

Agenda Item G-1
Drinking Water State Revolving Fund Projects
Spring 2021 Application Round

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	DW State Reserve (none)
	DWSRF

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% PF/Grant Claimed	Min. Acceptable PF/Grant %	% PF/Grant Verified	Principal Forgiveness	SRF Loan	Points Submitted	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes	
FUNDING REQUESTED IN COMPLETE APPLICATIONS							\$333,410,885				\$2,878,775	\$64,283,328									
1	Jamesville, Town of	Water Treatment Plant Replacement	Municipal Engineering Services Co., PA	Additional funding for ongoing (WIF-1958) project - Replace existing 100,000 gpd conventional WTP with a 100,000 gpd RO package plant. Introduce SCADA and standby generator	Yes	Martin	\$1,847,934	100%	25%	100%	\$500,000	\$1,347,934	60	60	20	9	10	21	Scored as submitted		
2	Enfield, Town of	2021 Water Improvements Project Phase 7	Engineering Services, PA	Relace ±6,250 LF of waterlines and appurtenances	No	Halifax	\$859,685	100%	100%	100%			63	60	20	0	15	25	2.E.2: Did not include response to NOV or show violations directly related to project	Applicant will not accept maximum available PF	
3	Davie County Public Utilities	Water Supply Improvements Project	Hazen & Sawyer	Expand Davie County WTP and add emergency power; De-commission Mocksville WTP; install ±18,000 LF 12-inch interconnection from Davie County to serve Mocksville	No	Davie	\$28,050,000	0%	0%	0%		\$20,000,000	68	55	20	16	15	4	2.F: Project does not include a merger 3.C: LGU indicators drop from 3 to 2	lost PF eligibility due to drop in LGU indicators	
4	Stovall, Town of	Water Tank, Water Main, and Associated Improvements	McGill Associates, PA	Replace water lines and add a mixer to storage tank	No	Granville	\$1,757,360	100%	100%	100%			58	55	20	6	8	21	2.J: Most recent audit shows <30% water loss	Applicant will not accept maximum available PF	
5	Peachland, Town of	Phase I Water Improvements	Engineering Services, PA	Replace ±15,000 LF of water main and install ±450 LF new water main to complete a system loop	No	Anson	\$1,719,105	100%	100%	100%			58	48	20	0	5	23	2.G: Tested hydrants at over 250 gpm	Applicant will not accept maximum available PF	
6	Burnsville, Town of	Burnsville Water Treatment Plant Improvement Project	McGill Associates, PA	Additional funding for ongoing project (SRP-D 17-0095) - Upgrade WTP without expansion, including: install sewer line to WWTP to replace a permitted discharge	Yes	Yancey	\$1,337,350	0%	0%	25%	\$334,337	\$1,003,013	46	46	20	0	15	11	Scored as submitted		
7	Beech Mountain, Town of	2022 Water System Rehabilitation Project	West Consultants, PLLC	Replace ±22,700 LF of waterlines ductile iron pipe, including fire hydrants and service connections	No	Watauga	\$2,913,265	0%	0%	0%		\$2,913,265	45	45	20	3	10	12	Scored as submitted		
8	Laurinburg, City of	Distribution System Improvement Phase 2	Willis Engineers	Replace ±12,100 feet of aged 12-inch to 20-inch WL to connect WTP to South Caledonia tank	Yes	Scotland	\$4,515,000	0%	0%	0%		\$4,515,000	44	44	20	0	15	9	Scored as submitted		
9	Brevard, City of	Brevard WTP Improvements	Brown Consultants, PA	Rehabilitate the WTP including: pumps; emergency power generator; and electric controls. Construct a new 0.75 Mgal clearwell to replace the existing unit unable to meet current CT requirements	Yes	Transylvania	\$4,929,000	75%	0%	75%	\$500,000	\$4,429,000	65	43	20	3	5	15	2.B: Did not provide documentation according to guidance 3.A.2: Did not document CIP adoption, years covered, or project-in-CIP; presented materials over two years old		
10	Grifton, Town of	2021 Water System Improvements	The Wooten Company	Replace ±6,630 lf of 2-inch GI water lines and ±1,080 lf of 6-inch GI with 6-inch PVC water lines	No	Pitt	\$980,400	50%	0%	50%	\$490,200	\$490,200	40	40	20	0	5	15	Scored as submitted		
11	Winston-Salem, City of	Neilson WTP Modernization	Black & Veatch	Rehabilitate (without expanding) the Neilson WTP, additional funding for ongoing project WIF1937	No	Forsyth	\$41,870,000	0%	0%	0%		\$20,000,000	39	39	20	6	8	5	Scored as submitted		
12	Franklin, Town of	Phase II Water Treatment Plant Improvements	WithersRavenel	Expand WTP from 2.0 mgd to 4.0 mgd	No	Macon	\$8,889,000	25%	0%	25%	\$500,000	\$8,389,000	39	36	10	4	15	7	2.E.2: Did not document that an in-house lab would prevent monitoring violations		

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13	Edgecombe County	2021 Kingsboro Industrial Park Water System Improvements	The Wooten Company	Expand a Booster Pump Station	No	Edgecombe	\$1,533,200	100%	25%	100%	\$500,000	\$1,033,200	36	36	10	0	5	21	Scored as submitted			
14	Lucama, Town of	2021 Water System Improvements Phase 3	McDavid Associates Inc.	Replace ±2,200 LF of aged WL; update existing AMR system meter registers to 2-way communications	Yes	Wilson	\$500,000	100%	75%	0%			58	36	0	0	13	23	1.C & 1.C.1: Meter replacement projects do not qualify 3.A: Meter upgrade not evident in CIP; CIP does not clearly cover 10 years 3.D: Did not document hidden leak detection program according to guidance	Meter replacement projects do not earn project purpose points and so are ineligible for PF. Applicant would not accept loan without PF.		
15	Craven County	Craven County Water Telemetry/SCADA	McKim & Creed	Replace the existing SCADA and monitoring system including: ±118,000 feet of fiber optic cable to connect water assets, backup power, flow meters and monitoring equipment at various existing water assets	Yes	Craven	\$5,499,221	0%	0%	0%			67	35	20	3	5	7	2.B: Did not provide documentation according to guidance 2.D: Project does not address a promulgated regulation 2.E.1: Did not provide narrative relating project to AO or SOC 2.G: Did not show project addresses low pressure			
16	Lumberton, City of	2021 WTP Sludge Removal and Lagoon Modifications	The Wooten Company	Remove sludge from the sludge holding lagoon and add baffles to lagoon to allow easier sludge removal	Yes	Robeson	\$2,829,790	25%	100%	0%			37	34	20	0	5	9	3.E: Flat rates	Also considered for CWSRF Applicant would not accept maximum eligible PF		
17	Junaluska Sanitary District	Oak Park Water Line Replacement	Brown Consultants, PA	Replace ±18,470 LF of 2-inch and 3-inch WL	Yes	Haywood	\$4,573,518	0%	0%	0%			37	32	20	0	2	10	3.B: Operating Ratio recalculated without negative debt principal.			
18	Dunn, City of	Highway 301 South Elevated Tank	Davis-Martin-Powell & Associates, Inc	Install a new 500,000 gallon EST off Arrowhead Road to improve pressure and serve as a reserve in the event of a water line break along Hwy. 301 South, ±1,500 LF new of 6-inch water line along Longbranch Rd. to eliminate a dead end water line at Norma Road	No	Harnett	\$2,950,000	0%	0%	0%			44	31	2	3	15	11	2.I: Does not show how adding a tank with a mixer would improve water quality 2.K.2: Interconnection able to supply Eastover's Public Health Need already exists			
19	Walstonburg, Town of	Water Line Improvement	Draper Aden Associates	Replace ±3,846 LF of waterlines.	No	Greene	\$216,954	100%	0%	25%	\$54,238	\$162,716	61	30	2	0	5	23	1.C: Does not specify replacement pipe size; scored as 1.D 2.B: Does not document required 2.H 3.E: Shows increasing block rate for sewer, not water 4.C: LGU indicators increased, earning two more points			
20	Sanford, City of	Sanford WTP Expansion	Hazen & Sawyer	Expand the Sanford WTP (half project will be funded by Town of Fuquay-Varina)	No	Lee	\$68,450,000	25%	0%	50%			59	29	2	6	10	11	1.D.1: are not replacing the old units; do not call out 50% of costs 2.H.3: Narrative lacks regulation citation and exceedance of Health Advisory Level 2.K.1: Project does not accomplish and interconnection 3.D: Narrative states intent; does not document an ongoing program			

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21	Rocky Point Topsail Water & Sewer District	RO Water Treatment Plant and Associated Improvements	CDM Smith	Construct a new WTP and waterline to increase capacity (additional funding for WIF2007)	No	Pender	\$43,120,000	0%	0%	0%			41	29	0	7	10	12		1.D: Plant is new 2.G: Documented water outage that has not recurred; did not document low pressure according to guidance		
22	Cherryville, City of	Critical Water Mains Replacement	The Wooten Company	Replace ±10,800 LF cast iron mains with 12-inch PVC pipe, fire hydrants and valves	No	Gaston	\$2,713,200	25%	0%	25%			80	28	10	3	0	15		1.C - 1.C.1: Replacement waterlines larger than 6 inches. Scored as 1.D & 1.D.1 instead. 2.B: Does not document required 2.H 2.G: Does not follow guidance; reports low pressure in an openly flowing hydrant 2.N.7: The narrative does not demonstrate increased redundancy or resilience 3.B: Operating Ratio less than one		
23	Robbinsville, Town of	Tallulah Creek Water Treatment Plant Upgrades	McGill Associates, PA	Additional funding for H-SRP-D-17-0071: Recommission the Tallulah Creek WTP and replace existing meters with AMR meters	No	Graham	\$2,118,750	75%	75%	0%			64	28	0	0	5	23		1.C/1.C.1: Plant offline for more than one year is treated as a new plant 2.I: New plant; no existing treatment to "improve" 2.J: Meters will reduce apparent, not real, water loss 3.A.1: provided no narrative for AMP; did not document CIP adoption in past two years		
24	Lenoir, City of	Finley Area Water System Improvements	McGill Associates, PA	Install new 150,000-gallon EST, booster pump station, ±15,500 LF of waterlines, ±180 service reconnections, 23 fire hydrants and a new 12-inch main.	No	Caldwell	\$5,100,000	0%	0%	0%			49	26	2	10	7	7		1.C => 1.D because existing ground storage tank will remain in use 1.D.1: existing ground storage tank will remain in use; did not show 50% of cost 3.A.2: Meeting minutes to not clearly show adoption of CIP		
25	Stokes Water & Sewer Authority	Hinsdale Road Water Main Extension Project	LKC Engineering, PLLC	Install ±7,900 LF of 8" and 6" water mains to serve 50 single-family residences.	Yes	Stokes	\$1,130,300	100%	50%	0%			28	26	0	0	5	21		1.D: New waterlines are not expansion Applicant would not accept maximum eligible PF		
26	Cape Fear Public Utility Authority	5th Avenue Water Replacement	WK Dickson & Co., Inc.	Replace ±9,820 LF of water mains and ±160 water services	Yes	New Hanover	\$1,758,300	0%	0%	0%			44	24	20	0	0	4		2.D: Lead and Copper Rule Revisions are not promulgated 3.A.1 & 3.A.2: AMP narrative does not meet guidance; project not highlighted in CIP		
27	Elkin, Town of	West Zone Improvements	WK Dickson & Co., Inc.	Replace ±2,820 LF of existing 12-inch water line and ±4,410 LF of existing 8-inch water line; either a) replace 100,000-gallon water storage tank with 250,000-gallon tank or b) rehabilitate existing tank and install new 200,000-gallon tank	No	Surry / Wilkes	\$4,079,874	25%	0%	25%			56	23	10	0	0	13		2.G: pressure test performed at more than 250 gpm 2.J: Do not provide water loss for whole system; nor provide annual audits 2.K.2: Project does not accomplish a new interconnection 3.B: OR <1 3.D: Did not document audits or ongoing program. Addresses the East Zone; project is in West Zone.		
28	Sampson County	Keener Ground Water Supply Well	Dewberry Engineers Inc.	Install new water supply well including chemical feed system, emergency power generator, and ±8,000 LF water main with 13 new water services	No	Sampson	\$2,283,000	50%	0%	0%			33	23	0	3	5	15		2.K.2: Project does not include an interconnection		
29	Henderson, City of	Kerr Lake Regional Water Treatment Plant Upgrades	CDM Smith	Additional Funding for WIF-1920 - Upsize the Kerr Lake Regional Water Treatment Plant from 14 to 20 MGD	No	Vance	\$11,107,000	25%	0%	25%			35	22	2	6	5	9		1.D.1: Narrative and budget do not adequately show age of components 2.N.7: Narrative and project description disagree on redundancy vs. expansion 3.A.2: Did not show CIP adopted		

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30	Tuckaseegee Water & Sewer Authority	Water Treatment Plant - Clearwell and High Service Pump Replacement	McGill Associates, PA	Replace offsite ground storage tank, with a new onsite clear well. Replace high-service pumps. Install redundant transmission main.	Yes	Jackson	\$2,900,925	0%	0%	0%			43	20	2	6	5	7		Newly eligible for PF in spring 2021		
31	Clayton, Town of	Elevated Storage Improvements Project	WithersRavenel	Construct 1 MG EST to meet minimum storage requirement	No	Johnston	\$2,987,500	0%	0%	0%			20	20	2	0	10	8	Scored as submitted	Did not claim, but would have earned, Line Item 3.B		
32	Sampson County	Town of Harrells Interconnection	Dewberry Engineers Inc.	Install ±32,650 LF water main, booster pump station, a 10,000 gallon ground storage tank, a master meter and vault, and 43 new water services to connect Harrells to the county water system	No	Sampson	\$3,321,000	0%	0%	0%			20	20	0	0	5	15	Scored as submitted	Did not estimate PF eligibility		
33	Sampson County	Water Main Extensions	Dewberry Engineers Inc.	Install ±15,000 LF of water main with 28 new water services in areas previously not served.	No	Sampson	\$987,000	50%	0%	0%			20	20	0	0	5	15	Scored as submitted			
34	Clarkton, Town of	Clarkton Water Meter Replacement	WithersRavenel	Replace all the town's old water meters (±278) with AMR technology	Yes	Bladen	\$88,254	0%	0%	0%			25	18	0	0	5	13	3.C: Wellhead protection plan older than 5 years (2001) 4.C: Number of LGU indicators decreased			
35	Fuquay-Varina, Town of	Sanford WTP Expansion	Hazen & Sawyer	Fuquay-Varina's one half share to expand the Sanford WTP	No	Wake	\$63,495,000	0%	0%	0%			52	17	2	6	5	4	1.D.1: are not replacing the old units; do not call out 50% of costs 2.H.3: Narrative lacks regulation citation and exceedance of Health Advisory Level 2.K.1: Project does not accomplish and interconnection 3.A.1: CIP does not show capital expenditures after year five 3.D: Narrative states intent; does not document an ongoing program			

Ineligible Applications- none

Incomplete Applications - none