer to a high-water demand tank and well (Tank 1 and Well 2). These improvements will help mitigate low water pressure, reduce the risk of pipe breaks, and increase system reliability, particularly in high-demand areas near the Savannah River/Sandbar Ferry Road Area. Additionally, the project will address out-of-service hydrants, strengthen fire protection, and support Well 2A that operate up to 24 hours per day during peak season, ensuring a more dependable water supply.	0220004	$ 3,581,091	$ 2,000,000	8,051	8,051	25
84	**Lowcountry Regional Water System** - Water System Improvements Hwy 17A Waterline, I95 Well Rehab & Palmetto Tank Renovation	2510001-02	2,960 LF of 2" and 4" galvanized water lines will be upgraded to 6" and 8". New 4" piping, chemical feed and electrical controls and SCADA will be installed at the I95 well. A 200,000 gallon elevated tank will be renovated and repaired including the addition of SCADA monitoring.	2510001 (prev used) 2510006, 2510004	$ 1,499,314	$ 1,499,314	7,275	3,135	25
85	**Johnsonville, City of** - City of Johnsonville Shed Tank Rehabilitation	2110011-03	The project will include the rehabilitate and repair the Main St. (Shed) Tank based onthe tank inspection conducted on the November 30, 2023 inspection.The Shed Tank would received a full blast renovation on the interior and exterior as well as various ancillary repairs.	2110011	$ 657,000	$ 657,000	5,333	810	25
86	**Abbeville, City of** - Haigler-Harrisburg Waterline Replacement	0110001-06	The scope of this project includes the replacement of approximately 4,830 LF of existing cast-iron water mains with 10" CL350 DIP water mains along Haigler Street in Abbeville, SC. The project will include twelve (12) system tie-ins to the existing distribution system, the installation of twenty-four (24) gate valves, one (1) new fire hydrant assembly, the replacement of five (5) existing fire hydrant assemblies, the replacement of forty-five (45) service lines and the milling and replacement of approximately 5,367 SY of asphalt along public roadways. The alternate bid of the project includes the replacement of 1,560 LF of existing cast-iron water mains with 8" CL350 DIP water mains along Harrisburg Street. This will include five (5) gate valves, the replacement of two (2) existing fire hydrant assemblies and the replacement of twenty-five (25) service lines.	0110001	$ 1,500,000	$ 1,500,000	5,362	750	25
87	**Donalds-Due West Water & Sewer Authority** - Water System Improvements - SCIIP	0120001-05	The project includes replacement of various aging infrastructure to address capacity and resiliency while supporting future economic growth opportunities and extension opportunities for unserved portions of the Authority's service area. Donalds-Due West seeks to construct, replace, or upgrade nearly 12 miles of waterlines by utilizing SCIIP funds and an RIA State Grant for construction costs and local funds for remaining construction costs and all non-construction costs.	0120001	$ 12,150,000	$ 1,425,000	5,200	5,200	25
88	**Beech Island Rural Community Water and Sewer District -** Well 6 Elevated Water Tank	0220004-02	Beech Island Rural Community Water and Sewer District proposes to construct an elevated water storage tank to provide water storage for the District's system.	0220004	$ 2,203,927	$ 1,344,817	8,935	8,935	25

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89	**Anderson, City of** - East Market Street & Wellington Mill Waterline Improvements	0410012-03	The overall project consists of the installation of the following water facilities: East Market Street - Installation of approximately 1,922 LF of 6-inch waterline, 2,106 LF of 2-inch waterline, 2 fire hydrants, 53 service re-connections, pavement replacement, associated valve replacements, and all related appurtenances required for a complete installation. The proposed waterlines will be the same size as the existing waterlines they are replacing, with some areas of new 6-inch waterline proposed. Wellington Mill - Installation of approximately 3,175 LF of 6-inch waterline, 11,347 LF of 2-inch waterline, 5 fire hydrants, 144 service re-connections, pavement replacement, associated valve replacements, and all related appurtenances required for a complete installation. The proposed waterlines will be the same size as the existing waterlines they are replacing.	0410012	$ 3,975,000	$ 3,750,000	38,204	493	20
90	**Powdersville Water District** - Transmission Main Improvements - SC81, SC86 & Mt Airy Church Rd	0420002-09	The transmission main improvment project includes 5 sections of main ranging from 12" to 20" in size. All of these mains were modeled as part of the 2019 Water Resources Master Plan conducted by Black & Veatch. These mains will be installed in the most advantageous locations to allow interconnections with a previously installed transmission main network that will provide water system-wide to PW customers over the next 25-50 years.	0420002	$ 14,078,724	$ 8,594,222	35,000	20,000	20
91	**Lugoff Elgin Water Authority** - US Highway 1 Water Main Improvement	2820001-01	The Lugoff-Elgin Water Authority (LEWA) has identifed the need for approximately 7300 feet of 8-inch water main along US Highway 1 in Lugoff, SC. The proposed water main will replace an existing 6-inch asbestos cement (AC) water main that has a history of main breaks and subsequent repairs. Also included is approximately 400 feet of 6-inch water main to provide water system looping to a newly constructed neighborhood.	2820001	$ 3,441,063	$ 3,441,062	18,000	1,500	20
92	**Orangeburg, City of -** Residuals & Water Plant Improvements Project	3810001-03	The project is located at the ODPU John F. Pearson Water Treatment Plant, 395 Seaboard St NW, Orangeburg, SC 29115. Work will be at the WTP, at the WTP lagoon, and a portion of proposed force main that will extend approximately 2,000 feet to connect to existing sewer. Residuals Piping: New sludge collector drain piping to separate alum sludge, new alum sludge pump station, and new force main to existing sewer off site. Chemical Storage: Remove existing sodium hydroxide storage and feed system, add lime slurry storage tank and transfer pump. Backwash Pump: Augment existing backwash pump capacity and create one redundant pump. Alum Sludge Lagoon: Collection, removal, dewatering, and disposal of alum solids.	3810001	$ 12,145,000	$ 11,500,000	49,000	49,000	20
93	**Greenville Water** - Upper White Horse Transmission Main	2310001-10	This project is located in the Upper White Horse pressure zone. This zone currently has issues with pressure, which impacts Greenville Water (GW) service area customers and GW regional wholesale customers. Blue Ridge Rural Water Company is a wholesale customer and GW has committed to providing an adequate redundant supply to Blue Ridge. By installing this new transmission main zone deficiencies will be improved. This project will install approximately 4.5 miles (24,000 ft) of 16" water main.	2310001	$ 8,310,000	$ 8,310,000	500,000	Unknown	20

Rank	Sponsor & Project Name	SRF Project Number	Project Description	SC Water System ID Number	Estimated Total Project Cost	Requested SRF Assistance (Loan + PF)[1]	Sponsor's Service Population	Population Affected by Project	Total Points
94	**Rock Hill, City of** - Charlotte Avenue Water Line Rehabilitation	4610002-14	This project consists of replacement and consolidation of water infrastructure that is failing and past its service life. Within certain sections of Charlotte Avenue, there are as many as three aging water mains that are subjected to multiple and repeated failures. The 6" AC and 12" CI water lines were installed between 1916 and 1940. The 2" PVC water line was installed in the 1990s The project involves abandonment of these parallel lines and the installation of a proposed 12" DI waterline along the corridor. The project includes piping, valves, hydrants, service laterals, and related appurtenances.	4610002	$ 6,227,688	$ 5,996,188	84,000	210	20
95	**Grand Strand Water & Sewer Authority** - Hwy 90 to Hwy 905 Hydraulic Improvement	2620004-33	Installation of a new 12" water main that will tie into an existing 12" water main near Hwy 90 and run along S-31 northward for approximately 19,310 LF and provide suction at a new booster pump station located near Highway 905. The new water main will have no new customers directly tied to the new line as it is only intended to provide a water source for the new booster pump station. The new booster pump station will then discharge and tie into the existing 12" water main along Highway 905. The system will be designed so that the flow can also be reversed if necessary.	2620004	$ 4,440,000	$ 2,940,000	90,000	90,000	20
96	**Laurens Commission of Public Works** - City of Laurens Water System Improvements Project	3010001-03	The LCPW is planning a multi-phased project to improve water supply pressure. The project includes improvements to their existing high service pump station (HSPS) and decommissioning aging infrastructure. Facility improvements will be performed at the HSPS to support the larger and higher head pumps including new electrical panels/electrical service/surge tank/building and piping improvements.	3010001	$ 4,000,000	$ 4,000,000	12,721	12,721	20
97	**Rock Hill, City of** - Byars St. Water Line Replacement	4610002-15	This project consists of replacement of 1,014 linear feet of 2" galvanized water infrastructure that is failing and past its service life. The project serves 27 parcels and would add fire protection. The project includes the installation of 6" piping, valves, hydrants, service laterals, and related appurtenances.	4610002	$ 536,463	$ 507,465	84,000	76	20
98	**Fripp Island Public Service District** - Fripp Island Automated Metering Infrastructure	0720002-03	Replacement of approximately 1,700 water meters with new meters that include meter transmitting units and installation of a least 4 data collectors to collect meter readings in real time. Of the 1,700 meters, 1450 are residential and the rest commercial.	0720002	$ 1,700,000	$ 1,700,000	3,536	3,536	15
99	**Branchville, Town of** - Stationary Generator for Well	3810005-02	Install one stationary emergency generator at the above listed groundwater well. The town of Branchville's water system is supplied by two wells. Neither of these has a generator to ensure water can be supplied to the town's system in the event of a power outage or a natural disaster.	3810005	$ 330,000	$ 330,000	1,000	1,000	15
100	**Grand Strand Water and Sewer Authority -** Conway Parallel Transmission Main	2620004-28	24 inch PVC transmission main from Bull Creek SWTP to the Conway BPS.	2620004	$ 25,048,993	$ 25,048,993	316,000	316,000	10

Rank	Sponsor & Project Name	SRF Project Number	Project Description	SC Water System ID Number	Estimated Total Project Cost	Requested SRF Assistance (Loan + PF)[1]	Sponsor's Service Population	Population Affected by Project	Total Points
101	**Bethune Rural Water Company** - Final Production Well for Water System Improvements	2820006-07	The Final Production Well Project includes installing an 800-GPM Production Well with a Vertical Turbine Pump. Approximately 350 Linear Feet (LF) of 10-Inch Water Line would also be installed to connect the Production Well to the existing Booster Pump Station at the front of the property. Increased run times of the existing Groundwater Wells continues to put more strain on the system and leaves BRWC vulnerable to water shortages in the northern end of the water distribution system.	2820006	$ 2,300,000	$ 2,000,000	2,600	2,600	10
102	**Joint Municipal Water and Sewer Commission (JMWSC)** - Water Main Improvements Charter Oak Tank to Calks Ferry Tank	3220003-09	This is a combination of two projects identified in the Commission's 20-Year Water Distribition Master Plan. The project will consist of the extension of approximately 26,000 LF of 30" Water Main and 5,000 LF of 24" Water Main and associated appurtenances.	3220003	$ 25,000,000	$ 25,000,000	58,800	40,000	0
103	**Grand Strand Water & Sewer Authority** - International Drive 36" Transmission Main	2620004-27	The project will include the construction of approximately 9 miles of 36-inch transmission main. The 36-inch transmission main will have multiple system connections and other appurtenances along the route. The project will connect the new booster pump station on International Drive to the existing North Booster Pump Station.	2620004	$ 25,300,000	$ 25,300,000	309,000	309,000	0
104	**Grand Strand Water & Sewer Authority** - Perry Road Pump Station Upgrade	2620004-32	Installation of a 5 MGD reservoir and high service pump station.	2620004	$ 20,000,000	$ 20,000,000	170,000	170,000	0
105	**Spartanburg Water System** - System Wide Residential & Small Commercial Water Meter Replacement	4210001-08	Spartanburg Water will be replacing all of its residential and small commercial water meters sizes 5/8", 1" 1.5" and 2" throughout its service area. The current bulk of these meter's age ranges from 15 to 20 years old. This project impacts roughly 66,000 meters and will be a three to five year project.	4210001	$ 23,500,000	$ 18,000,000	200,000	335,000	0
106	**Greenville Water** - Downtown Transfer Pump Station	2310001-09	15 MGD pump station located in downtown Greenville is needed to transfer water between service area pressure zones if one of the two GW water treatment plants, either Stovall WTP or Adkins WTP, is out of service/offline. This new pump station is key if there is a large emergency or disaster at one of the WTPs. In 2022, such an event happened. The Adkins WTP caught fire and was out of service, causing tank levels and pressures to drop in the southern part of the distribution system and to the wholesale customers located to the west.	2310001	$ 20,000,000	$ 20,000,000	500,000	400,000	0
				Totals:	**$ 522,628,648**	**$ 480,446,379**			

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).