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South Carolina's comprehensive priority list of DWSRF projects

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DRINKING WATER

South Carolina's Comprehensive Priority List of DWSRF Projects

July 31, 2020

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



Preamble

The federal Safe Drinking Water Act requires that the State develop a comprehensive priority list of potential infrastructure projects to be funded from the Drinking Water State Revolving Fund (DWSRF) program. The SDWA further requires that the State develop a system by which to rank the projects in priority order. South Carolina's *Drinking Water Priority Ranking System* is posted to the SRF Documents and Forms webpage, <http://www.scdhec.gov/srfforms>. Only those projects that appear on this *Comprehensive Priority List of DWSRF Projects* (Priority List) may be considered for a loan under the DWSRF Program.

In general, to be placed on the Priority List, an eligible project sponsor must complete and submit to DHEC a Project Questionnaire. A copy of the questionnaire can be found on SRF Documents and Forms webpage, <http://www.scdhec.gov/srfforms>. Prior to completing the questionnaire, the project sponsor should first review carefully the priority ranking system and eligibility requirements. A prospective SRF project sponsor may submit a completed Project Questionnaire for a project at any time during the year.

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 web site will be the primary public-notice medium for the Comprehensive Priority List. DHEC will update the list as project questionnaires are received and post it on the SRF Documents and Forms webpage at <http://www.scdhec.gov/srfforms>. Interested parties are invited to review and provide written comments on the list at any time during the year. Prospective SRF sponsors are asked to take such opportunities to review their projects closely, and to notify the Department 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 via 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 List of DWSRF Projects

July 31, 2020

	SPONSOR	DHEC PROJECT #	Project Description	Estimated Total Project Cost	Requested SRF Loan Assistance ¹	Green2	Sponsor's Service Population	Population Affected by Project	Total Points
1	Williams, Town of Well Disinfection & Tank Improvements	1510003-01	Construct a sodium hypochlorite disinfection system for the Town's ground water supply and renovate the interior of the Town's elevated storage tank to address a DHEC Consent Order related to water quality issues. Also install dual check valves and valve boxes on current service connections.	\$338,999	\$338,999		110	110	130
2	Bennettsville, City of Lime Chemical Feed System	3410001-02	Installation of a lime chemical feed system to correct low alkalinity in the City's source water and address a violation in turbidity related to the low alkalinity.	\$520,000	\$450,000		9,100	9,100	125
3	Saluda (Town of) Commission of Public Works TTHM Reduction	4110001-01	Installation of aeration units at two elevated tanks, piping modifications, and a booster pump station to reduce Total Trihalomethanes (TTHM) in the Town's drinking water.	\$768,720	\$768,720		3,625	3,625	100
4	Blacksburg, Town of Disinfection Byproduct (TTHM) Control 2020	1110002-01	Evaluation of the Town's water system to identify and prioritize treatment methods to be constructed to reduce the formation of TTHMs within the system to address a DHEC Consent Order.	\$566,530	\$65,930		3,820	955	100
5	Draytonville Water Works Disinfection Byproduct (TTHM) Control 2020	1120003-01	Evaluation of the Draytonville system to identify and prioritize treatment methods to be constructed to reduce the formation of TTHMs within the system to address a DHEC Consent Order.	\$474,030	\$66,530		1,904	971	100
6	Hemingway, Town of * Industrial Park Well Generator	4510004-02	Install an emergency generator for a well that serves the northern portion of the Town's service area to address storm-related power failures that can leave residents without potable water.	\$189,200	\$189,200		1,557	1,557	90
7	Gaston Rural Community Water District Asbestos Concrete Water Main Replacement	3220002-02	Replace ~13,460 LF of 6-inch asbestos concrete pipe with 6-inch ductile iron pipe. The 50+-year old pipe is prone to failure. Also replace ~1,300 LF of PVC pipe to connect two segments of the new 6" DIP pipe to improve flows and pressure in the southern part of the service area.	\$1,075,800	\$1,075,800		7,186	7,186	85
8	Johnsonville, City of * Kingsburg Well Generator	2110011-01	Install an emergency generator for a well that serves ~2000 residents north of the town to address storm-related power failures that can leave a portion of Town without potable water.	\$242,000	\$242,000		6,220	2,000	85

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9	GSWSA Bull Creek/ Myrtle Beach Water System Interconnection Phase 3 AKA International Drive Booster Pump Station	2620004-25	Construction of a booster pumping station to interconnect the Myrtle Beach water system and the Bull Creek water system.	\$4,000,000	\$4,000,000		309,000	309,000	80
10	Salem, Town of Fall Creek Service Water Pump Station	3710001-02	Construct a new pump station and install control telemetry, an emergency backup generator, and ~ 3000 feet of small diameter water main to connect to another water provider and decrease the runtime of existing pumps.	\$270,000	\$216,000		2,353	1,100	45
11	Bethune Rural Water Company Rehabilitation of Two Elevated Storage Tanks	2820006-04	Rehabilitate two elevated water storage tanks - the Highway 111 Tank and the Buffalo Tank - to maintain compliance with DHEC regulations.	\$561,000	\$561,000		2,600	2,600	35
12	Valley Public Service Authority Warrenville Water Improvements - Phase 1	0220012-08	Replace 70 year (+) old water system that consists of 4", 6" & 8" cast iron and asbestos cement pipe to address low pressures and areas of poor flow.	\$642,222	\$642,222		4,105	181	30
13	Abbeville, City of Mill Village Waterline Replacement	0110001-03	Replace 80+ year-old old cast iron water line with new PVC pipe and address miscellaneous appurtenances to address system pressures and water clarity.	\$534,000	\$450,000		5,362	300	30
14	Abbeville, City of McGowan Water Line Replacement	0110001-04	Replacement of ~ 4,000 linear feet of old and deteriorating cast iron water line with PVC pipe.	\$775,000	\$575,000		5,362	500	30
15	Hilda, Town of Old Jack Road Well	0610004-02	Engineering services for installation of a new 230 GPM well to replace the Town's second well taken out of service due to a critical failure of well infrastructure.	\$395,507	\$39,000		311	311	30
16	Elloree, Town of * 2020 Water Improvements	3810003-02	Replace ~2,500 LF of aging asbestos cement water mains.	\$287,001	\$287,001		1,450	1,450	30
17	Hartsville, City of Smith Street Well	1610003-02	Installation of a well on the high pressure side of the city's water system to reduce the strain on aging infrastructure in the low pressure side of the system and maintain adequate pressures on both sides of the system.	\$1,497,000	\$1,000,000		8,575	8,575	30

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18	Norway, Town of Water System Infrastructure Sustainability Plan	3810008-01	Multi-faceted valuation that will result in a hydraulic model to identify low pressure and underperforming areas within the system's aging infrastructure.	\$465,000	\$465,000		775	775	30
19	Cheraw, Town of Water Plant Improvements	1310001-01	Improvements to the Water Treatment Plant to include replacement of plant control panel, generator & ATS, sludge removal system, valves/actuators and filter wash system and development of a hydraulic model.	\$1,188,000	\$990,000		5,840	5,480	25
20	Cheraw, Town of * Emergency Interconnection Improvement	1310001-02	Improvement of existing 500 gpm booster pump station to include addition of generator and pipe modifications to allow bi-directional flow with Chesterfield County Rural Water. Also, SCADA improvements and addition of second flow meter.	\$330,000	\$330,000		5,840	5840 + CCRW	25
21	Turbeville, Town of Water Distribution Extension and Looping	1410004-01	Extend waterline piping to create a loop in the Town's distribution system to reduce address turbidity and low pressure issues.	\$553,910	\$485,910		700	850	25
22	Seneca Light & Water Waterline Replacement	3710002-04	Replacement of ~4,300 LF of aging asbestos pipe.	\$500,000	\$500,000		25,000	500	20
23	Myrtle Beach, City of * Water Transmission Main Protective Measures - Pressure Reducing Valve Installation	2610001-02	Upgrade 11 aging pressure reducing valves to regulate and maintain proper pressures throughout the distribution system to prevent adverse impacts to system and maintain service for customers.	\$2,524,634	\$2,524,634		20,955	20,955	20
24	Powdersville Water District S. Fishtrap 24" Transmission Main & 88 Tank 16" Connector Main	0420002-06	Install ~9,300 LF of 24" main to replace an unreliable 12" asbestos cement main and facilitate the transition to a compatible primary source of purchased water and install ~8,000 LF of 16" water main to improve water quality in the lower part of the system.	\$4,566,100	\$4,566,100		35,000	35,000	20
25	Walterboro, City of * Chlorination system & Generator for Mable T Willis Blvd. Well	1510004-01	Install an emergency generator and chlorination system for a new well being constructed that will replace two wells that had to be taken out of service.	\$265,988	\$265,988		7,029	7,029	15

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32	Manning, City of * 2020 Well Improvements	1410002-02	Engineering services for well improvements to include lowering piping and pumps in two wells to protect pump operations threatened by lower ground water levels due to climate change and regional usage.	\$150,000	\$27,922		6,673	6,673	15
26	Berkeley County Water & Sanitation Hwy 176 Water Relocation	0820002-09	Relocate ~32,000 linear feet of 16" and 12" water lines and appurtenances along Hwy 176 to accommodate road widening.	\$3,650,000	\$3,560,000		64,000	15,000	10
27	Berkeley County Water & Sanitation Whitesville Water Project	0820002-10	Raise water tower elevation and construct new 16" water main to increase water pressure.	\$4,000,000	\$4,000,000		64,000	64,000	10
28	Powersville Water District Three Bridges Rd. 20" Transmission Main	0420002-07	Install 11,100 linear feet of 20-inch water main to improve flow patterns through a distribution system that crosses four pressure zones with different hydraulic gradients.	\$2,776,400	\$2,776,400		35,000	35,000	10
29	GSWSA * Old Hwy 90 Elevated Storage Tank	2620004-26	Construct a 500,000 gallon elevated water storage tank and extend a 12" waterline to serve the tank, to provide back-up water supply during a natural disaster.	\$1,750,000	\$1,750,000		240,000	240,000	10
30	Darlington County W&SA * Ashland Area Water Storage	1620001-03	Construct a two million gallon above-ground storage tank, two booster pumps and install an emergency generator at the existing Ashland Water Treatment Plant to provide additional potable water during natural disasters.	\$3,025,000	\$3,025,000		45,911	45,911	10
31	Grand Strand WSA International Drive 36-in Transmission Main	2620004-27	Install approximately nine miles of 36-in transmission main and appurtenances to increase reliability and redundancy in the water supply to the northern end of the Bull Creek Water System.	\$20,700,000	\$20,700,000		309,000	309,000	10
33	Liberty-Chesnee-Fingerville Water District New 0.5 MG Mayo Elevated Tank	4220010-03	Construction of a new .5 million gallon elevated storage tank with associated site work, site piping, valves, controls and other appurtenances	\$2,300,000	\$2,070,000		16,000	7,000	10
				\$61,882,041	\$59,004,356				

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.

* 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.