



CLEAN WATER

South Carolina's Comprehensive Priority List of CWSRF Projects

May 15, 2020

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.

This comprehensive priority list (CPL) includes projects that are eligible for funding provided through the **Additional Supplemental Appropriations for Disaster Relief Act, 2019** (ASADRA); these projects are identified by an asterisk (*). SRF-eligible water and/or wastewater systems located in the counties identified by FEMA as eligible for "Public Assistance Grants for Category F: Utilities" for Hurricane Florence[^] were invited to submit one or more projects for ASADRA assistance provided the project was eligible based on EPA guidance. Any ASADRA-eligible projects not selected to pursue an SRF-ASADRA loan will remain on the CPL to be considered for funding through the base SRF program. See the Draft and/or Final Clean Water ASADRA Intended Use Plan (IUP) and/or Drinking Water ASADRA IUP, posted to <http://www.scdhec.gov/srf>, for more information on SRF ASADRA funding, eligibilities, and requirements related to ASADRA funding.
[^] See FEMA-4394-DR, *South Carolina Disaster Declaration*

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, 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	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	Pageland, Town of * Sewer Rehab Project	238-03	Repair and/or replace components in the Town's sewer collection system to address infiltration and inflow and prevent sewer overflows during extreme weather events.		\$797,058	\$757,058		80
5	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
6	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
7	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
8	Jefferson, Town of * Sewer System Evaluation	268-03	Perform and evaluation of the Town's gravity sewer system to prioritize aging sewer collection infrastructure for repair/replacement.	SC0024767	\$241,000	\$241,000		70
9	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.		\$4,250,000	\$3,750,000		70
10	Joint Municipal Water & Sewer Commission Red Bank Creek and Old Barnwell Gravity Trunk Main Upgrade	780-03	Replace existing 8" and 12" gravity sewer with 12" and 18" gravity piping and install a gravity main to eliminate a sewer pump station and replace 15" and 18" gravity main with new 24" gravity main which will reduce the chance of sanitary sewer overflows due to aging infrastructure and capacity limitations.	SC0024147	\$3,800,000	\$3,800,000		70
11	ReWa North Greenville University (NGU) Water Resource Recovery Facility (WRRF) and Interceptor	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

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12	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
13	Chesterfield, Town of * Sewer Rehabilitation	485-01	Install emergency generators at two pump stations, and perform point repairs in areas identified in a sewer evaluation as major sources of inflow and infiltration.	ND	\$750,040	\$750,040		60
14	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
15	Olanta, Town of * Olanta Lift Stations Upgrade -2020	418-02	Upgrade two existing lift stations with duplex pumps, upgraded electrical service, recoated wet wells and a various other pump station improvements to prevent sewer overflows during flooding events.	SC0046311	\$502,828	\$502,828		60
16	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
17	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
18	ReWa FY20 Gravity Sewer Improvements - Peppertree Trunk Sewer	370-107	Install ~4,300 feet of 8"-18" gravity sewer to eliminate two pump stations.		\$1,660,000	\$1,660,000		50
19	ReWa FY20 Gravity Sewer Improvements - Simpsonville B Gravity Sewer	370-105	Install ~8,500 feet of 24"-30" gravity sewer to eliminate a pump station.		\$2,000,000	\$2,000,000		50
20	James Island PSD Phase-2, Grade-5 Defects Wastewater Collection Rehabilitation	543-19	CIPP lining of ~ 12,300 LF of gravity sewer lines of various size, 17 point repairs on gravity sewer lines and lining of 17 manholes.	SC0021229	\$1,358,435	\$1,358,435		50
21	Darlington County Water and Sewer Authority * Sewer Emergency Backup Power	722-02	Install emergency generators for ten primary pumping stations in the DCWSA system to provide backup power and prevent the potential of pump station overflows during extreme weather events.	SC0025356 SC0045462 SC0043702 SC0021580 SC0039624	\$645,000	\$645,000		50

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22	Jefferson, Town of * Influent Pump Station Generator	268-04	Install a generator at the WWTP's influent pump station to allow this critical pump station to continue functioning during extreme weather.	SC0024767	\$137,000	\$137,000		50
23	Kershaw, Town of * Wastewater Treatment Plant Basin 1 Upgrade	595-03	Upgrades to WWTP Basin #1 to include: the decanter assembly; dissolved oxygen monitoring equipment; blower control panels; replacement of one blower with the new blower possessing soft start capability.	SC0025798	\$676,130	\$600,000		50
24	Chester County Wastewater Recovery City of Chester SSES and Rehabilitation	380-11	Perform a Sanitary Sewer Evaluation Survey of the City of Chester Sewer System and perform rehabilitation based on the results.	SC0036081 SC0036056	\$986,756	\$986,756		40
25	James Island PSD Phase3- Rehabilitation of Wastewater Collection Facilities	543-20	CIPP lining of ~12,000 LF of gravity sewer lines of various size, point repairs as needed and lining of 58 manholes.	SC0021229	\$1,715,870	\$1,715,870		40
26	Myrtle Beach, City of * Broadway Wetland and Stream Improvements	494-24	Expansion and enhancement of the existing wet pond along Withers Swash to improve the water quality protection capacity of the pond and stabilize and enhance ~500 LF of stream with natural channel design. These improvements will help to reduce bacteria levels at nearby beaches.	SCR035105	\$500,000	\$500,000		40
27	Elloree, Town of 2020 Wastewater Improvements	332-02	Replace ~500 LF of aging 8" gravity sewer line, raise the height of one pump station wet well and raise one pump station that have experienced previous flooding and produce a preliminary engineering report to address the backing up of flows in an aeration lagoon during extreme weather events.		\$158,180	\$158,180		40
28	Clinton, City of SSES and Rehabilitation	473-04	Rehabilitation of sewer lines and manholes identified through SSES in two sewer basins to reduce infiltration and inflow, sanitary sewer overflows and address a DHEC Consent Order.	SC0037974 SSS000011	\$991,778	\$991,778		30
29	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
30	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
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

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32	Pamplico, Town of * Sewer System Evaluation and Gravity Sewer Rehabilitation	564-02	Conduct a Sanitary Sewer Evaluation Survey of the Town's gravity sewer system to prioritize future rehabilitation efforts. Perform rehabilitation on a short section of gravity sewer along Main Street already known to need attention.	SC0021351	\$410,000	\$410,000		30
33	Santee, Town of Chapel Branch Wastewater Pumping Station #2	741-01	Renovation of aging pump station to include addition of bypass pumping connection and installation of new perimeter fencing.		\$499,058	\$499,058		30
34	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
35	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
36	James Island PSD 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
37	Walterboro, City of * Country Club Wastewater Pumping Station Renovation	441-10	Renovation of pump station nearing the end of its useful life to include connection for by-pass pumping, and installation of perimeter fencing.		\$149,913	\$149,913		20
38	Myrtle Beach, City of * Pump Station Protective Measures- Standby Pump Installation	494-25	Install standby pumps at 16 sewer pump stations to reduce the likelihood of reaching maximum capacity in a pump station's wet well due to a prolonged power outage and prevent sewer overflows.		\$1,910,400	\$1,910,400		20
39	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
40	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
41	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

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42	Hemingway, Town of * Backup Bypass Pumps for Flannagan Branch and Muddy Creek Pump Stations	165-01	Install 2 emergency bypass pumps at each of two critical pump stations to address potential problems in operation due to an extreme weather event.	SC0039934	\$330,200	\$330,200		20
43	James Island PSD Pump Station 1 Downgrade & Flood-proof Conversion	543-18	Downgrade and Flood-proof PS1.	SC0021229	\$950,000	\$950,000		10
44	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
45	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
46	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 and reduce potential for sewer overflows.	SC0020249	\$5,117,000	\$4,550,000		10
47	Walterboro, City of Walterboro Wastewater Treatment Plant Expansion	441-09	Construction to expand the existing treatment capacity of the WWTP to 5.625 MGD.	SC0040436	\$15,536,285	\$5,598,593		10
48	Johnsonville, City of * Wastewater Pump Station Number 3 Flood Prevention	209-02	Raise the level of the top of the wet well, pump station and access road for this critical pump station to protect the pump station and access from flooding during extreme weather events.	SC0025933	\$430,000	\$430,000		10
49	Bennettville, City of * Crooked Creek Pump Station Improvements	406-03	Install a permanent bypass pump, construct a reinforced flood wall and elevate the access road to the Crooked Creek pump station to address issues of flooding during severe wet weather events.	SC0025178	\$736,500	\$245,500		10
50	Lake City, City of * WWTP Storm-proofing Improvements	413-01	WWTP improvements that will help maintain plant operation and the integrity of the treatment train in the event of an extreme wet weather event to reduce potential for water quality discharge violations - to include upgrades to clarifiers, influent grit removal equipment, belt press and effluent pumping system.	SC0046311	\$613,000	\$613,000		10

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51	Summerton, Town of * South Taw Caw Sewer Trunk Line Rehabilitation	502-01	Rehabilitate ~50 year old trunk sewer line with point repairs and CIPP lining and raise associated manholes to reduce inflow and infiltration in the event of extreme weather.		\$750,113	\$750,113		10
52	Cheraw, Town of * Pump Station #3-Flood Mitigation Improvements	483-06	Pump Station improvements to include raising the height of the wet well and valve vault, replacement of control panel, wiring and power cables, recoating the wet well and raising the site grade 6" to reduce the opportunity for flooding during extreme weather events.	SC0020249	\$367,800	\$367,800		10
53	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
54	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
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
56	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
57	Bennettville, 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	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
59	Dillon, Town of * Hillside Drive Pump Station Rehab and Gravity Sewer Rehab	424-09	Raise the pump station height to reduce the potential for flooding, raise gravity sewer manholes above the 100-year flood elevation and rehab the gravity wastewater trunk line to the pump station to reduce inflow and infiltration.	SC0021776	\$1,085,000	\$1,000,000		0
60	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

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61	Grand Strand WSA * Bull Creek Surface Water Treatment Plant Drainage Improvements	381-79	Conduct a drainage study of the water treatment plant and surrounding area and design drainage improvements to ensure adequate drainage from the site in the advent of potential flooding due to extreme weather events.		\$500,000	\$500,000		0
62	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
63	Kingstree, Town of * Upper Kingstree Branch Improvements	388-01	The project will address drainage issues by making channel improvements and replacing ~550 LF of 48" and ~200 LF of existing storm drain pipes with 60" and 72" pipes respectively.		\$995,955	\$995,955		0
64	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
65	James Island PSD PS33 Phase 1 Upgrade	543-21	Upgrade and floodproofing of a duplex pump station to include higher capacity pumps, new VFD control panels, installation of an emergency generator and cleaning, repair and relining of the wet wells.	SC0021229	\$1,083,668	\$1,083,668		0
					\$247,665,720	\$210,433,688		

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

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

* Denotes a project submitted by an entity eligible to request funding allotted to SCSRF from the Additional Supplemental Appropriations for Disaster Relief Act, 2019 (ASADRA), or determined to be eligible for ASADRA funding by SCSRF. See the preamble to this comprehensive list for more information.