



CLEAN WATER

South Carolina's Comprehensive Priority List of CWSRF Projects

June 7, 2019

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 SRF Documents and Forms webpage <http://www.scdhec.gov/srfforms>. 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 downloaded from the SRF Documents and Forms webpage, <http://www.scdhec.gov/srfforms>. 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 SRF Documents and Forms webpage, <http://www.scdhec.gov/srfforms>. Interested parties are invited to review and submit written comments on the posted Priority List at any time during the year. Prospective SRF sponsors are asked to take such opportunities to review their projects closely, and to notify DHEC in writing of any that should be deleted 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.

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	Sponsor & Project Name	SC SRF Project Number	Project Description	NPDES Number	Estimated Total Project Cost (inc. PF)	Requested SRF Loan Assistance Amount ¹	Green ²	Total Points
1	East Richland PSD 54-inch Sewer Trunk Line Rehab	524-27	Rehabilitate a 54-inch trunk sewer line using CIPP to reduce infiltration and/or exfiltration and possible structural failure of the line to protect water quality in Gills Creek and Forest Lake.	SC0038865	\$4,400,000	\$4,400,000		110
2	Lexington, Town of I-20 Wastewater System Improvements	740-03	Replace/Improve thirteen pump stations and replacement ~5,200 LF of gravity sewer that is undersized for existing flow in areas of the system taken over from Carolina Water Service.	SC0035564	\$4,752,450	\$4,752,450		110
3	Kershaw County Southern Loop Sewer Improvements	587-07	Upgrade of existing pump stations and install new force main to increase the capacity of the sewer collection system along the US Hwy 1 corridor.	SC0039870	\$5,872,230	\$5,872,230		100
4	ReWa FY20 Gravity Sewer & Manhole Rehabilitation	370-104	Lining existing sewers with cured-in-place-piping and lining existing manholes with cementitious material		\$3,000,000	\$3,000,000		100
5	ReWa FY19 Gravity Sewer and Manhole Rehabilitation	370-101	Lining existing sewers with cured in place piping (CIPP) and lining existing manholes with cementitious material.		\$4,000,000	\$4,000,000		90
6	Joint Municipal Water & Sewer Commission Old Barnwell Gravity Trunk Main Upgrade (JMWSC MP Project #2)	780-04	Replacement of 15" and 18" gravity main with new 24" gravity main to reduce the chance of sanitary sewer overflows due to aging infrastructure and capacity limitations.	SC0024147	\$855,000	\$800,000		90
7	Aiken, City of Sanitary Sewer Rehabilitation	549-08	Assess and rehabilitate by grouting failed sewer pipe joints in three sewer basins with 50 - 75 year old clay and concrete sewer lines.		\$8,000,000	\$7,000,000		80
8	Newberry, City of Bush River Interceptor Upgrade	320-03	Replace 7,100 linear feet of deteriorated 27-inch concrete trunk sewer with 27-inch PVC sewer line and rehabilitate 27 manholes.		\$2,400,000	\$2,400,000		70
9	Newberry, City of Kraft Sewer Interceptor Upgrade	320-05	Replace ~5,500 linear feet of deteriorated 24-inch concrete trunk sewer with 24-inch PVC sewer line and rehabilitate 22 manholes.		\$2,000,000	\$2,000,000		70
10	Newberry, City of Scotts Creek Interceptor Sewer Upgrade	320-04	Replace and relocate ~6,300 linear feet of 18-inch clay trunk sewer with 24-inch PVC trunk sewer line to address infiltration and inflow, cured-in-place-pipe (CIPP) rehabilitation of ~2,100 linear feet of sewer line and replace 25 manholes.		\$3,400,000	\$3,400,000		70
11	Lyman WWTP Solids Handling Upgrades	462-10	Upgrades to the solids handling facilities to improve reliability and improve treatment performance to include a new clarifier, improvements to dewatering facilities and extension of the existing contact chamber.	43,891	\$4,250,000	\$3,750,000		70

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12	Joint Municipal Water & Sewer Commission Red Bank Creek Gravity Turnk Main Upgrade	780-03	Replace existing 8" and 12" gravity sewer with 12" and 18" gravity piping and install a gravity main to allow elimination of a sewer pump station to reduce the chance of sanitary sewer overflows.	SC0024147	\$3,000,000	\$3,000,000		70
13	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 3 E1 pumps to replace and abandon the existing 24-inch sewer collection line along the Saluda River.	SC0020214	\$2,064,083	\$2,064,083		70
14	ReWa North Greenville University Water Resource Recovery Facility	370-106	Construct a new WRRF with the ability to produce better effluent water quality than the existing NGU WRRF that will be eliminated. Install ~5700 LF of gravity sewer interceptor, 1 pump station and ~1,500 LF of force main to transport flows to the new facility.		\$12,000,000	\$12,000,000		70
15	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
16	Valley Public Service Authority Warrenville Sewer Improvements	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	Honea Path, Town of Corner Creek Basin - Sewer Rehabilitation - Phase 1	515-01	Conduct a Sanitary Sewer Evaluation Survey to prioritize manholes and aging vitrified clay pipe sewerlines for rehabilitation and prepare a Preliminary Engineering Report.	SC0020214	\$1,500,000	\$1,500,000		60
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	Kershaw, Town of Infrastructure Improvements	595-02	Replacement of 50 year-old vitrified clay sewer line and force main with ductile iron and replacement of a 50 year-old pump station.	SC0025798	\$2,346,415	\$411,648		50
20	ReWa FY20 Gravity Sewer Improvements	370-105	Installation of ~4,300 feet of 8"-18" gravity sewer in order to eliminate two pump stations and install ~8,500 feet of 24"-30" gravity sewer to eliminate an additional pump station.		\$4,000,000	\$4,000,000		50
21	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
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

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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	Abbeville, City of Long Cane Creek Wastewater Treatment Plant Upgrades	728-04	Upgrades to improve operations including 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
25	Calhoun Falls Sewer Collection System Rehabilitation	453-03	Conduct a Sanitary Sewer Evaluation Survey of the sewer collection system and initiate rehabilitation of sewerlines, manholes and lateral connections to help address a DHEC Consent Order.	SC0025721	\$1,500,000	\$1,500,000		40
26	Fort Lawn, Town of Sewer System Evaluation Survey (SSES) and Sewer Rehabilitation	737-01	Conduct an SSES of the Town's aging sewer system taken over from Springs Mills in 2009, prioritize infrastructure for rehabilitation and prepare a Preliminary Engineering Report.		\$1,000,000	\$1,000,000		30
27	Berkeley County Water & Sanitation PS007 Force Main Replacement	496-27	Rehabilitate/replace an aging 18" DIP force main that serves a critical pump station.	SC0046060	\$3,000,000	\$3,000,000		30
28	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
29	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
30	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
31	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
32	Cayce, City of Receiving Station Improvements	315-14	Improvements to the regional septage receiving facility to allow for better operations and redundancy.	SC0024147	\$3,500,000	\$3,500,000		30
33	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

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34	JIPSD PS 22 & 34 Upgrades and Floodproofing	543-17	Upgrades to two aging pump stations to include new pumps, relining of the existing wet-well and flood proofing provisions to reduce the probability of sanitary sewer overflows.	SC0021229	\$1,014,715	\$1,014,715		20
35	BJWSA CP19 GST and CP 67 GST	520-30	Construct EQ holding tank and install new pump stations to replace existing pump stations to provide a way to handle high level flows.		\$9,082,347	\$9,082,347		20
36	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
37	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
38	Tega Cay, City of WWTP Nos. 2 and 3 Upgrades	731-02	Replacement of various treatment plant features to include clarifier mechanisms and equipment, and the addition of new diffuser grids, new automatic bar screens, blowers and SCADA control systems.		\$4,180,000	\$4,180,000		20
39	Berkeley County Water & Sanitation Pump Station 106 Improvement	496-26	Construct a new pump station to replace one at the end of its useful life cycle. Also construct a new force main to divert flow from the Lower Berkeley WWTP to the Central Berkeley WWTP	SC0039764 SC0046060	\$7,500,000	\$7,500,000		20
40	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
41	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
42	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
43	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
44	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
45	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

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46	James Island PSD Pump Station 2 Upgrade & Flood-proof Conversion	543-16	Upgrade, convert and flood-proof PS-2 .	SC0021299	\$1,400,000	\$1,400,000		10
47	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
48	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
49	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
50	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
51	Cheraw, Town of Cheraw Industrial Park, Sewer System & Wastewater Treatment Plant Improvements	483-05	Install ~10,000 linear feet of 21-inch, 5,400 linear feet of 15" and ~3,900 linear feet of 10-inch gravity sewer lines plus upgrades of 2 pump stations and miscellaneous improvements at the Cheraw Wastewater Treatment Plant to allow the collection system to better transport flows.	SC0020249	\$5,117,000	\$4,550,000		10
52	Walterboro, City of Walterboro Wateswater Treatment Plant Expansion	441-09	Construction to expand the existing treatment capacity of the WWTP to 4.5 MGD	SC0040436	\$15,536,285	\$7,715,232		10
53	James Island PSD Pump Station 1 Downgrade & Flood-proof Conversion	543-18	Downgrade and flood-proof PS-1 .	SC0021299	\$980,000	\$980,000		10
54	GSWSA Longs WWTP Upgrade and Expansion to 3.0 MGD	381-75	Upgrade and expand WWTP from 0.2 MGD to 3.0 MGD by construction of a new advanced treatment WWTP including spetage receiving station, headworks, dual oxidation ditches, clarification, sludge thickener, sludge holding tank, sludge belt press, UV disinfection, pumping and installation of a new 12-inch influent force main and new 18-inch treated effluent force main to the Waccamaw River.	SC0040878	\$13,849,000	\$13,849,000		0
55	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

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56	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
57	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
58	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	\$1,113,000	\$1,000,000		0
59	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
60	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
61	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
62	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		0
63	Greeleyville, Town of Greeleyville Water and Sewer Improvements - 2014	719-03	Construction of gravity sewer lines, manholes and sewer force main in order to connect residents on septic systems in an area of failing septic systems.	ND0077968 SC0048097	\$2,287,443	\$300,000		0
64	Lexington, Town of 1-20 Wastewater System - Ph IV: Sunset Blvd Sewer Improvements	740-04	Construction of two pump stations and gravity sewer lines to provide sewer service to commercial and residential properties in a currently unsewered area.	SC0024147	\$2,700,000	\$2,700,000		0
					\$312,406,395	\$275,559,232		

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