



CLEAN WATER

South Carolina's Comprehensive Priority List of CWSRF Projects

December 7, 2017

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.

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	Sponsor & Project	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	ReWa FY17 Gravity Sewer & Manhole Rehabilitation	370-69	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.		\$5,500,000	\$5,500,000		90
3	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.		\$6,055,000	\$6,055,000		80
4	Clover, Town of Town of Clover Calabash Improvements & Guinn Street Rehab	402-10	Install new bar screen and rehabilitate the air diffuser system at the Calabash WWTP to aid in complying with a Consent Order to reduce nitrogen levels in the discharge pumped to Gastonia, NC for treatment and disposal. Replace old gravity sewer line on Guinn Street to reduce infiltration and inflow.	discharge to Gastonia NC	\$468,800	\$468,800		70
5	Laurens County WSC Whitten Center Sewer Lift Stations	540-12	Install 2 sewer lift stations and ~ 4,000 LF of force main to transport the wastewater flow from the Whitten Center to LCWSC replacing interceptor lines that are subject to overflows due to improper sizing.		\$748,000	\$748,000		70
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 Rehabilitation Program	735-01	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

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10	Lexington, Town of I-20 Wastewater System Pump Station and Lagoon Closeout	740-02	Elimination and closeout 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.	SC0035564 CWS SC0024147 Cayce	\$2,430,000	\$2,430,000		70
11	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	\$71,505,000	\$755,000		60
13	Lancaster, City of Poovey Farms & West Arch Street Sewer Service Areas Rehabilitation	497-17	Sewer rehab of ~25,500 LF + ~16,500 LF of gravity sewer through CIPP lining, point repair, sewer line enhancements, manhole lining and service lateral lining.	SC0046892	\$4,000,000	\$3,000,000		50
12	Lowcountry Regional Water Brunson WWTP Upgrade	734-01	Upgrade WWTP to meet new NPDES limits.	SC0042382	\$1,500,000	\$1,000,000		50
14	Aiken, City of Sand River Sanitary Sewer Basin Rehabilitation	549-06	Evaluate and replace or rehabilitate as needed sanitary sewer lines and manholes to eliminate I&I and pipe failures.		\$10,000,000	\$10,000,000		50
15	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
16	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
17	Florence, City of Timmonsville Sewer Collection System Rehabilitation	378-25	Rehabilitation of wastewater lines identified to be in need of repair to assist in the takeover of the Timmonsville collection system.	SC0025356	\$1,687,000	\$1,000,000		50
18	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
19	Easley Combined Utilities Arial Mill Sewer Improvements	711-05	Install ~12,300 linear feet of 8" PVC sewer line, 62 manholes and new service laterals to 128 residences to replace aging sewer collection system that is poorly sited and subject to failure.		\$3,000,000	\$3,000,000		40

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20	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
21	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
22	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
23	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
24	ReWa Downtown Conveyance Improvements	370-85	Construct an underground tunnel to convey wet weather peak flows to prevent SSOs due to lack of capacity in the existing parallel sewer.		\$50,000,000	\$50,000,000		40
25	Florence, City of Town of Timmonsville Wastewater System Rehabilitation	378-26	Rehabilitation of the sewer collection system to include rehabilitating or replacing sewer lines and manhole rehabilitation.	SC0025356	\$1,960,000	\$960,000		40
26	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
27	Greenwood Metro. Dist. Sample Branch Trunk Line Replacement - Phase 2	368-25	Install ~8,500 feet of gravity sewer using 24", 18" & 8" pipe to replace 100-year old 12" and 8" pipe to reduce the potential for sewer overflows into Sample Branch.	SC0021709	\$2,400,000	\$2,400,000		30
28	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		30
29	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

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30	Clarendon, County of 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	\$756,248			30
31	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
32	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
33	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
34	Clemson, City of Cochran Road WWTP Upgrade and Expansion	267-03	Upgrade and expand the existing Cochran Road WWTP to maintain compliance with permitted limits.	SC0020010	\$13,990,000	\$13,990,000		30
35	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. Project will reduce infiltration and inflow of rainwater and reduce the potential for sewer backups and overflows	SC0040029	\$3,422,850	\$3,172,850		20
36	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
37	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
38	Bamberg Board of Public Works Pine Street Sewer Rehabilitation	278-02	Reduce infiltration and inflow through sewer line installation and repair and rehabilitation of aging vitrified clay pipe with PVC pipe.	ND0063398	\$2,908,620	\$2,908,620		20
39	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
40	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
41	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

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42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	Sullivans Island, Town of Phase II Wastewater Collection System I&I Reduction Program	716-08	Assess and rehabilitate ~19,000 linear feet of lateral collection lines to address high levels of groundwater infiltration and/or surface water inflow.	SC0020052	\$2,200,000	\$2,200,000		10
51	Hilton Head Biosolids Dewatering Improvement	509-06	Install biosolids dewatering equipment (centrifuge and supplemental equipment) to replace existing equipment at the end of its useful life.	SC0046191 ND0068462	\$1,660,000	\$1,660,000		10
52	Chapin, Town of WWTP Expansion and Upgrade	732-01	Construct a 2.4 MGD wastewater treatment plant to replace the current 1.2 MGD lagoon system and provide treatment able to meet NPDES limits.	SC0040631	\$12,000,000	\$10,000,000		0
53	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

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54	Kershaw, Town of WWTP Improvements	595-01	Repair and replacement of various components of the sequential batch reactors to maintain current treatment capacity and prepare for future plant expansion.	SC0025798	\$860,000	\$860,000		0
55	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
56	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, air release valves and line valves to relieve capacity demand in the system along Lake Murray.	SC0040631	\$2,500,000	\$2,500,000		0
57	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
					\$418,425,809	\$323,815,661		

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