



CLEAN WATER

South Carolina's Comprehensive Priority List of CWSRF Projects

May 31, 2018

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



Preamble

The Clean Water Act requires that states develop a list of potential projects to be funded from the Clean Water State Revolving Fund (CWSRF) and rank them in priority order. The balance of this document is South Carolina's Comprehensive Priority List (CPL) of potential projects. These projects are listed in priority order based on a document developed by DHEC entitled *South Carolina's Priority Ranking System for Wastewater and Nonpoint Source Projects*, located on the DHEC website http://www.scdhec.gov/HomeAndEnvironment/Docs/srf_prscw.pdf. Only those projects that appear on the CPL may be considered for a loan under the CWSRF Program.

In general, to be placed on the CW CPL, an eligible project sponsor must complete and submit to DHEC a Project Questionnaire, DHEC-3561. A copy of this questionnaire may be found on DHEC's Website at <http://www.scdhec.gov/library/d-3561.pdf>. Prior to completing the questionnaire the project sponsor should first review carefully the ranking criteria outlined in the Priority Ranking System. 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 Comprehensive Priority List. DHEC will update the list periodically as project questionnaires are received and post it on the DHEC website at http://www.scdhec.gov/HomeAndEnvironment/Docs/srf_cwpriority.pdf. 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 or modified. Please address written comments to Charles Gorman, PG, SRF Director, Bureau of Water, 2600 Bull Street, Columbia SC 29201 or e-mail, GormanCM@dhec.sc.gov.

If there are questions, contact Lynne LaSalle by telephone at (803) 898-4395, FAX at (803) 898-4215, or e-mail Lynne.LaSalle@dhec.sc.gov.

SOUTH CAROLINA
Comprehensive Priority List of CWSRF Projects

May 31, 2018

	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
1	Fort Mill, Town of Fort Mill WPCP Expansion - Phase 2	336-09	Upgrade and expand the existing WPCP (Water Pollution Control Plant) from 3.0 mgd to 4.5 mgd to accommodate growth and to meet the anticipated nitrogen and phosphorus limits.	SC0020371	\$37,828,000	\$23,530,000		110
2	Lexington, Town of I-20 Wastewater System Improvements	740-03	Replace/improve thirteen pump stations and replace ~5,200 LF of gravity sewer that is undersized for existing flow in areas of the system taken over from the previous owner	SC0035564	\$4,752,450	\$4,752,450		110
3	ReWa FY19 Gravity Sewer and Manhole Rehabilitation	370-101	Lining existing sewers with cured in place piping (CIPP) and lining existing manholes with cementous material.		\$4,000,000	\$4,000,000		90
4	Union, City of Regional Wastewater Facility along Hwy. 176 Corridor	373-02	This project will eliminate the Town of Jonesville WWTP and transfer the Wastewater to the City of Union Tosch's Creek WWTP.	SC0047244	\$6,055,000	\$6,055,000		80
5	ReWa North Greenville University Pump Station and Force Main	370-103	Install ~ 2 miles of gravity sewer interceptor, 2 pump stations and ~ 7 miles of force main to allow closure of the North Greenville University WRRF by conveying the flow to the Pelham WRRF.	SC0033804	\$14,500,000	\$14,500,000		80
6	GSWSA South Wastewater Transmission System Upgrade	381-77	Installation of ~35,500 LF of force main to interconnect sections of the sewer system to address reliability and redundancy in handling sewer flows. A pump station will be constructed at the headworks of the Schwartz WWTP to intercept the influent flows from the multiple force mains.	SC0037753	\$10,000,000	\$10,000,000		70
7	Parker Sewer and Fire Subdistrict Brushy Creek Basin - Sewer Rehabilitation	750-03	Rehabilitation/replacement of ~100 year old gravity sewer collection system in three subbasins (R15, R16, R17) to prevent infiltration and inflow and resulting sanitary sewer overflows and surcharge to the WWTP.	SC0041211	\$12,000,000	\$10,000,000		70
8	Berea Public Service District Sanitary Sewer - Phase 2	735-02	Continue to repair and rehabilitate 8" sewer lines through point repairs and cured-in-place pipe, and repair and apply cementous lining to hundreds of manholes to address numerous issues that have contributed to varying degrees of infiltration and inflow throughout the collection system.	SSS000732	\$2,400,000	\$2,400,000		70
9	Berea Public Service District Sanitary Sewer - Phase 3	735-03	Continue to repair and rehabilitate 8" sewer lines through point repairs and cured-in-place pipe, and repair and apply cementous lining to manholes to address numerous issues that have contributed to varying degrees of infiltration and inflow throughout the collection system.	SSS000732	\$2,200,000	\$2,200,000		70
10	Ware Shoals, Town of Carnell Bridge Pump Station and Sewer Upgrades	537-03	Install 16-inch forcemain, a new pump station, 6-inch forcemain and E1 pumps to replace and abandon an aging sewer line along the Saluda River.	SC0020214	\$2,064,083	\$2,064,083		70

1 Assistance amounts may include a request for all or part of the loan as principal forgiveness.

2 Project may be eligible in full or in part for the green project reserve.

SOUTH CAROLINA
Comprehensive Priority List of CWSRF Projects

May 31, 2018

	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
11	Lexington, Town of I-20 Wastewater System Pump Station and Lagoon Closeout	740-02	Elimination of the Carolina Water Service (CWS) I-20 WWTP by construction of a pump station to divert raw wastewater from the CWS collection system into the Town of Lexington's forcemain for conveyance to the City of Cayce's Regional WWTP followed by closeout of the I-20 WWTP lagoon system.	SC0035564 SC0024147	\$2,430,000	\$2,430,000		70
12	Mount Pleasant Waterworks Park West Forcemain Replacement	511-50	Replace an existing force main that is aging and prone to failure.	SC0040771	\$5,500,000	\$5,500,000		60
13	Mount Pleasant Waterworks Capacity, Management, Operations & Maintenance (CMOM) Rehabilitation /Replacement Program	511-51	Replacement or rehabilitation of ~13,000 LF of clay sewers using CIPP or open cut line replacement and rehabilitation of several hundred manholes.		\$7,000,000	\$7,000,000		60
14	Mount Pleasant Waterworks Highway 17 Park West Forcemain Replacement	511-52	Replace up to 1500 feet of failure prone 12" forcemain with a corroded crown to prevent possible sanitary sewer overflow into nearby stormwater conveyances.	SC0040771	\$2,500,000	\$2,500,000		60
15	Sumter, City of Town of Mayesville WWTP Connection	442-33	Eliminate the Mayesville WWTP along with a pump station and force main to connect the Mayesville collection system to the City of Sumter' collection system.	ND0069787	\$755,000	\$755,000		60
16	Valley Public Service Authority Warrenville Sewer Improvements - Phase 1	738-01	Replace portions of existing sewer system that is made up of clay pipe that is prone to root intrusions.		\$698,670	\$698,670		60
17	Lowcountry Regional Water Brunson WWTP Upgrade	734-01	Upgrade WWTP to meet new NPDES limits.	SC0042382	\$1,500,000	\$1,000,000		50
18	Rock Hill, City of Stormwater Improvements - Cavendale Drive and College Downs	393-29	Replace an existing under-road culvert and restore the channel of a feeder stream to Wildcat Creek to address flooding that occurs during a 10-year rain event. Alleviate flooding in the College Downs area through stream restoration and/or enhancements using natural stream design techniques and possible improvements of the flood plain corridor.		\$4,000,000	\$4,000,000		50
19	Dorchester County Water & Sewer Lower Dorchester WWTP Improvements	542-05	Improvements to the WWTP to include installation of: a clarifier mechanism, RAS pump, new tertiary filter, new sludge feed pump, polymer feed system, centrifuge and modification of sludge holding basin.	SC0038822	\$4,700,000	\$4,700,000		50
20	Camden, City of Kirkwood, Ancrum, & Ehrenclou Community Sewer Improvements	433-05	Repair, replace or reline aging sewer lines, replace or rehabilitate an outdated lift station and replace another outdated lift station and provide service to a new subdivision.	SC0021032	\$3,616,910	\$3,116,910		50

¹ Assistance amounts may include a request for all or part of the loan as principal forgiveness.

² Project may be eligible in full or in part for the green project reserve.

SOUTH CAROLINA
Comprehensive Priority List of CWSRF Projects

May 31, 2018

	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
21	Florence, City of Timmonsville Sewer System Improvements Phase 2	378-24	Continue collection system rehabilitation to assist takeover and complete WWTP rehabilitation/upgrade to include lagoon liner replacements, disposal of WWTP primary lagoon solids, rebuild influent pumps, headworks improvements and SCADA improvements.	SC0025356	\$4,000,000	\$4,000,000		50
22	Richland County Utilities Gadsden Elementary Pump Station and Force Main	574-24	Construction of a duplex pump station and installation of 12,500 LF of 6" forcemain to eliminate a treatment facility under DHEC Consent Order for failure to meet NPDES permit limits for ammonia.	SC0031526	\$791,900	\$423,000		50
23	Ehrhardt, Town of Sanitary Sewer Extension	450-02	Install ~1043 LF of 8" gravity sewer, one submersible duplex grinder pump station, 1800 LF of 2" force main, 5 manholes and one air release valve and appurtenances to serve an area of failing septic systems.	ND0083135	\$303,500	\$303,500		40
24	Lyman, Town of Startex Sewer Main Rehabilitation	462-09	Rehabilitation of the 60-90-year old collection system in the Startex Mill Village (~7319 linear feed of 8-inch sewer main and line and ~210 manholes).	SC0021300	\$973,000	\$973,000		40
25	ReWa FY18 Gravity Sewer & Manhole Rehabilitation	370-97	Lining existing sewers with Cured in Place Piping & lining of existing manholes with cementous material to reduce the potential for wet weather sanitary sewer overflows resulting from inflow and infiltration and limit exfiltration into the environment.		\$5,000,000	\$5,000,000		40
26	Abbeville, City of Long Cane Creek Wastewater Treatment Plant Upgrades	728-04	Upgrades to include replacement of existing aeration basin with a new, lined basin with diffused aeration and two lined aerobic difesters, new intake screen and new VFDs on the existing return activated sludge pumps.	SC0040614	\$3,253,000	\$2,753,000		40
27	Bowman, Town of Bowman Avenue Phase II & III	729-01	Provide sewer to residents along or within the Bowman Avenue Corridor who currently rely on septic systems with a high incidence of overflow and potential for failure.	SC0040037	\$414,000	\$414,000		40
28	Rock Hill, City of Manchester Creek Wastewater Treatment Plant Upgrades and Expansion - Phase 1	393-32	Phase 1 of upgrades to improve plant performance and efficiencies, implement additional nutrient removal and to construct additional treatment capacity at the Manchester Creek WWTP.	SC0020443	\$54,700,000	\$54,700,000		40
29	Berkeley County Water & Sanitation Pump Stations Ductile Iron Force Mains Replacements	496-21	Replace aging (40+/- years old) ductile iron force mains at multiple pump stations throughout the BCW&S service area.		\$3,000,000	\$3,000,000		30
30	Fort Lawn, Town of Sewer System Evaluation Survey (SSES) and Sewer Rehabilitation	737-01	Evaluation and rehabilitation of the Town's aging sewer system	SSS000619	\$1,000,000	\$1,000,000		30

1 Assistance amounts may include a request for all or part of the loan as principal forgiveness.

2 Project may be eligible in full or in part for the green project reserve.

SOUTH CAROLINA
Comprehensive Priority List of CWSRF Projects

May 31, 2018

	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
31	Myrtle Beach, City of Upgrades to the Bear Branch Pump Station	494-17	Replace 34 year old pump station to include replacing pumps, coating the wetwell and horizontal storage, addition of control manholes, new controls and safety equipment	SC0039039	\$1,159,765	\$1,159,765		30
32	Clarendon County Wyboo Plantation WWTP Flow Diversion	736-01	Construction of a pump station and force main and upgrade of a pump station to divert wastewater flows from the Wyboo Plantation WWTP site to the City of Manning wastewater facility with subsequent closure of the Wyboo Plantation WWTP.	ND0072427	\$775,000	\$775,000		30
33	ReWa Mayberry Park Sewer Upgrade	370-98	Replacement of a 20-inch sewer with a 36-inch sewer to address hydraulic issues and reduce the potential for sanitary sewer overflows.		\$2,800,000	\$2,800,000		30
34	ReWa Rock Creek Interceptor	370-99	Replacement of a 24-inch sewer with a 36-inch sewer to address hydraulic issues and reduce the potential for sanitary sewer overflows.		\$11,069,000	\$11,069,000		30
35	ReWa Upper Reedy River Interceptor Upgrade	370-100	Replacement of 24-inch and 30-inch sewer with 30-inch and 42-inch sewer respectively to address hydraulic issues and reduce the potential for sanitary sewer overflows.		\$19,000,000	\$19,000,000		30
36	Mount Pleasant Waterworks Hwy 41 Road Widening - Wastewater System Relocations	511-54	Relocation of approximately 23,000 LF of forcemain and one pump station due to road widening.	SC0040771	\$11,400,000	\$11,400,000		30
37	Rock Hill, City of Manchester Creek WWTP Upgrades and Expansion - Initial Upgrades - Headworks Package	393-33	Headworks improvements and construction of a storage tank designated for wet weather flows.	SC0020443	\$70,500,000	\$50,000,000		30
38	Georgetown, City of West End Sewer Rehabilitation	412-15	Rehabilitation of ~40,000 LF of aging gravity sewer lines in the City's West End to reduce infiltration and inflow of rainwater and reduce the potential for sewer backups and overflows	SC0040029	\$3,422,850	\$3,172,850		20
39	Olanta, Town of Olanta Sewer Improvements	418-01	Repair/replacement of ~218 manholes previously identified by a sewer study as in need of rehabilitation		\$390,000	\$390,000		20
40	Mount Pleasant, Town of Snee Farm Stormwater Rehabilitation Project	511-40	Survey and design stormwater rehabilitation work; replace and improve lake outfall structure; rehabilitate/replace drainage pipe for flood mitigation; restore/stabilize primary drainage canals; clean, inspect, rehabilitate/replace drainage pipe	SCR031906	\$8,481,083	\$8,481,083		20
41	BJWSA CP19 GST and CP 67 GST	529-30	Construct EQ holding tank and install new pump stations to replace existing pump stations to provide a way to handle high level flows.		\$15,000,000	\$15,000,000		20

1 Assistance amounts may include a request for all or part of the loan as principal forgiveness.

2 Project may be eligible in full or in part for the green project reserve.

SOUTH CAROLINA
Comprehensive Priority List of CWSRF Projects

May 31, 2018

	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
42	Bamberg Board of Public Works New Bridge Sewer Rehabilitation	278-01	Installation of new sewer line to replace existing poorly sited sewer line. Rehabilitation of existing sewer lines in the area as determined by CCTV inspection.	ND0063398	\$2,277,600	\$2,277,600		20
43	ReWa Lower Reedy Digester Capacity Evaluation and Improvements	370-84	Assessment of existing anaerobic digester system, evaluate alternatives for reliability improvement and install the selected alternative.	SC0024261	\$12,000,000	\$12,000,000		20
44	Aiken, City of Critical Stormwater Rehabilitation - Phase 1	549-07	Repair or replace aging stormwater ponds and conveyance pipes using conventional construction and trenchless technology.	SCR030301	\$2,548,125	\$2,548,125		20
45	Richland County Cedar Cove and Stoney Point Sanitary Sewer Upgrades	574-25	Installation of gravity sewer to replace the low pressure sewer system in the Cedar Cove and Stoney Point Subdivisions.	SC0046621	\$2,500,000	\$2,500,000		20
46	Berkeley County Water & Sanitation Sewer Pump Stations Diversions/Rehabilitations	496-19	Replace and divert flow from five force mains that currently flow to the Lower Berkeley WWTP. Upon completion of the project the flow will go to the Central Berkeley WWTP.	SC0046060 SC0039764	\$5,450,000	\$5,450,000		20
47	Myrtle Beach, City of Upgrades to the Forest Pump Station	494-23	Replace 42 year old pump station to include replacing pumps, new wetwell lining horizontal storage, convert existing wetwell into a collection manhole, new controls and safety equipment	SC0039039	\$840,920	\$840,920		10
48	Myrtle Beach, City of Upgrades to the Briarcliff Mall Pump Station	494-18	Replace 39 year old pump station to include replacing pumps, install new wetwell, addition of control manhole, new controls and safety equipment	SC0039039	\$687,380	\$687,380		10
49	Myrtle Beach, City of Upgrades to the Dunes Club #1 Pump Station	494-19	Replace 48 year old pump station to include replacing pumps, new wet well, rehab existing wetwell into a collective handler and new piping valves	SC0039039	\$641,795	\$641,795		10
50	Myrtle Beach, City of Upgrades to the Dunes Club #2 Pump Station	494-20	Replace 43 year old pump station by constructing a duplex submersible pump station	SC0039039	\$605,230	\$605,230		10
51	Myrtle Beach, City of Upgrades to the Myrtle Manor Pump Station	494-21	Replace 39 year old pump station to include replacing pumps, install new wetwell, addition of control manhole, new controls and safety equipment	SC0039039	\$726,260	\$726,260		10
52	Myrtle Beach, City of Upgrades to the Northwoods Pump Station	494-22	Replace 38 year old pump station to include replacing pumps, reline wetwell, addition of control manhole, new controls and safety equipment	SC0039039	\$732,750	\$732,750		10
53	James Island PSD Pump Station 2 Diversion Force Main	543-15	Installation of ~9450 linear feet of 14" and 16" force main to replace existing pipes that are in poor condition and have the potential to fail. To be constructed in two phases - phase 1 ~3500 LF & phase 2 ~5950 LF.	SC0021229	\$6,000,000	\$6,000,000		10

1 Assistance amounts may include a request for all or part of the loan as principal forgiveness.

2 Project may be eligible in full or in part for the green project reserve.

SOUTH CAROLINA
Comprehensive Priority List of CWSRF Projects

May 31, 2018

	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
54	James Island PSD Pump Station 2 Upgrade & Flood-proof Conversion, PS-1 Downgrade & Flood-proof Conversion	543-16	Upgrade, convert and flood-proof PS-2 . Downgrade, convert and flood-proof PS -1.	SC0021299	\$2,350,000	\$2,350,000		10
55	Mount Pleasant Waterworks Pump Station Conversion and/or Rehabilitation Program	511-53	Conversion of six above-ground lift stations to submersible pump stations to include rehabilitation/upgrade of stations to allow flow to transfer between MPWs two WWTPs if necessary.	SC0040771	\$5,500,000	\$5,500,000		10
56	Berkeley County Water & Sanitation Sewer Pump Station Force Main Replacement - PS#001	496-25	Replacement of an aging forcemain that has been documented to have severe corrosion in portions of the line, and which has suffered multiple failures.		\$5,917,000	\$5,917,000		10
57	Berkeley County Water & Sanitation Jedburg/I-26 Interchange Improvements - Sewer Line Relocation	496-24	Relocation of existing sewer lines due to DOT relocation.		\$870,000	\$870,000		10
58	Berkeley County Water & Sanitation Sewer Pump Station #002 Renovation	496-20	Replace/relocate a critical pump station to the collection system that has reached the end of its life cycle.	SC0046060	\$5,692,000	\$5,692,000		10
59	Hilton Head Public Service District HHPSD Master Sewer Plan - 2018 Sewer Extensions	509-07	Install gravity sewer and low pressure sewer in areas that are currently unsewered.		\$2,145,038	\$2,145,038		10
60	GSWSA Longs WWTP Upgrade to 0.95 MGD	381-75	Upgrade WWTP from .2MGD to .95 MGD by adding additional complete mix and partial mix lined lagoons, intermittent sand filters, headworks structure, UV disinfection and effluent pump station.	SC0040878	\$3,000,000	\$3,000,000		0
61	Lancaster, City of Catawba River WWTP Optimization Improvements	497-20	Improvements to efficiency of operations at the WWTP to include improvements in/to: process controls, oxidation ditches, residuals management, RAS/WAS, chemical feed system, and electrical control and monitoring	SC0046892	\$1,180,900	\$1,180,900		0
62	Chapin, Town of East Chapin Sewer Force Main Extension	732-02	Install 10,200 linear feet of 12" sewer force main, 19,100 linear feet of 18" sewer force main, 15 air release valves with manholes and line valves to relieve capacity demand in the system along Lake Murray.	SC0040631	\$2,500,000	\$2,500,000		0
63	Dillon, Town of Highway 9 Force Main Relocation	424-08	Relocation of 2 parallel 18" force mains due to DOT bridge replacement.	SC0021776	\$1,399,000	\$399,000		0
64	Bennettsville, City of WWTP Influent Gravity Sewer Rehabilitation	406-02	Replace outdated 15" vitrified clay sewer pipe with 16" HDPE sewer pipe using pipe bursting.		\$875,000	\$875,000		0

1 Assistance amounts may include a request for all or part of the loan as principal forgiveness.

2 Project may be eligible in full or in part for the green project reserve.

SOUTH CAROLINA
Comprehensive Priority List of CWSRF Projects

May 31, 2018

	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
65	Johnsonville, City of Commerce Park Force Main Upgrade	209-01	Installation of a new force main to carry flow from the Commerce Park Pump Station to the WWTP	SC0025933	\$1,104,620	\$999,300		0
66	Kershaw, Town of Wastewater Treatment Plant Improvements	595-01	Water quality monitoring improvements and solids handling improvements to the existing Hanging Rock Creek WWTP.		\$1,250,000	\$1,000,000		0
67	Berkeley County Water & Sanitation Central Berkeley WWTP Expansion	496-22	Expand existing WWTP from 3.0 MGD to 6.0 MGD	SC0039764	\$8,000,000	\$8,000,000		0
68	Berkeley County Water & Sanitation Lower Berkeley WWTP Expansion	496-23	Expand and retrofit existing WWTP to 22.5 MGD	SC0046060	\$14,000,000	\$14,000,000		0
69	Inman, Town of Phase 1 Sewer System Improvements - SC Hwy 92 Service Area	487-01	Construct trunk sewer system to include ~11,744 LF of 10" and 8" gravity sewer, two pump stations, ~5,946 LF of 8" and 6" sewer force main, 50 manholes and other appurtenances.		\$4,663,747	\$4,663,747		0
70	ReWa Dunwoody Oaks Pump Station Elimination	370-102	Replace Dunwoody PS with gravity sewer		\$1,700,000	\$1,700,000		0
					\$443,090,576	\$402,818,356		

1 Assistance amounts may include a request for all or part of the loan as principal forgiveness.

2 Project may be eligible in full or in part for the green project reserve.